हैदराबाद विश्वविद्यालय
University of Hyderabad

प्रतिष्ठित संस्थान
INSTITUTION OF EMINENCE
राष्ट्रीय अपेक्षाएँ, वैश्विक मानक
National Needs, Global Standards

PROSPECTUS 2023-24

Online Registration Fee

GENERAL Category	:	Rs. 600/-
EWS Category	:	Rs. 550/-
OBC-NCL Category	:	Rs. 400/-
SC/ST/PWD(PWD) Category	:	Rs. 275/-

UNIVERSITY OF HYDERABAD

(A Central University established by an Act of Parliament)

Visitor
The President of India

Chief Rector
The Governor of Telangana

Chancellor
Justice L. Narasimha Reddy

Vice-Chancellor
Prof. B. J. Rao

Pro Vice-Chancellor
Prof. R.S. Sarraju

Registrar
Dr. Devesh Nigam

University of Hyderabad
Prof. C. R. Rao Road,
P.O. Central University,
Gachibowli, Hyderabad 500 046,
Telangana, (India)

University's EPABX: 040-2313 0000

Our Motto

सा विद्या या विमुक्तये

forms part of a verse appearing in
Vishnu-Purana (1.19.41)

The whole verse reads as follows :

तत्कर्म यन्न बन्धाय
सा विद्या या विमुक्तये ।
आयासायापरं कर्म
विद्यान्या शिल्पनैपुणम् ।।

The verse also occurs in the anthology of subhasitas entitled "Sarangadharapaddhati" (No.4396). In this latter work, the source of the verse is given as Vasisthat. The verse obviously possesses an ethical-spiritual import and may be translated as follows:

"That is (right) action which does not conduce to bondage (Karmabandha in the Bhagavadgita sense); that is (true) knowledge which conduces to final liberation or spiritual emancipation; (any) other knowledge implies mere skill in craft

" बन्धन का कारण न हो, वही कर्म है और मोक्ष को सिद्ध करने वाली हो, वही विद्या है। इससे भिन्न कर्म व्यर्थ परिश्रम रूप और भिन्न विद्याएँ केवल कला–कौशल रूप ही हैं ।।"

WWW.UOHYD.AC.IN

Why University of Hyderabad?

Institution of Eminence

The Institution of Eminence status accorded by the Government of India to the University of Hyderabad in September 2019 is recognition of the university's standing, ability and potential to move into the league of the world's best institutions. With additional funding and autonomy, we are positioned to figure in the World's 500 Best Universities in the next few years.

Excellence in University System

The University was previously granted the status of University with Potential for Excellence (UPE) by the University Grants Commission (UGC). The University was sanctioned a grant of Rs.30 crore under UPE Phase-1 for Interfacial Studies & Research and Holistic Development for 5 years (2002-2007) and Rs.50 crore under the Phase-2 (2012-2016).

The Advanced Centre for Research in High Energy Materials (ACRHEM) on the University campus was supported by DRDO for Research on High Energy Materials to the tune of Rs.113 crore in the Phase-3.

Top Grades by various ranking agencies

The University underwent a rigorous evaluation by the National Assessment and Accreditation Council (NAAC) of the University Grants Commission. The Apex Council of NAAC awarded the top grade to the University. The University was re-accredited by NAAC, awarding us a Cumulative Grade Point Average (CGPA) of 3.72 on a 4.0 scale at 'A' grade for a period of 5 years up to Feb 2020 in the third cycle.

The University has been ranked 5th among all universities in the country. The National Institute of Ranking Framework (NIRF) ranked it 15th overall for 2020.

The University has also been rated by the NISSAT (National Information System for Science and Technology) of the Department of Scientific and Industrial Research (DSIR), Government of India, as the only University under the '**High Output High Impact'** category among the top 50 institutions in India with publications in citation index journals.

DST support for augmenting research facilities

The Department of Science and Technology (DST) of the Government of India sanctioned over Rs. 11.96 crores under the FIST (Fund for Improvement of Science and Technology) to four Science Schools of the University to augment research facilities.

In addition to this, the DST has established a High-Performance Computing Facility, Centre for Nanotechnology, Centre for Modelling, Simulation and Design at the University of Hyderabad under the FIST Program with the total financial support of Rs.24 crore.

Member of AIU and ACU

The University is a member of the Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU).

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राष्ट्रीय अपेक्षाएँ, वैश्विक मानक
National Needs, Global Standards

ABOUT THE UNIVERSITY
&
ADMISSION BROCHURE

THE UNIVERSITY

The University of Hyderabad, a premier institution of postgraduate teaching and research in the country, was established by an Act of Parliament (Act No. 39 of 1974) on 2nd October 1974 as a Central University, wholly funded by the University Grants Commission, **is a Unitary University situated at Gachibowli, Hyderabad. University doesn't have any Study Centres or branches or Campuses or Affiliated Colleges elsewhere.**

The "objects of the University" as envisaged in the Act are: "to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit and by the example of its corporate life, and, in particular, to make special provisions for integrated courses in humanities and science in the educational programs of the University and to take appropriate measures for promoting inter-disciplinary studies and research in the University."

The University's scenic and serene campus is spread over a vast stretch of land measuring about 2,000 acres, on the old Hyderabad-Bombay road. Amidst the picturesque environment of the campus, several buildings catering to the academic needs, support facilities and residential requirements of the campus community have been constructed over the years. The University also has a city campus 'The Golden Threshold,' the residence of the late Sarojini Naidu which was bequeathed to the University by her daughter, the late Padmaja Naidu.

Schools of Study

School of Mathematics and Statistics
School of Computer and Information Sciences
School of Physics
School of Chemistry
School of Life Sciences
School of Humanities
School of Social Sciences
School of Economics
Sarojini Naidu School of Arts and Communication
School of Management Studies
School of Medical Sciences
School of Engineering Sciences and Technology

The Schools of Mathematics and Statistics, Computer and Information Sciences, Chemistry, Economics, Management Studies, and Engineering Sciences & Technology are single discipline schools and the others are multi-department schools.

Departments / Centres of Study & Research

The School of Physics has the following Centres:

Centre for Advanced Studies in Electronics Science and Technology (CASEST)
Advanced Centre of Research in High Energy Materials (ACRHEM)
Centre for Earth, Ocean and Atmospheric Sciences (CEOAS)

The School of Life Sciences has the following Departments:

Department of Biochemistry
Department of Plant Sciences

Department of Animal Biology
Department of Biotechnology and Bioinformatics
Department of Systems and Computational Biology

The School of Medical Sciences has the following Centres:

Centre for Health Psychology
Centre for Neural and Cognitive Sciences

The School of Humanities has the following Departments and Centres:

Department of English
Department of Philosophy
Department of Hindi
Department of Telugu
Department of Urdu
Centre for Applied Linguistics & Translation Studies
Centre for Comparative Literature
Department of Sanskrit Studies
Centre for the Study of Foreign Languages
Centre for English Language Studies
Centre for Dalit and Adivasi Studies and Translation
Centre for Endangered Languages and Mother Tongue Studies
Centre for Buddhist Studies

The School of Social Sciences has the following Departments and Centres:

Department of History
Department of Political Science
Department of Sociology
Department of Anthropology
Department of Education and Education Technology
Centre for Regional Studies
Centre for Folk Culture Studies
Centre for the Study of Social Exclusion and Inclusive Policy
Centre for the Study of Indian Diaspora
Centre for Knowledge, Culture & Innovation Studies
Centre for Human Rights
Centre for Women's Studies
Centre for Ambedkar Studies

The S.N. School of Arts and Communication has the following Departments:

Department of Dance
Department of Theatre Arts
Department of Fine Arts
Department of Communication
Department of Music

Centre for Integrated Studies (CIS) also offers academic programs.

Centre for Modelling & Simulation Design (CMSD) offers M.Tech. Modeling and Simulation

All Schools of the University, Departments, and Centres are located on the main campus in Gachibowli. Several of the Schools and Departments of the University have obtained financial support from the University Grants Commission under the Special Assistance Program and COSIST for excellence in teaching and research.

Over the years, the teaching and research programs of the University have been firmly established. The students are selected through a nationwide entrance test. About a third of the students are Ph.D. scholars and about 45% are women. As on 31st March, 2023, a total of 36225 students of the University had been awarded various degrees, which consists of 3877 Ph.Ds., 5027 M.Phils., 2925 M.Techs. and 24396 Postgraduate Degrees, Diplomas & Exits in Integrated Programs. The Faculty of the University include: 20 Sr. Professors, 173 Professors, 78 Associate Professors, and 129 Assistant Professors. The full-time teacher and student ratio is 1:13.32. This ratio does not include Guest Faculty, Visiting Professors, Adjunct Professors, Emeritus Professors, Chair Professors, etc.

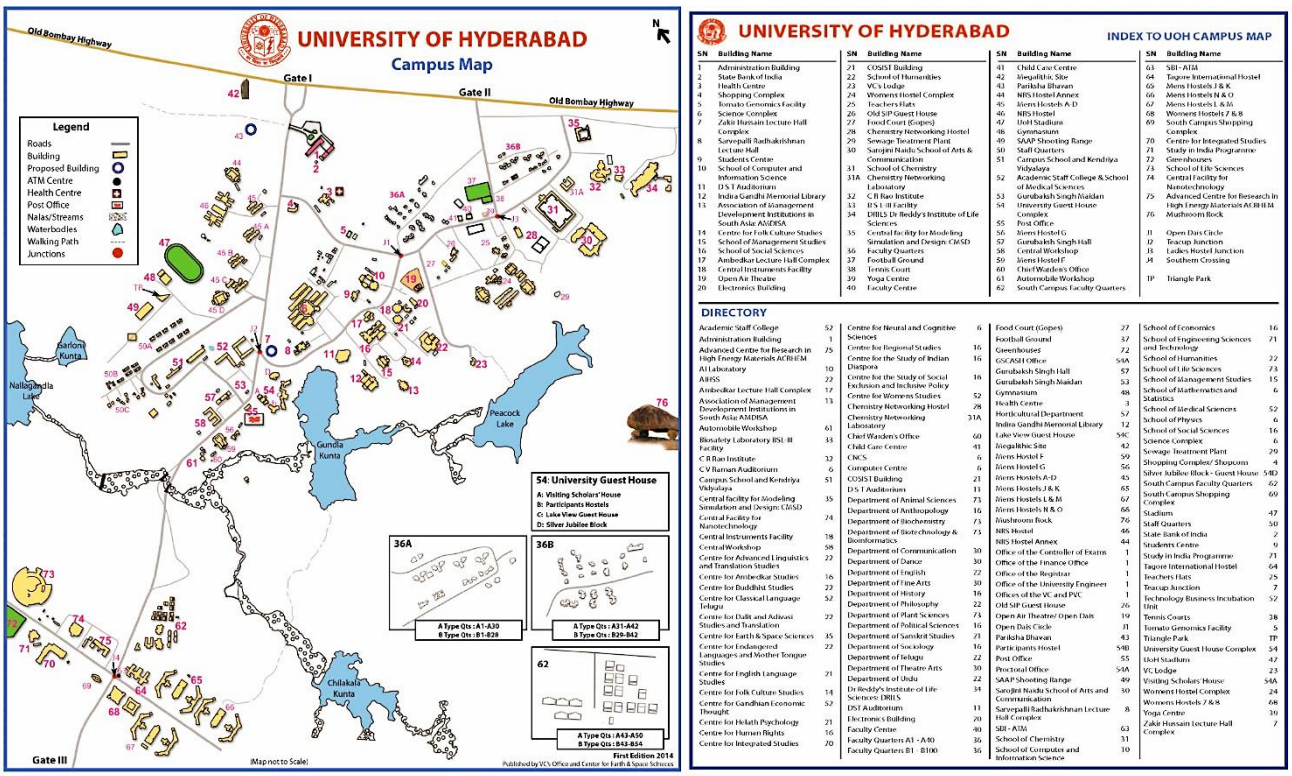
The Faculty of the University has been publishing widely and obtained research support from several funding agencies. Several faculty members have won national and international awards and honors in recognition of their outstanding work in their respective fields.

ABOUT HYDERABAD

Founded by Quli Qutub Shah in 1591, this large metropolis is unique in its rich architectural glory and blend of diverse linguistic, religious and ethnic groups and is an ideal place indeed to locate a Central University. The weather for most of the year is pleasant except for April and May when the temperature is likely to go up to 40°C. The intellectual climate is vibrant. Hyderabad is home to nine major Universities and several research institutions, laboratories, libraries, and IT companies.

UNIVERSITY OF HYDERABAD MAP

हैदराबाद विश्वविद्यालय ** హైదరాబాదు విశ్వవిద్యాలయము ** University of Hyderabad



UNIVERSITY OF HYDERABAD

INDEX TO UOH CAMPUS MAP

SN	Building Name
1	Administration Building
2	State Bank of India
3	Health Centre
4	Shopping Complex
5	Tomato Genomics Facility
6	Science Complex
7	Zakir Hussain Lecture Hall Complex
8	Sarvepalli Radhakrishnan Lecture Hall
9	Students Centre
10	School of Computer and Information Science
11	D S T Auditorium
12	Indira Gandhi Memorial Library
13	Association of Management Development Institutions in South Asia AMDISA
14	Centre for Folk Culture Studies
15	School of Management Studies
16	School of Social Sciences
17	Ambedkar Lecture Hall Complex
18	Central Instruments Facility
19	Open Air Theatre
20	Electronics Building
21	COSIST Building
22	School of Humanities
23	VC's Lodge
24	Womens Hostel Complex
25	Teachers Flats
26	Old SIP Guest House
27	Food Court (Gopes)
28	Chemistry Networking Hostel
29	Sewage Treatment Plant
30	Sarojini Naidu School of Arts & Communication
31	School of Chemistry
31A	Chemistry Networking Laboratory
32	C R Rao Institute
33	D S T-III Facility
34	DRILS Dr Reddy's Institute of Life Sciences
35	Central facility for Modeling Simulation and Design: CMSD
36	Faculty Quarters
37	Football Ground
38	Tennis Court
39	Yoga Centre
40	Faculty Centre
41	Child Care Centre
42	Megalithic Site
43	Pariksha Bhavan
44	NRS Hostel Annex
45	Mens Hostels A-D
46	NRS Hostel
47	DoH Stadium
48	Gymnasium
49	SAAP Shooting Range
50	Staff Quarters
51	Campus School and Kendriya Vidyalaya
52	Academic Staff College & School of Medical Sciences
53	Gurubaksh Singh Naidan
54	University Guest House Complex
55	Post Office
56	Mens Hostel G
57	Gurubaksh Singh Hall
58	Central Workshop
59	Mens Hostel F
60	Chief Warden's Office
61	Automobile Workshop
62	South Campus Faculty Quarters
63	SBI - ATM
64	Tagore International Hostel
65	Mens Hostels J & K
66	Mens Hostels N & O
67	Mens Hostels L & M
68	Womens Hostels 7 & 8
69	South Campus Shopping Complex
70	Centre for Integrated Studies
71	Study in India Programme
72	Greenhouses
73	School of Life Sciences
74	Central Facility for Nanotechnology
75	Advanced Centre for Research in High Energy Materials ACRHEM
76	Mushroom Rock
J1	Open Dais Circle
J2	Teacup Junction
J3	Ladies Hostel Junction
J4	Southern Crossing
TP	Triangle Park

DIRECTORY

Academic Staff College	52
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Mens Hostel F	59
Mens Hostel G	56
Mens Hostels A-D	45
Mens Hostels J & K	65
Mens Hostels L & M	67
Mens Hostels N & O	66
Mushroom Rock	76
NRS Hostel	46
NRS Hostel Annex	44
Office of the Controller of Exams	1
Office of the Finance Office	1
Office of the Registrar	1
Office of the University Engineer	1
Offices of the VC and PVC	1
Old SIP Guest House	26
Open Air Theatre/ Open Dais	19
Open Dais Circle	J1
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Staff Quarters	50
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PROGRAMS, CRITERIA & ENTRANCE EXAMINATIONS

Note: The medium of instruction for all the courses is English except the language courses for which the medium of instruction is the language concerned.

PROGRAMS OF STUDY & DURATION

PROGRAM	DURATION IN SEMESTERS
IMSc (5-year Integrated) IMSc. Courses in Sciences: Mathematical Sciences Physics Chemical Sciences Biochemistry Plant Biology and Biotechnology Animal Biology and Biotechnology Biotechnology and Bioinformatics Microbiology and Immunology Systems and Computational Biology Applied Geology Health Psychology	10
Master of Optometry (6-year Integrated)	12
IMA (5-year Integrated) **Humanities:** Hindi, Telugu, Language Sciences, Urdu **Social Sciences:** Economics, History, Political Science, Sociology, Anthropology	10
Post-graduate **M.Sc.:** Mathematics/ Applied Mathematics, Statistics-OR, Physics, Chemistry, Biochemistry, Plant Biology & Biotechnology, Microbiology and Immunology, Animal Biology & Biotechnology, Biotechnology*, Ocean and Atmospheric Sciences, Health Psychology, Neural & Cognitive Sciences, * Admissions for M.Sc Biotechnology will be through General Aptitude Test of Biotechnology (GAT-B) conducted by RCB Faridabad.	4
MCA* *NIMCET 2023 scores in order of merit, will be the only criteria for admission.	4
MBA (Health Care & Hospital Management)	4
MBA (Business Analytics)	4
MBA* *Admission to MBA for 2023-24 have been completed based on the scores of the applicants in CAT 2022 followed by Group Discussion/Interview	4
Executive MBA	4
MA English, Philosophy, Hindi, Telugu, Urdu, Applied Linguistics, Comparative Literature, English Language Studies, Gender Studies, History, Political Science,	4

Sociology, Anthropology, Economics, Financial Economics, Communication (Media Practice) and Communication (Media Studies)	
M.Ed.	4 semesters
MPA (Dance)	4
MPA (Theatre Arts)	6
MPA Music	4
MVA Painting, Print Making & Sculpture Art History & Visual Studies	4
Master of Public Health (MPH)	4
M.Tech Computer Science, Artificial Intelligence, Information Technology[@], Information Security, Bioinformatics[^#] Materials Engineering[#], Nanoscience & Technology[#], Manufacturing Science & Engineering[#] Modeling and Simulation[#], Integrated Circuit Technology[#], @: Offered in collaboration with IDRBT, an RBI institute ^: Offered in collaboration with Centre for DNA Fingerprinting & Diagnostics (CDFD), Hyderabad, Integrated Circuit Technology[#] #: Admission for these courses is through CCMT	4
Integrated M.Tech (Computer Science and Engineering) (5-yr Integrated) Admission through CSAB of JEE	10
Ph.D Mathematics, Applied Mathematics, Computer Science, Physics, Electronics Science & Engineering, Earth Ocean and Atmospheric Sciences, Chemistry, Biochemistry, Plant Sciences, Animal Biology, Biotechnology, Systems & Computational Biology, English, Philosophy, Hindi, Telugu, Urdu, Applied Linguistics, Translation Studies, Comparative Literature, Sanskrit Studies, History, Political Science, Sociology, Anthropology, Education, Regional Studies, Social Exclusion and Inclusive Policy, Indian Diaspora, Gender Studies, Economics, Dance, Art History and Visual Studies, Communication, Management Studies, Health Sciences (Public Health, Optometry), Psychology, Cognitive Science, Materials Engineering, Nanoscience & Technology	12

NOTE

The University reserves the right to cancel/not to offer any of the programs mentioned above. The University also reserves the right to increase or decrease the intake of any course due to administrative reasons.

The assigning of supervisors for candidates seeking admission to any of the Ph.D. programs will be determined by the respective School/ Department/Centre in adherence to the limits on numbers as prescribed by the UGC regulations 2022.

CRITERIA FOR ADMISSION

The University offers excellent facilities for Postgraduate, 5-Year Integrated Master's Degree Courses, and Research Studies in several major areas in the Sciences, (including Medical Sciences, Engineering Sciences & Technology), Humanities, Social Sciences, Performing Arts, Fine Arts, Communication, and Management Studies.

Admission to the University is open to all who fulfill the prescribed qualifications without any distinction of race, creed, language or gender. The selection is on the basis of the entrance examination. The candidate should produce all original certificates at the time of admission.

Any student to be eligible for admission to the Post-graduate Degree Courses must have completed a three-year Undergraduate Degree, through an examination conducted by a University/ Autonomous College. However, as a transitory measure, a candidate who has passed a two-year degree course may also be considered for admission, provided she/he has undergone a further one-year bridge course and passed the same.

The minimum eligibility requirements for admission to the above courses are given in a tabular form at the end of this chapter.

The eligibility of candidates passing their qualifying examinations from Universities following the letter grading system / CGPA will be determined based on percentage equivalent to the letter grade/CGPA obtained by the candidates according to the conversion formula adopted by the University concerned. **In the absence of any such formula, the decision of the University shall be final and binding on the candidates.**

Candidates who may be appearing for the qualifying degree examination and expecting their results and certificates before 31.10.2023 **are eligible to apply for admission.**

Candidates who have completed or will be completing all the formalities, viz., written the theory examinations, completed practical examinations, submitted Project reports, completed viva-voce exams, etc. before 31.10.2023 and are awaiting the results of the qualifying degree examination and those who are due to appear in the qualifying degree examination in the above-stated aspects and expecting their results to be declared and are getting their certificates before 31.10.2023 are allowed to appear for the entrance test.

CONDITION

The condition is that, in case of their selection to a course in the University, they should submit the certificates of the qualifying degree examination and other earlier examinations positively at the time of completion of the admission. However, the University may give an extension of time up to 31.10.2023 to submit the certificates of the qualifying degree examination. Such candidates will be given conditional admission up to 31.10.2023 only. However, this facility shall not be extended to those who are taking regular or supplementary or improvement examinations of the qualifying degree after 31.10.2023 and waiting for the results. In the event of the concerned students failing to (i) submit their certificates of the qualifying Degree examination by 31.10.2023, and (ii) not passing the qualifying degree examinations with the prescribed percentage of marks, they will not be allowed to attend classes

any further and their Provisional admission stands cancelled forthwith. No request will be entertained for extension of time to submit the certificates under any circumstances beyond 31.10.2023.

In case of non-submission of mandatory academic certificates and Transfer Certificate/ Migration Certificate up to 31.10.2023, the Provisional admission of such candidates' stands cancelled forthwith.

In the case of candidates admitted into Ph.D. programs under the result awaited category, those who have completed all the formalities including the viva voce of their M.Phil./M.Tech. Courses before the date of their admission or 31.10.2023 whichever is earlier and are awaiting their results may be allowed to submit their M.Phil. or M.Tech. results and certificates within a maximum period of one year from the date of their admission. During this period, they will not be paid any scholarship or fellowship. Once they submit the certificates, proving their eligibility for admission into the Ph.D., their scholarship/fellowship will be paid with retrospective effect from the date of their admission. If they fail to submit the results and the certificates within one year, their admission shall stand cancelled forthwith.

All courses at the Master's Degree level, 5-Year Integrated Master's Degree, M.Tech., 5-year Integrated M.Tech. in Computer Science, and Integrated M.Sc./Ph.D. are full-time regular courses. For Ph.D. programs, the candidates are encouraged to join as regular students. However, for those who are not in a position to research on a full-time basis, a limited provision exists for part-time research. The facility is also available for external registration to Ph.D. regularly at the recognized Centres of the University. The details are given in the subsequent paragraphs of this chapter.

Students admitted to the regular courses are not allowed to pursue any other course except part-time evening Certificate/Diploma Course of a Professional nature with the prior permission of the School /Department/Centre concerned of the University. They are also not allowed to take up any employment during the period of their studies in the University. Those employed, if selected for admission, are required to submit at the time of completion of their admission, a "No Objection Certificate" besides orders from the competent authorities sanctioning leave covering the entire duration of the course, failing which, the provisional selection for admission for such candidates will be cancelled.

RESERVATION OF SEATS

Following the policy of the Government of India and the guidelines of the University Grants Commission, the University has reserved **15%** of seats in each course for candidates belonging to the **Scheduled Castes** and **7.5%** for those belonging to the **Scheduled Tribes**, with a provision for interchangeability between these categories, wherever necessary. **Candidates should submit a copy of the certificate of their caste/ tribe from a Revenue Officer not below the rank of Tahsildar / Mandal Revenue Officer at the time of the interview, admission/counselling.** Remedial courses in English and other subjects are conducted for such students depending upon the actual need.

For admission to all Postgraduate Courses, viz., M.A., M.Sc., M.C.A., M.F.A., M.P.A., M.B.A., M.Ed. Courses and 5-Year Integrated Master's Degree Courses, the minimum eligibility condition for SC/ST/PwD candidates is **5% less** than the percentage for General/EWS & OBC category, however in order to ensure filling up of all seats for SC, ST and PwD subject to availability of candidates the **minimum requirement is "Pass"** in the qualifying examination.

Reservation of seats for OBC candidates

Following the policy of the Govt. of India and the guidelines of the University Grants Commission, **27%** of the seats are reserved for OBC (non-creamy layer category) candidates. For admission to **Ph.D., a relaxation** of **only 5% marks in the minimum eligibility condition** is provided to **SC/ST/OBC and PWD candidates as per the UGC Regulations, 2022**. Candidates claiming reservation under this category must enclose an attested copy of the **OBC (non-creamy layer)** certificate issued by a competent authority in the format **prescribed by GOI** without which their application will not be considered under OBC category.

Reservation of seats for Economically Weaker Sections (EWS) candidates

Following the policy of the Govt. of India and the guidelines of the University Grants Commission, **10% of the seats** are reserved for **EWS** candidates. Candidates claiming reservation under this category must enclose an attested copy of the certificate issued by a competent authority in the format prescribed by GOI without which their application will not be considered under the EWS category.

Note: Every candidate who claims to belong to SC or ST or OBC (non-creamy layer) or EWS has to produce a certificate to the University **before her/his admission as sufficient proof in support of the claim, to make her/him eligible for various relaxations and concessions granted to such candidates.**

The certificate should **strictly be in prescribed format issued by one of the competent authorities empowered for the purpose. No other certificate will be accepted as sufficient proof of the claim belonging to any reserved category for availing the benefits of reservations.**

The admission granted to all such reserved candidates is provisional and subject to the certificates being verified through proper channels as per rules and if the verification reveals that the claim of a candidate who belongs to SC/ST/OBC/EWS as the case may be, is false the admission will be cancelled forthwith without assigning any further reasons without prejudice to such further action as may be taken under the provisions of the Indian Penal Code for production of false certificates.

Candidates producing SC/ST certificates issued by the competent authority of the respective State Governments should also produce a certificate of valid duration at the time of admission.

The OBC (non-creamy layer) certificate should be issued in the GOI format by the competent authority on or after 1.4.2023. It may please be noted that state BC/OBC certificates will not be accepted as a claim for reservation under OBC.

If it is brought to the notice of the University at any stage i.e. while pursuing a course or after the degree is awarded that the candidate got admission based on false certificate and is proved, then University reserves the right to cancel the admission/degree awarded as the case may be and also take action as per the provisions of the Indian Penal Code for production of a false certificate. The university also reserves the right to send any or all caste certificates for verification as per the Government of India rules.

Reservation of seats for the Persons with Disability (PWD) candidates

5% of seats on approved intake in each for all 5-Year Integrated PG and PG courses are provided as supernumerary seats. But in M.Tech., and Ph.D. courses PWD seats are not supernumerary seats but it is within the intake notified in the Prospectus.

The minimum degree of disability for being eligible to apply under this category is **40%**, provided that their physical disability does not come in the way of pursuing the course. This includes Visually Challenged (VH), Hearing Impaired (HI) and Orthopedically Handicapped (OH) candidates etc with a provision of interchangeability. The candidates under this category should take the entrance examination for admission. Persons with Disability candidates are required to submit a certificate from a Medical Board/Civil Surgeon of a Govt. Hospital indicating the extent of visual/physical disability and also the extent to which the disability hampers the candidate in pursuing her/his studies. The candidates under this category are exempted from the payment of tuition and other fees to the University.

The candidates under this category may have to undergo a fresh medical examination, if so prescribed by the University, before being admitted.

Visually challenged candidates appearing for the entrance examinations will be given a compassionate time of 20 minutes per hour. The University will provide scribes for such candidates if requested for it.

Reservation of seats to the wards/dependents of Defence Personnel (DP)

Up to **5%** of seats on the approved intake in each for all 5-Year Integrated PG and PG courses are provided as supernumerary seats for the wards of Defence Personnel (serving or retired) i.e the forces coming under Ministry of Defence (Army, Airforce and Navy). The candidates should enclose a copy of the certificate issued by a competent authority in support of their claim without which their claim will not be considered. The candidates under this category should take the entrance examination for admission and also fulfill all other requirements of admission as mentioned in the Prospectus. Wards of Paramilitary personnel working under the Ministry of Home etc. are not eligible under this category.

Note

Seats are not reserved for **DP category** candidates in the **M.Tech./ 5 Year Integrated M.Tech. programs** as per the norms of CCMT and CSAB of JEE. Besides, the seats are not reserved in **Ph.D.,** as there will be no supernumerary seats in these programs as per UGC Regulations 2022.

Supernumereary seats under PM CARES for children scheme

As advised by the UGC vide letter no. F.2-39/2022(CPP-II) dated 30.3.2022, supernumerary seats will be created for admission to 5-Year Integrated PG and PG courses from the academic year 2022-23 under PM CARES for children scheme to support for children who have lost both their parents during the COVID Pandemic provided these children should submit PM CARES for children Scheme 2021 Certificate issued by the Ministry of Woman & Child Development.

Reservation of seats for Kashmiri Migrants

Interested Kashmiri Migrant candidates will be required to apply online for Integrated and PG courses only and pay the prescribed fee through online link only (http://.acad.uohyd.ac.in). The Hard copy of online application along with the certificate of being Kashmiri Migrant be forwarded to Assistant Registrar/Section Officer (Acad), University of Hyderabad, P.O. Central University, Gachibowli, Hyderabad –500046.

Note

1) No other mode of submission of application will be accepted or entertained except the procedure as laid down above.

2) If Kashmiri migrant candidates wish to appear for the Entrance Examination, then they should apply separately.

Reservation of seats for candidates coming from Jammu & Kashmir under special scholarship scheme

As proposed by the UGC, two supernumerary seats have been created for admitting the students coming from the state of Jammu & Kashmir under MHRDs special scholarship scheme. As per the AICTE guidelines, this is only for those candidates who have passed 10+2 exam from the state of Jammu & Kashmir and would like to join undergraduate programs in general degree, Medical, Architecture, Pharmacy, Law, Nursing, Agriculture, Fisheries, Horticulture, Veterinary science, etc. The candidates need to apply through the dedicated website of AICTE for joining any of the above courses in the universities/colleges allotted to them through AICTE counselling. The details of the guidelines of the special scholarship scheme for J&K may be seen at http://aicte-jk-scholarship.in

The University reserves the right to verify the caste certificate used for the claim of a seat in reserved category i.e. SC/ST/OBC/EWS/PWD/DP/Kashmiri Migrant at any point of time or any stage including after awarding of the degree. If the certificate is found to be false/fake/incorrect, the admission or degree will be cancelled.

Office for International Affairs - Admission of International Students 2023-24

Definition:

For the purposes of admission to UoH, the term "International Student" implies any candidate holding a passport of a foreign country[1]. This category would include any Person of Indian Origin (PIO) or, Overseas Citizen of India (OCI) card holder who has a foreign country's passport. NRIs with an Indian Passport are Indian Nationals and therefore, cannot be considered as International Students.

Number of seats:

As per UGC guidelines, international students will be admitted upto a maximum of 15% over and above the approved intake in a course, depending upon the availability of adequate infrastructure. Under the Institution of Eminence status, an additional quota of **15%** of the seats is be allotted for these students. All the available seats may not be filled in a particular year if the Admission Committee of the School/ Department/Centre does not recommend anyone or if a program has inadequate infrastructure. International students seeking admission through ICCR or other governmental agencies (SII) may apply to the University in the prescribed form through the respective bodies.

A onetime Development fee of USD 1000 will be charged for self-financed (OCI category) students. The ICCR students (Ministry of External Affairs) will be charged on par with the SAARC countries fee rates for tuition fees (50% of regular fee). The tuition fee and other compulsory fees for them will be paid directly to UoH by the ICCR office (Ministry of External Affairs). *This is subject to change as per the university norms*.

Under the MoU with SII (Study in India MEA, EDCIL), they allocate tuition fee waivers to the selected students in their online portal based on their academics which is given by UoH. The tuition fee waiver categories are mentioned herewith, such as **G1- 100% Tuition fees waiver, G2- 50% Tuition fees waiver, G3- 25% Tuition fees waiver and G4- NO Tuition fees waiver.** Sometimes SII covers the scholarship which is completely their decision.

Eligibility:

Applications: The University may consider admission of international nationals, "*in absentia*", based on their desire "to be considered *in absentia*" their admission upto the 30% bracket for an International Student, to any program is subject to the condition that they are found suitable for admission by the Admissions Committee of the Centre/Department/School.

Academic qualification: A prospective international student has to fulfil the eligibility conditions, including the required qualifying degree and marks/grades, as prescribed for Indian students. These conditions can be found in the prospectus which is available on the University website (**www.uohyd.ac.in or http://acad.uohyd.ac.in**). In case a student's parent university does not have a program which is prescribed as a minimum eligibility condition, an equivalent program may be considered. In this respect the Admission Committee's decision is final.

International students whose qualifying degree is from India and who are residing in India at the time of application should take some part of the entrance examination in the form of interviews in the University as prescribed by the Centre/Department/School in order to be considered for admission into any program/course. Please view the link https://uohyd.ac.in/international-affairs/ for additional information.

English proficiency: Proof of English Proficiency is essential for a candidate who is not a graduate from a university located in an English-speaking country. Their college education must have had English language as a medium of instruction. Such a candidate has to provide one of the following two scores. The validity of the test should be two years from the date of examination.

i. International English Language Testing System (IELTS)-Academic version- minimum score of 6.5 is required.
ii. Test of English as Foreign Language (TOEFL)
   - Paper-based TOEFL: a minimum score of 560 is required
   - Computer based TOEFL: a minimum score of 220 is required
   - Internet-based TOEFL: a minimum score of 80 is required.

Admission committees in the university may insist on the requirement of TOEFL/IELTS for Masters and Ph.D. admissions.

Applications are also invited for admission into Ph.D. programs offered by the University. International students are exempted from entrance test**.** The selection criteria to admit an international Ph.D. student rests on the admission committee of the academic unit, which, after examining the application (received from ICCR, SII or self-supported candidates, OCI category candidates) may seek two recommendation letters, assess previous academic performance of the candidate, and, if required, interact with the applicant by an interview (video call); the unit may then identify a potential supervisor(s) and give the recommendation for the admission of the candidate. International students may have to provide evidence of language competence suited to the academic unit they wish to join students will get a certificate under the IoE after completion of course and will not get the UGC Regulations, 2016 certificate.

Applications should be accompanied by copies of relevant certificates, marks sheets, two letters of recommendation from teachers, proof of financial support, together with the English version of such copies duly attested if they are in a different language. All international students seeking admission to the University will be required to produce a medical certificate of fitness from a recognized hospital in their country. Those admitted may also be required to undergo a comprehensive medical examination as prescribed by the University.

Deadline for receiving applications:

International students may start applying for admission from January until the deadline which is April 30 of that year. The decision of the Admissions Committee will be intimated to the candidates by May 31. For the application form and admission details, please visit the link **http://acad.uohyd.ac.in/downloads/FN_APPLICATION.PDF**

All completed application forms with relevant documents and enclosures can be sent by e-mail to internationaluoh@uohyd.ac.in, aracad@uohyd.ac.in or drae@uohyd.ac.in or by post to the Office for International Affairs, Ground floor, SIP Building, South Campus, University of Hyderabad, Prof C.R. Rao Road, Gachibowli, Hyderabad - 500046

ENTRANCE EXAMINATION

Conduct of Entrance Exams through Common University Entrance Test (CUET)/ National Testing Agency (NTA) from the academic year 2022-23

The University adopted New Education Policy (NEP) 2020 in toto as per the decision of the 88th Academic Council meeting held on 26th March 2021.

And, according to NEP-2020 - clause 4.42; University has to participate in common entrance exams conducted by NTA, which will benefit the student community, i.e., through one exam of CUET, a student can seek admission in 40+ Universities and even there is no burden of payment of registration fee for various entrance exams on students and their parents.

Admission to 5-Year Integrated PG and PG courses are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

Admission to Ph.D.: Admission to Ph.D. will be based on Entrance Exam to be held on 17.06.2023 & 18.06.2023**.** The candidates will be called for an interview in the order of merit based on the entrance examination.

Applying to more than one program

A candidate is free to apply for admission to as many courses as she/he wishes **after ensuring from the schedule for the Entrance Examination that there is no clash in the subjects of his/her choice.**

The Entrance Exam marks of Ph.D. shall be used for shortlisting candidates to be called for interview. The Interview will be conducted for 30 marks.

Short-listed candidates for Ph.D. admission are to appear for an interview (**30 marks**), with six copies of their research proposal in about minimum 500 words and maximum 2500 words, on dates notified by the University. Without research proposal, the candidates will not be interviewed.

The basis of final shortlisting of candidates for admission will be on the merit of marks obtained in **written test and Interview put together**.

The Admission Committees of various Schools will determine the due weightage to the following components like:

- Research Proposal and its defense
- Academic Record/Performance in PG/Gold Medal/Performance in the Written Test
- Having fellowship/M.Phil. /NET/SET
- Publications
- Research Experience, etc.

The details of the exact breakup for each subject are available at the end of the Prospectus.

IN CASE OF A TIE

The following criteria shall be followed, in sequence to resolve ties, where candidates secure the same marks in the written test:
First criterion: Marks obtained by the candidates in the qualifying degree/other examination. If the final result is not available, then the marks up to the 2nd year will be taken into account.
Second criterion: Marks obtained in the degree examination immediately preceding the qualifying degree examination.
Third criterion: Marks obtained in the next lower public examination.

QUALIFYING MARKS FOR PHD

1. In accordance with the clause 5.4.1 of UGC (Minimum Standards and Procedure for award of M.Phil/Ph.D. degree) Regulations 2016 (1st Amendment), relaxation of 5% of marks (from 50% to 45%) shall be given for the candidates belonging to the SC/ST/OBC(NCL)/Differently abled Category in the defined minimum cut-off in the entrance examination conducted by the University. Hence the cut-off for Gen/ EWS candidates shall be 50% marks and for the candidates belonging to the SC/ST/OBC(NCL)/Differently abled Category it shall be 45% marks in the Entrance Exam.

2. As per the clause 5.4.2 of the UGC (Minimum Standards and Procedure for award of M.Phil/Ph.D. degree) Regulations 2016 (2nd Amendment), the candidates will be shortlisted based on their performance in the entrance examination giving 70% weightage for the written test and 30% weightage for the interview/viva-voce.

3. Only those candidates who score the minimum cut-off in the written test will be called for the Interview. As per the decision of the 78th Academic Council, if the number of candidates scoring the minimum cut-off is more, the number of candidates to be called for interview will be restricted to 1:6 ratio.

4. In case if sufficient number of candidates do not qualify the minimum cut-off as defined at sl. no 1, the candidates will be called for interview based on the percentile of marks scored in the entrance examination as resolved in the 88th Academic Council.

5. University reserves all the right to take appropriate decision regarding minimum eligibility, cut-off marks, number of candidates to be called for interview, admissions etc. The decision of the University will be final in all the processes involved right from the entrance examination application to admissions.

The **merit list for admission** will be prepared based on the performance in the **written test and interview put together**.

No cut off marks for Integrated PG and PG courses.

The University has decided not to have any cut-off marks in the entrance examination i.e., in the written test or interview or written test plus interview put together for admission to any Postgraduate course for any category during the year 2023-24**.**

Wherever the admission is based on written test and interview, the candidates to be called for interview in ratio as recommended by the Admission Committee, of the approved intake for the Postgraduate courses. In Ph.D. courses, the Admission Committee may recommend candidates based on their performance in the interview and aptitude towards research.

COMMENCEMENT OF CLASSES

Commencement of classes for all Int. PG, PG, M.Tech. and Ph.D. programs Will be notified on website at acad.uohyd.ac.in

GENERAL INSTRUCTIONS

1) Wherever the interview is an essential component of the entrance examination for admission, though a candidate may have secured more in the written test, than the marks secured by the last candidate under the selected list, if that candidate has not appeared for the interview, he/she shall not be entitled to admission.

2) **Part-time registration to Ph.D.:** Facility exists to 1/8th of the total strength for all Schools/ Departments/Centres except the School of Computer and Information Sciences (SCIS) and School of Engineering Sciences and Technology (SEST) which can have up to 25% for part-time registration for Ph.D. Programs. Persons engaged in teaching and research in reputed institutions are eligible for admission under this category, provided they fulfill the minimum eligibility requirements and are found successful in the entrance examination as prescribed. This facility is limited to those working in the twin cities (Hyderabad and Secunderabad) in respect of Science Schools (except Mathematics and Statistics) and anywhere in Telangana and Andhra Pradesh for the remaining Schools. However, the conversion of part-time Ph.D. to full-time Ph.D. is not permissible.

3) **External Registration to Ph.D.:** The University also provides facilities for admission to the Ph.D. under the External Registration category. The external candidate shall work at the recognized institution. The admission procedure is the same as in the case of regular admissions to Ph.D. Candidates will be under joint supervision viz., one from the University and the other from the recognized institution.

In the case of External Registration to Ph.D. in Computer Science, the candidates who are working in the following Institutes given below in the twin cities alone are allowed to register under this category. Candidates who register under external registration should have a recognized co-guide/ Co-supervisor (recognized by the University) from the parent organization (listed below), and also a guide/ Supervisor from the School/ Department.

Tentative Schedule for Int.P.G and PG 2023-24:

Release of admission announcement	10.05.2023
Commencement of online applications	15.05.2023
Last date for submitting online applications	15.06.2023
Release of results and Schedule of counselling	Will be notified later

Tentative Schedule for Ph.D. 2023-24:

Release of admission announcement	1.5.2023	Monday
Commencement of online application submission	1.5.2023	Monday
Last date for submitting online application	30.5.2023	Tuesday
Downloading of Hall tickets for written test	17.6.2023	Saturday
Entrance Examinations (written test)	24.6.2023 25.6.2023	Saturday Sunday
Receiving of material from External Centres	26.6.2023	Monday
Handing over of descriptive answer books	27.6.2023	Tuesday
Submission of OMR Key to Controller of Examinations for all OMR based subjects by Schools/Departments/Centres	27.6.2023	Tuesday
Scanning of attendance	29.6.2023	Thursday
OMR evaluation	30.6.2023	Friday
Submission of descriptive marks to CE's office	3.7.2023	Monday
Tentative Schedule for notification of results and admissions		
Notification of list of selected candidates for interview	8.7.2023	Saturday
Interviews	18.7.2023 to 22.7.2023	Tuesday Saturday
Submission of interview marks	25.7.2023	Tuesday
Notification of list of selected/waitlisted candidates on the website	3.8.2023	Thursday
Admissions	10.8.2023 and 11.8.2023	Thursday Friday
Commencement of classes	**14.8.2023**	**Monday**

LIST OF THE EXTERNAL CENTRES RECOGNIZED BY THE UNIVERSITY

S.No.	Name of the Institution	Subject/s of Research
1	National Remote Sensing Centre	Physics, and Earth Ocean and Atmospheric Sciences
2	National Geophysical Research Institute (NGRI)	
3	Defence Metallurgical Research Laboratory	Physics, Engineering Sciences & Technology
4	National Institute of Rural Development (NIRD)	Economics and Anthropology
5	Centre for Economic and Social Studies	
6	National Institute of Small Industry Extension Training	Economics
7	Institute of Public Enterprise	
8	Advanced-Data Processing Research Institute	Computer Science
9	Advanced Numerical Research and Analysis Group (ANURAG)	
10	Research Centre Imarat (RCI)	
11	Institute for Development and Research in Banking Technology (IDRBT)	
12	ICAR - Indian Institute of Rice Research	Life Sciences
13	ICAR - Indian Institute of Oil Seeds Research	
14	International Crops Research Institute for Semi-Arid Tropics (ICRISAT)	
15	Centre for DNA Fingerprinting and Diagnostics (CDFD)	
16	Institute of Life Sciences (ILS)	
17	Bharat Biotech Foundation	
18	L V Prasad Eye Institute	Biochemistry, Animal Science and Medical Sciences
19	Shantha Biotechnics	Animal Sciences
20	Indian Immunologicals Ltd.	
21	National Institute of Nutrition (NIN)	Biochemistry
22	National Institute of Animal Biotechnology	Animal Sciences, Biochemistry, Biotechnology and Bioinformatics
23	International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI)	Engineering Sciences & Technology

24	Non-ferrous Materials Technology Development Centre (NFTDC)	
25	Asian Health Care Foundation	Medical Sciences
26	Indian National Centre for Ocean Information Sciences (INCOIS)	Earth Ocean and Atmospheric Sciences
27	Prof. C.R. Rao Advanced Institute of Mathematics, Statistics and Computer Science	Computer Science, Mathematics & Statistics, Biotechnology, and Bioinformatics
28	M/s Zen Technologies Pvt Ltdf	Computer Science

Semester-wise Registration System

To maintain an effective enrolment of students and their progress in their studies/research, the University has introduced a system of student registration at the beginning of each semester for all the courses offered on regular basis including part-time/external registration for Ph.D. A schedule for semester-wise registration is given in the Academic Calendar in the Prospectus. However, a schedule for semester wise registration will be notified by the Academic Section from time to time. Students of all the courses (P.G./ I.M.A./I.M.Sc. (5-Year Integrated) / M.Tech./ Ph.D./Integrated M.Sc./Ph.D.) are required to clear their dues of the earlier semester/s in all respects to be eligible for the registration to the following semester.

Every Ph.D. student (regular/part-time/external) should enclose a copy of the report of the doctoral committee of the previous semester to the requisition form of the semester registration, without which ongoing semester registration will not be done.

Implementation of Credit System for all the courses

The credit system has been implemented for all the courses/programs offered by the University. The guidelines for the evaluation of students under this system are available in Chapter 4 of this brochure.

General Instructions for applying to the Entrance Examination:

Age limit for 5-Year Integrated Courses: Candidates within Four (4) years from the date of completion of +2 (Intermediate/Higher Secondary/etc.) will be eligible.

All disputes are subject to Hyderabad jurisdiction.

While giving information under the RTI Act 2005, the personal information like mobile no., address of the applicant will not be disclosed.

IMPORTANT

It may be noted that all those who will appear entprance examination including interview/practical test and allowing a candidate to complete the provisional admission will not entitle a candidate for any claim on the provisional admission if she/he does not fulfill the required eligibility conditions for admission as prescribed in the Prospectus-cum-application form 2023-24 which will be verified at the time of admission. At any stage (during the pursuance of the course/program if it is found that any candidate does not fulfill the minimum eligibility requirements or had submitted a fake educational or caste certificate, the provisional admission that was granted, shall be cancelled forthwith.

Bringing in political pressure/ influence in any manner at any stage i.e. entrance examination, admission or while pursuing the course will lead to cancellation of admission.

Note: Candidates who are presently a student of University of Hyderabad have to mandatorily clear their Dues and submit No Dues in the format prescribed before they are granted admission to a different program.

List of Examination Centres:

Ph.D. Entrance Examinations 2023-24 on 25th and 26th June, 2023

Code	Centre	Venue of the Centre Will be notified later at acad.uohyd.ac.in website
1.	Hyderabad	
2.	Bhubaneswar	
3.	New Delhi	
4.	Guwahati	
5.	Jaipur	
6.	Kochi	
7.	Kolkata	
8.	Kozhikode (Calicut)	
9.	Lucknow	
10.	Patna	
11.	Varanasi	
12.	Vijayawada	

Prime Minister's Research Fellows (PMRF) Scheme

From the year 2020, the University of Hyderabad is a fellowship granting institution under the prestigious Prime Minister's Research Fellows (PMRF) Scheme, Ministry of Education, Government of India. After joining the Ph.D. programs offered by all science schools, all the eligible students are encouraged to apply for the fellowship under the PMRF scheme. The University of Hyderabad issues internal circulars inviting applications from all the eligible Ph.D. scholars for internal scrutiny and selection for nomination by Internal Expert Committee. From the nominations sent from the University, the central PMRF selection committee will select the final candidates through a rigorous selection process, and the candidates' performance will be reviewed suitably through a national convention. The following would be the fellowship for the PMRFs:

Year	**Amount (Rs.) per Month**
Year 1	70,000
Year 2	70,000
Year 3	75,000
Year 4	80,000
Year 5	80,000

Apart from the fellowship, each Fellow would be eligible for a research grant of Rs. 2 Lakhs per year (total of Rs 10 Lakhs for five years). For the year 2022, already 9 PMRF fellows have been selected for the University of Hyderabad.

FEE STRUCTURE FOR THE ACADEMIC YEAR 2023-24

1. Courses
2. Other fee (Per Sem)
3. Tuition Fee (Per Sem)
4. Students Union Fund (Per Annum)
5. Medical Fee (Per Annum) *
6. Student Welfare/Aid Fund (Per Annum)
7. Deposits (Refundable)
8. Grand Total

Figure in Rupees

Sl.No	Courses	Other Fee	Tuition fee	Students Union Fund	Medical Fee	Students Welfare/Aid fund	Deposits (Refundable)	Grand Total
	1	2	3	4	5	6	7	8
1.	**M.A. (5-year Integrated) & M.A.** Courses in Humanities/ Social Sciences/ Economics & Certificate Course in Publishing	0	2400	530	2120	240	1960	7250
2.	**6 – Year Int. M.Sc**. (M. Optometry)	7260	15815	530	2120	240	3520	29485
3.	**M.Sc**. Maths/Statistics/ Physics	0	3560	530	2120	240	2340	8790
4.	**M.Sc.** Chemistry/ Plant Biology & Biotechnology/ Molecular Microbiology/ Neural & Cognitive Science, M.Sc. (5-year Integrated) Sciences /Applied Geology / **&** **M.Sc.** (5-year Integrated) Health Psychology upto 6th semester fees is shown at sl.No.4 of this Table, and from 7th semester onwards fee payable is shown at serial no. 8 of this Table	0	3725	530	2120	240	3520	10135
5.	**M.Sc.** Biochemistry **/M.ED Education**	910	3725	530	2120	240	3520	11045
6.	**M.Sc.** Animal Biology & Biotechnology	3300	3725	530	2120	240	3520	13435
7.	**M.Sc**. Biotechnology	0	9220	530	2120	240	3520	15630
8.	**M.Sc**. Health Psychology & **M.Sc (5 Years Integrated)** Health Psychology fees from 7th semester onwards	3630	8775	530	2120	240	3520	18815
9.	**M.P.A.** Dance/ Theatre Arts / Music	0	3725	530	2120	240	2340	8955
10.	**M.V.A.** Painting/ Print Making/ Sculpture/ Art History	1375	3725	530	2120	240	2340	10330
11.	**M.A.** Communication (Media Practice)	8800	4345	530	2120	240	2340	18375
12.	**M.A.** Communication (Media Studies	6600	4345	530	2120	240	2340	16175
13.	**M.C.A.**	5225	19835	530	2120	240	2340	30290
14.	**M.B.A.** General	6050	42470	530	2120	240	4985	56395
15.	**M.B.A.** Business Analytics	13750	117210	530	2120	240	4985	138835

Sl.No	Courses	Other Fee	Tuition fee	Students Union Fund	Medical Fee	Students Welfare/Aid fund	Deposits (Refundable)	Grand Total
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
16.	+ **Executive M.B.A. (At the time of admission)**	110000	102125	530	2120	240	4985	220000
	II Semester & IV Semester	0	220000	0	0	0	0	220000
	III Semester	0	217110	530	2120	240	0	220000
17.	**M.B.A.** Health Care **M.P.H.** - Master of Public Health	6440	54040	530	2120	240	4985	68355
18.	**5-year Integrated M.Tech. (CS)**	5225	19735	530	2120	240	2340	30190
19.	**M.Tech.** (CS / AI / IT) **M.Tech**. (IC Technology & Bioinformatics) **M.Tech.** – Materials Engineering	5225	19735	530	2120	240	2340	30190
20.	**M.Tech. –** Nanoscience & Technology	6875	19735	530	2120	240	2340	31840
21.	**M.Tech.** – Information Security; and **M.Tech.** Modelling & Simulation	8250	42325	530	2120	240	2340	55805
22.	**M.Tech.** Microelectronics & VLSI Design	15235	19735	530	2120	240	2340	40200
23.	**Int. M.Sc./ Ph.D.** Biotechnology	0	4630	530	2120	240	3520	11040
24.	**Int. M.Sc./Ph.D. -** Animal Biology and Biotechnology, - Biochemistry and Molecular Biology	0	4630	530	2120	240	3520	11040
PhD (Full – time)								
25.	**Ph.D.** Humanities /Social Sciences and Economics	0	3460	530	2120	240	1960	8310
26.	**Ph.D.** Mathematics / Statistics-OR/ Computer Science/ Physics/ Electronics Science and Engineering, Management Studies, S.N.School, & Psychology	0	4630	530	2120	240	2340	9860
27.	**PhD** Chemistry / Life Sciences/ ACRHEM/ Earth & Space Science/ Medical Sciences	0	4630	530	2120	240	3520	11040
28.	**Ph.D.** Materials Engineering, Nano Science & Technology	0	11940	530	2120	240	3520	18350
PhD (Part – time / External Registration)								
29.	**Ph.D.** Humanities /Social Sciences and Economics	5000	4150	530	2120	240	1960	14000
30.	**Ph.D.** Mathematics / Statistics/ Computer Science/ Physics/ Electronics Science and Engineering, Management Studies, S.N.School & Psychology	5000	5420	530	2120	240	2340	15650
31.	**Ph.D.** Chemistry / Life Sciences/ ACRHEM/ Earth & Space Science/ Medical Sciences	5000	5420	530	2120	240	3520	16830

IMPORTANT:

1. * Medical Insurance fee will be as per actuals and Non-refundable and may vary on year-to-year basis.
2. Fee shown at Sl.No.2 to 7 has to be paid at the time of admission.
3. Fee shown at Sl.No. 2 & 3 has to be paid during January – June and July to December semesters.
4. Fee shown at Sl.No.4 to 6 has to be paid during July – December semesters subsequently
5. + There is no scholarship or fee reimbursement scheme for this programme.
6. All the candidates granted admission under PH/PwD/PwBD category are exempted from the payment of Tuition and Other fees.

FEES PAYABLE BY INTERNATIONAL STUDENTS

S.No	Program	Foreign students and NRI students fees per semester (in US $)		SAARC & Korean students fees per semester (In US$)	
		For each semester	one-time Development Fee at the time of admission	For each semester	one-time Development Fee at the time of admission
1.	Master in Computer Applications, 5-year Integrated M.Tech. (Computer Science), M.Tech. (CS/AI/IT), M.Tech (IC Technology & Bioinformatics) M.Tech. Materials Engineering, M.Tech. Nanoscience & Technology	1705	1000	853	500
2.	M.Tech. Modeling and Simulation, M.Tech. – Information Security.	2200	1000	1100	500
3.	M.B.A. General, M.B.A. Business Analytics, M.B.A. Health Care & Hospital Management, & MBA Executive	7975	1000	3988	500
4.	M. Optometry, 5-Year Integrated M.Sc. Health Psychology, M. Health Psychology, M.Sc. Animal Biology & Biotechnology,	1705	1000	853	500
5.	MPH-Master of Public Health, 6-years Integrated M.Sc. M.Sc. Mathematics/Statistics/Physics, M.Sc. Chemistry/Plant Biology & Biotechnology/ Molecular Microbiology/Ocean and Atmospheric Science/Neural & Cognitive science, M.Sc. (5-year Integrated) Sciences/Applied Geology/ M.Sc. Biochemistry, M.Sc. Biotechnology.	1705	0	853	0
6.	M.A. (5-year Integrated), M.A. Courses in Humanities, Social Sciences & Economics, M.P.A. Dance/Theatre Arts/Music, M.F.A. Painting/Print Making/Sculpture/Art History, and Certificate course in Publishing	990	0	495	0
7.	M.A. Communication (Media Practice)	2200	1000	1100	500
8.	M.A. Communication (Media Studies)	1980	1000	990	500
9.	Ph.D. (Full time) Humanities / Social Sciences and Economics	1320	0	660	0
10.	Ph.D. (full-time) Mathematics/Statistics/ Computer Science/ Physics/ Electronics science and Engineering, Management Studies, S.N. School & Psychology Ph.D. Chemistry/ Life Sciences/ ACRHEM/ Earth & Space Science/ Medical Sciences Integrated M.Sc./Ph.D. Biotechnology Integrated M.Sc./Ph.D. Biochemistry & Molecular Biology / Integrated M.Sc./ Ph.D. Animal Biology & Biotechnology, Ph.D. Materials Engineering, Nano Science & Technology	1705	0	853	0

IMPORTANT: Medical Insurance fee every year (July-December Semester) is payable as per actuals in Indian rupees and non-refundable and may vary on year-to-year basis. Students Welfare/Union Fund and Students aid fund mentioned at previous page should also be paid in Indian Rupees every year during (July-December Semester). Deposits is to be paid in Indian Rupees at the time of admission. Foreign Nationals/ NRIs are required to pay the above specified semester fees and Rs. 360 towards the Alumni fund in Indian Rupees.

Minimum qualifications and Intake for admission to various courses for the Academic Year 2023-24 (July 2023 Session)

Integrated Master's degree Programs (5-years)

Course	Subject	Intake	Minimum Qualifications for admission
M.Sc. (5-Year Integrated) in Sciences	Mathematical Sciences	20	With a minimum of 60% marks at +2 level of education with Science subjects only. **NOTE:** For admission to Mathematical Sciences and Physics stream, it is essential to have **Mathematics** as one of the subjects at **+2 level.** **NOTE:** Candidates admitted to I.M.Sc. Chemical Sciences should be able to conduct their experiments on their own. There will be no provision for allowing any assistance or scribe to do the experiments.
	Physics	40	
	Chemical Sciences	30	
	Biology Biochemsitry	08	
	Plant Biology and Biotechnology	08	
	Animal Biology and Biotechnology	08	
	Biotechnology and Bioinformatics	08	
	Microbiology and Immunology	08	
	Systems and Computational Biology	08	
	Applied Geology	10	
M.Sc. (5-Year Integrated)	Health Psychology	20	With a minimum of 60% marks at +2 or equivalent in Arts or Sciences.

M.A. **(5-Year Integrated) in Humanities**	**Telugu** **Language Sciences** **Hindi** **Urdu**	19 19 20 14	With a minimum of 60% marks at +2 level of education with Telugu/English/ Hindi/Urdu as one of the subjects. (**Note**: The students who are applying for English/Hindi/Urdu should have studied respective subjects at +2 level.) In case a student has not studied Hindi/Urdu as one of the subjects, he/she should have passed an oriental title examination equivalent to Intermediate (i.e. + 2 level) in Hindi/Urdu by Government of India or any State Government thereof along with + 2 level. **Note:** Candidates who have studied Telugu upto 10th class, could not studied Telugu as one of the subjects at+1 and +2 (Intermediate level) can also apply IMA Telugu program.
M.A. **(5-Year Integrated) in Social Sciences**	**Economics** **History** **Political Science** **Sociology** **Anthropology**	14 13 13 14 13	With a minimum of 60% marks at +2 level of education

Note: The running of any program/course is subject to a minimum of five students taking admission.

Integrated Master in Optometry (6-Years)

Integrated Master of Optometry (I.M.Optom)	**Optometry**	28	With a minimum of 60% aggregate marks in Intermediate/CBSE/ICSE/HSC or equivalent Board Examination with Science subjects.

Note: Candidates those who have passed the qualifying examination (Intermediate / Higher Secondary / etc) within the last Four (4) years will only be eligible to apply.

Post-graduate Programs

Course	Subject	Intake	Minimum Qualifications for admission
M.Sc.	**Mathematics/ Applied Mathematics**	50	Bachelor's degree with a minimum of 60% marks in the aggregate of optional subjects with Mathematics/ Statistics as one of the subjects; OR with at least 55% of marks for those students who have done B.A. /B.Sc. (Hons) course in Maths / Statistics.
M.Sc.	**Statistics**	25	Same as above
M.Sc.	**Physics**	56	B.Sc. with a minimum of 60% marks in the aggregate of subjects with Physics as one of the main subjects in combination with Mathematics OR with at least 55% marks in BE / BTech degree with a minimum of 60% in the aggregate of science subjects: Physics, Mathematics, and Electronics.

M. Sc.	**Chemistry**	56	B.Sc. with a minimum of 60% marks in the aggregate of Science subjects with Chemistry as one of the subjects, preferably in combination with Physics and Mathematics. **NOTE:** Candidates admitted to M.Sc. Chemistry should be able to conduct their experiments on their own. There will be no provision for allowing any assistance or scribe to do the experiments.
M.Sc.	**Biochemistry**	26	B. Sc. with a minimum of 60% marks in the aggregate of Science subjects with Chemistry or Biochemistry as one of the subjects.
M.Sc.	**Plant Biology & Biotechnology**	23	B.Sc. with a minimum of 60% marks in aggregate of science subjects with Botany/Biochemistry/Chemistry, Microbiology, and Genetics subjects are eligible to apply for admission to M.Sc. Plant Biology and Biotechnology. Admissions to the program will be *via* the CUET (The Common University Entrance Test). The Department also admits international students following University guidelines.
M.Sc.	**Microbiology & Immunology**	15	B.Sc. with a minimum of 60% marks in aggregate of science subjects with Microbiology/Botany/ Biochemistry/ Chemistry, and Genetics subjects are eligible to apply for admission to M.Sc. Microbiology and Immunology. Admissions to the program will be *via* the CUET (The Common University Entrance Test). The Department also admits international students following University guidelines.
M.Sc.	**Animal Biology and Biotechnology**	23	Any graduate in Natural and allied Sciences/B.Tech (Biotechnology) with minimum 60% cumulative marks in science subjects are eligible to apply for the admission to M.Sc Animal Biology and Biotechnology. Admissions to the program will be through the CUET (Common University Entrance Test)

M.P.H.	**Public Health**	38	Bachelor's degree in Medicine, Dentistry, AYUSH, Physiotherapy, Occupational therapy, Nursing, Nutrition, Pharmacology, Veterinary Sciences, Agricultural Sciences, Social sciences or any other science degree. Degree holders in arts and humanities with an interest in public health are also encouraged to apply. Applicants should have a minimum of 55% marks in the qualifying bachelor's degree examinations.
M.Sc.	**Ocean and Atmospheric Sciences**	10+5*	With at least 55% marks in the Batchelor's degree in any branch of Science with Mathematics and Physics as compulsory subjects at the B.Sc. level or B.Tech in Civil/Mechanical/Electrical. * Sponsored
M.Sc.	**Health Psychology**	15	With a minimum of 60% marks at the Graduate level with Psychology as one of the subjects for 3 years.
M.Sc.	**Neural and Cognitive Science**	16	Minimum prerequisite is Bachelor's degree with a minimum of 55% marks in any branch of Natural Sciences, Mathematics, Engineering and Computer Science; Social sciences, Humanities, MBBS.
M.A.	**English**	56	At least 50% marks in the Bachelor's degree with at least 50% marks in English as optional subject; **OR** at least 50% marks in the Bachelor's degree with at least 55% marks in English as a compulsory subject.
M.A.	**Philosophy**	28	Bachelor's degree in any subject(s) with at least 50% marks in aggregate.
M.A.	**Hindi**	47	A Bachelor's degree with 50% marks in any subject with Hindi as one of the optional subjects/compulsory subjects/or second language. Or, A Bachelor's degree with 50% marks in any subject with an oriental title examination of B.A. standard approved by the Government of India or any State Government, like 'Praveen' and 'Sahitya Ratna' or any other title recognized thereof.
M.A.	**Telugu**	56	With at least 50% marks in the Bachelor's degree with at least 50% marks in Telugu as an optional subject; OR with at least 50% marks in the Bachelor's degree with at least 55% marks in Telugu as the compulsory subject.

M.A.	**Urdu**	25	With at least 50% marks in the Bachelor degree or equivalent with at least 50% marks in Urdu, Persian or Arabic as optional papers; OR Bachelor's degree or equivalent with at least 55% marks in Urdu, Persian or Arabic as a Compulsory subject i.e. as a second language
M.A.	**Applied Linguistics**	25	At least 50% marks or an equivalent grade in any Bachelor's degree (10 + 2 + 3 pattern) in aggregate with 50% marks in English as a compulsory or optional subject.
M.A.	**Comparative Literature**	25	At least 50% marks or an equivalent grade in any Bachelor's degree with 50% marks or an equivalent grade in English as compulsory or optional subject.
M.A.	**Sanskrit Studies**	20	B.A. in Sanskrit/Shastri/ Vidwanmadhyama/ Acharya OR Graduate from any discipline with Sanskrit as a subject at High School/Higher Secondary/College levels OR Graduate from any discipline with a certificate or PG Diploma in Sanskrit Note: Admission is confirmed only upon submitting an SOP before attending a personal interview.
M.A.	**English Language Studies**	24	Graduates from any discipline with at least 50% marks (with English as a subject in High School, Intermediate and at least one year in the Graduate program, with at least 55% marks in English).
M.A.	**History**	65	With at least 50% marks in the Bachelor's degree and at least 50% marks in History; OR with at least 50% marks in the Bachelor's degree and at least 55% marks in aggregate in the allied subjects viz. Political Science, Public Administration, Economics, Sociology, Anthropology, Indology, Archaeology, Ancient Indian History and Culture; OR Bachelor's degree in any subject(s) with at least 60% marks in aggregate.
M.A.	**Political Science**	65	Bachelor's degree with at least 50% marks or Equivalent Grade in Social Sciences or Humanities subjects OR 55% marks in any other subject.

M.A.	**Sociology**	65	With at least 50% marks in the Bachelor's degree and at least 50% marks in the subject concerned OR with at least 50% marks in aggregate in the allied subjects viz., all Social science subjects, Philosophy, Communication, Linguistics; OR Bachelor's degree in any subject (s) with 60% marks in aggregate.
M.A.	**Anthropology**	30	At least 50% marks in the Bachelor's degree.
M.Ed.	**Education**	50	Minimum qualifications as per NCTE norms (should have obtained at least 50% Mark's or an equivalent grade in the following programs) **1.** B.Ed.; **2.** B.A. B.Ed./ B.Sc. B.Ed.; **3.** B.El. Ed. **4.** D.El. Ed. with an undergraduate degree with 50% marks in each
M.A.	**Gender Studies**	20	With at least 50% marks in the Bachelor's degree in any stream from Social Sciences or Humanities or Sciences with a minimum of 50%.
M. A.	**Economics**	75	A Bachelor's degree in Economics with at least 50% marks in aggregate and at least 50% marks in Economics; OR Bachelor's degree with at least 60% marks in any of the allied subjects viz. Commerce, Statistics, Mathematics, Engineering or any of the Social Sciences subjects.
M. A.	**Financial Economics**	37	A Bachelor's degree in Economics with at least 50% marks in aggregate and at least 50% marks in Economics; OR Bachelor's degree with at least 60% marks in any of the allied subjects viz. Commerce, Statistics, Mathematics, Engineering or any of the Social Sciences subjects like History, Political Science, Sociology, Anthropology. **AND** Mathematics at + 2 Level

PG Programs offered by the Sarojini Naidu School of Arts and Communication

Course	Subject	Intake	Minimum Qualifications for admission
M.P.A.	**Dance (Kuchipudi)**	10	Bachelor's degree in dance with Kuchipudi (or) Bachelor's degree in any subject with a professional diploma or certificate in dance (Kuchipudi) recognized by the University (or) Bachelor's degree in any subject with a certificate from a reputed Guru recognized by the University to the effect that the candidate has undergone training in Kuchipudi dance under him/her for a period not less than five years. (The experience/training certificate should be furnished along with the application)
M.P.A.	**Dance (Bharatanatyam)**	10	Bachelor's degree in dance with Bharatanatyam (or) Bachelor's degree in any subject with a professional diploma or certificate in dance (Bharatanatyam) recognized by the University (or) Bachelor's degree in any subject with a certificate from a reputed Guru recognized by the University to the effect that the candidate has undergone training in Bharatanatyam under him/her for a period not less than five years. (The experience/training certificate should be furnished along with the application) OR A candidate with 10+ 4 years fulltime diploma in Bharatanatyam from Kalakshetra Foundation, Chennai with one-year practical work experience in an institution; OR A candidate with 10 + 2 + 4 years full-time diploma in Bharatanatyam from Kalakshetra Foundation, Chennai.
M.P.A.	**Theatre Arts**	17	Any graduate with an aptitude for Theatre. Experience in Theatre or any Performing Art will be an added advantage.

M.P.A.	**Music** **(Karnataka – Vocal)** **(Karnataka - Instrumental Veena)**	10	Bachelor's degree in Music in the concerned specialization (Vocal/Instrumental) with a minimum of 55% in the aggregate or equivalent CGPA; OR Bachelor's degree in any subject with a Professional Diploma in Music in the concerned specialization (Vocal/Instrumental), with a minimum of 55% in the aggregate or equivalent CGPA, recognized by the University; OR Bachelor's degree in any subject with a minimum of 55% in the aggregate or equivalent CGPA with a Certificate from a reputed Guru recognized by the University to the effect that the candidate has undergone rigorous training in music in the concerned specialization under him/her for a period not less than five years. (The experience/training certificate should be furnished during the practical test) * No ceiling on age **NOTE**: THE ENTRANCE EXAMINATION CONSISTS OF ***PART I AND PART II*** **Part I** will be based on the written Exam for which the weightage of marks will be 50% **Part II** will be based on a practical test in the specialized form and an interview, for which the weightage of marks will be 50%

M.P.A.	**Music** **(Hindustani–Vocal)** **(Hindustani - Instrumental Sitar)**	10	Bachelor's degree in Music in the concerned specialization (Vocal/Instrumental) with a minimum of 55% in the aggregate or equivalent CGPA; OR Bachelor's degree in any subject with a Professional Diploma in Music in the concerned specialization (Vocal/Instrumental), with a minimum of 55% in the aggregate or equivalent CGPA, recognized by the University; OR Bachelor's degree in any subject with a minimum of 55% in the aggregate or equivalent CGPA with a Certificate from a reputed Guru recognized by the University to the effect that the candidate has undergone rigorous training in music in the concerned specialization under him/her for a period not less than five years. (The experience/training certificate should be furnished during the practical test) * No ceiling on age **NOTE:** THE ENTRANCE EXAMINATION CONSISTS OF ***PART I AND PART II*** **Part I** will be based on the written Exam for which the weightage of marks will be 50% **Part II** will be based on a practical test in the specialized form and an interview, for which the weightage of marks will be 50%
MVA	**Painting and Expanded Media** **Printmaking and Expanded Media** **Sculpture and Expanded Media**	17 10 10	Bachelor's Degree in Fine Arts BFA/BVA or BA (Fine Arts). <u>Essential requirements at the time of application:</u> i) Applicant must specify the stream (Painting/Print Making/Sculpture) on priority basis on which they wish to apply to the Department of Fine Arts. Painting/Print Making/Sculpture 1…….. 2…….. 3…….. NOTE: In addition to the online application form submitted to the University of Hyderabad, each applicant must also send a soft copy of the online application along with 15 properly labeled digital images of recent works to **<u>snfa.entranceimages@uohyd.ac.in</u>**

MVA	**Art History & Visual Studies**	10	Bachelor Degree in Fine Arts: BFA, BVA or BA (Fine Arts). Candidates from related disciplines like Social Sciences, Sciences, Arts and Humanities may also be considered provided they demonstrate evidence of aptitude in Art History, capacity to read visual images and demonstrate adequate knowledge of contemporary artistic practices. Students must provide evidence of training or practice in visual arts at the time of the oral interview by bringing sketchbooks, art works or photographs of their original art works.
M.A.	**Communication (Media Studies)**	25	Graduate in any degree with a minimum of 55% marks
M.A.	**Communication (Media Practice)**	25	Graduate in any degree with a minimum of 55% marks

Management Studies Programs

MBA	**Health Care & Hospital Management**	37+5*	A Bachelor's Degree from a recognized University with a minimum of 60% marks in Ayurvedic, Homeo, Unani, Dental, Physio Therapy, Nursing, Pharmacy, Pharm. D, Medical Lab Technology, Biomedical, Biotechnology and any Life Science Subjects. Candidates with MBBS background with 55% marks are eligible to apply. Work experience in the Medical/Health Care sector is highly desirable. ***Industry sponsored candidates**
MBA	**Business Analytics**	37+5*	Bachelor's degree or it's equivalent with a minimum of 60% marks or equivalent grade of any recognized University. Preference will be given to those who have an academic background/experience in Engineering/ Mathematics / Statistics ***Industry sponsored candidates**
MBA	**Executive (Weekend)**	40	Bachelor's degree or its equivalent with a minimum of 55% marks or equivalent grade of any recognized University. Applicants should also have a minimum of THREE years of work experience.

Ph.D. Programs

Note: Date and Time of Written test and Interview will be notified on University academic website at acad.uohyd.ac.in

Course	Subject	Intake	Minimum Qualifications for admission	Mode of Admission
Int. M.Sc.-Ph.D.	Biotechnology	06	Bachelor's degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, 4 Year Engineering / Technology, B.Sc. (Physician Assistant Course) or Medicine (MBBS) or BDS with at least 55% marks. Qualifying degree should have been awarded within 2 years preceding the year of the entrance examination.	(a) Through GAT-B common entrance test in **Biotechnology** followed by interview. For the selection, 70% of the weightage will be given to GAT-B score and 30% weightage to be given to interview. The candidates selected for Integrated M.Sc.Ph.D. program are NOT eligible for fellowship from DBT. (b) University will not be conducting separate Entrance Examination for the program.
Int. M.Sc. - Ph.D.	Biochemistry and Molecular Biology	06	B.Sc. with a minimum of 60% marks in the aggregate o science subjects with chemistry or Biochemistry as one of the subjects.	(a) CUET(PG)-2023 score of the subject **M.Sc.- Biochemistry** is required to apply and submit UoH online application (b) The same CUET(PG)-2023 Score will be considered in order of merit for shortlisting of the candidates for interview. (c) For the selection, 70% of the weightage will be given to CUET Entrance Exam marks and 30% for Personal Interview. (d) University will not be conducting separate Entrance Examination for the program.

Course	Subject	Intake	Minimum Qualifications for admission	Mode of Admission
Int. M.Sc.-Ph.D.	**Animal Biology & Biotechnology**	06	Any graduate in Natural and allied Sciences/B.Tech (Biotechnology) with minimum 60% cumulative marks in science subjects are eligible to apply for the admission to Int. M.Sc.- Ph.D. Animal Biology and Biotechnology. .	(a) CUET(PG)-2023 score of the subject **M.Sc.- Animal Biology & Biotechnology** is required to apply and submit UoH online application (b) The same CUET(PG)-2023 Score will be considered in order of merit for shortlisting of the candidates for interview. (c) For the selection, 70% of the weightage will be given to CUET Entrance Exam marks and 30% for Personal Interview (d) University will not be conducting separate Entrance Examination for the program.

Ph. D.	**Mathematics**	04	With at least 55% marks or equivalent grade in Master's degree in Mathematics/Applied Mathematics
Ph. D.	**Applied Mathematics**	01	With at least 55% marks or equivalent grade in Master's degree in Mathematics/Applied Mathematics
Ph. D.	**Computer Science**	15	With at least 55% marks in Master's Degree in any Engineering/ Technology/Computer Science/ Mathematics/ Statistics/ Bioinformatics OR with 60% marks in B.E./B.Tech. OR M.Phil. in Mathematics or Statistics OR with 60% marks in 3-year MCA program.
Ph.D.	**Physics**	20	With at least 55% marks in M.Sc. degree in Physics or closely related subject / Master's degree in Technology with sufficient Physics background, in terms of courses necessary to carry out research in Physics.

Ph.D.	**Electronics Science and Engineering**	**07**	(a)At least 60% aggregate marks in the Master's degree in Electronics Science /Electronics/Applied Electronics/ Electronics and Communication/ Engineering Physics & Instrumentation/ Physics (with Electronics as one of the Subjects)/ Radio physics/ Radio Physics & Electronics **OR** (b) with at least 60% aggregate marks in the B.E./ B.Tech., in Electronics, Instrumentation and Control Engineering/ Electronics and Communication Engineering/ Electronics and Control systems/ Electronics and Information Systems/ Electronics and Instrumentation/ Electronics Engineering/ Electronics Science and Engineering/ Electronics Technology/ Instrumentation/ Instrumentation & Electronics Engineering / Instrumentation & Control Systems/ Instrumentation Technology. The admission to Ph.D. (Electronics Science and Engineering) is based on entrance examination. This entrance examination is a qualifying one as per UGC regulations. On the basis of their performance, students who qualify in the entrance examination will be called for an interview. However, those who have qualified for UGC-JRF in Electronics Science can apply directly against University notification and appear for an interview. The framework for the interview will be as per the UGC Regulations.
Ph.D.	**Earth, Ocean and Atmospheric Sciences**	09	Master's degree in Geology / Applied Geology / Geophysics / Applied Geophysics / Ocean Sciences/ Atmospheric Sciences/ Meteorology or a closely related area with at least 55% marks.
Ph. D.	**Chemistry**	24	M.Sc. OR equivalent degree in Chemistry or in allied subjects with at least 55% marks. (Note: M.Sc. in Physics or Materials Science or Life Sciences are treated as allied subjects for this purpose) NOTE: Candidates admitted to Ph.D. Chemistry should be able to conduct their experiments on their own. There will be no provision for allowing any assistance or scribe to do the experiments.

Ph.D.	**Biochemistry**	13	M.Sc. in Biochemistry or in a closely related area or M.Sc. / M.Tech. in Bioinformatics or MBBS with at least 55% marks. PhD admission have both an entrance exam followed by an interview. Candidates qualified for JRF from CSIR-UGC/ICMR/DBT will be exempted from the written test and allowed to appear for the interview.
Ph.D.	**Plant Sciences**	09	With at least 55% marks in M.Sc. in any branch of Life Sciences or M.Tech. in Bioinformatics/Biotechnology.PhD admission have both an entrance exam followed by an interview. Candidates qualified for JRF from CSIR-UGC/ICMR/DBT will be exempted from the written test and allowed to appear for the interview.
Ph. D.	**Animal Biology**	05	Candidates with at least 55% marks in Master & degree in Animal Biology or in any area of Life Sciences/M.Tech in Bioinformatics or Biotechnology, M.Pharm, or M.V.Sc are eligible to apply. PhD admission have both an entrance exam followed by an interview. Candidates qualified for JRF from CSIR-UGC/ICMR/DBT will be exempted from the written test and allowed to appear for the interview.
Ph.D.	**Biotechnology**	06	With at least 55% marks in Master's degree in Biotechnology/Biology or a closely related area/ Medical Biotechnology/ Biomedical Science/ MSc Systems Biology/5-year Integrated MSc in Systems Biology/Biology or related areas OR an MBBS/ M. Tech. Biotechnology/ M.Sc./M.Tech Bioinformatics, M. Pharm, M.V.Sc with a minimum of 55% marks. PhD admission have both an entrance exam followed by an interview. Candidates qualified for JRF from CSIR-UGC/ICMR/DBT will be exempted from the written test and allowed to appear for the interview.

Ph.D.	**Systems and Computational Biology**	02	M.Sc./M.Tech. in Bioinformatics/ Systems Biology/ Computational Biology/ Biotechnology with minimum 55% marks OR 5-year Integrated M.Sc. in Systems Biology with minimum 55% marks OR M.B.B..S /M.V.Sc./ ME or M.Tech. (Electronics/Electrical Eng M.E. (Biomedical engineering, chemical engineering, Bioengineering, biochemical engineering, Electronics/ Bioelectronics engineering, computer engineering, IT and AI engineering)/ M. Pharm. with at least 55% marks. The Following are also desired: 1. Have studied both Mathematics and Biology upto Intermediate i.e., 10+2 standard. 2. One or more of the following skill sets: computer programming (R /C /Python /Java /Fortran /Mat lab etc.), knowledge of Calculus and numerical methods, Mathematical modelling, Statistics and Machine learning methods, Bioinformatics tools.
Ph. D.	**English**	07	Master's degree in the subject concerned with at least 55% of marks.
Ph. D.	**Philosophy**	07	With atleast 55% marks in MA Philosophy. Exceptionally good candidates from related fields may be considered subject to the availability of expertise within the Department.
Ph.D.	**Telugu**	12	M.Phil. degree in the subject concerned and Master's degree in the subject concerned with at least 55% marks OR Master's degree in the subject concerned with at least 55% marks
Ph.D.	**Hindi**	12	With at least 55% marks in Master's degree in Hindi
Ph.D.	**Urdu**	05	With at least 55% marks in Master's degree in the subject concerned

Ph.D.	**Applied Linguistics**	03	(a) PG in Linguistics / Applied Linguistics with at least 55% marks or an equivalent grade. OR (b) PG in allied subjects with a minimum of 60% marks/equivalent grade and at least 12 credits in Linguistics/Applied Linguistics courses. (Allied subjects include English Language Studies (ELS), Language & Literature, Speech & Hearing, Cognitive Science, Anthropology, Philosophy, Sociology, Psychology, Computer Science, Mathematics, Statistics, Communication Studies) Candidates should have acquired their PG degree in English medium only. Note: Only those candidates who meet these minimum requirements will be called for an interview.
Ph.D.	**Translation Studies**	01	a) PG in Linguistics / Applied Linguistics / Translation Studies / Literature with a minimum of 55% marks. OR (b) PG in any other discipline with a minimum of 60% marks/equivalent grade. Note 1: The candidates who passed their qualifying examination in non-English medium should have minimum 60% marks in English as one of the subjects at their graduate examination. Note 2: Only those candidates who meet these minimum requirements will be called for an interview.
Ph.D.	**Comparative Literature**	04	Master's degree in Comparative Literature or in any language / literature or allied / relevant discipline with at least 55% marks or an equivalent grade. The candidate must have adequate knowledge of at least two languages / literatures (one of which may be English).
Ph.D.	**Sanskrit Studies**	02	a) With at least 55% marks in Master's Degree in Sanskrit or equivalent/Natural Language Processing OR; b) With at least 55% marks in B.A.M.S.

Ph. D.	**History**	09	With at least 55% marks or Equivalent Grade in M.A. in History OR Master's in allied subjects from the Social Sciences The Medium of the Ph.D. Program is English. All the students applying for the Program are required to have adequate English language skills.
Ph. D.	**Political Science**	12	With at least 55% marks or Equivalent Grade in Master's degree in Political Science/any Social Sciences /Humanities subjects
Ph. D.	**Sociology**	16	Master's degree in Sociology or other Social Sciences including Cultural Studies with at least 55% marks.
Ph.D.	**Anthropology**	03	M.A./M.Sc. in Anthropology with a minimum 55% marks OR M.A. in allied subject with at least 60% marks
Ph.D.	**Education**	07	with at least 55% marks or equivalent grade Master's in Education/ Psychology/ Philosophy/ Sociology/ Social Anthropology/Adult and Continuing Education/ Population Studies/Social Work/Women Studies/ English
Ph.D.	**Regional Studies**	03	With at least 55% marks or equivalent grade in M.A. in any Social Science discipline OR M.Sc. in Geography / Disaster Management/ Environment Studies. Eligible candidates willing to work in the identified thrust areas of research at the Centre, including Development, Urban & Regional issues, Environment, Disasters, Tribal Studies, Migration, Borderlands, Violence, and collective identities, will be preferred. Coursework is compulsory for all students in Ph.D. in the Centre. Note: Candidates should have an M.A. degree in English medium only.
Ph.D.	**Social Exclusion and Inclusive Policy**	08	A Master's degree with any one of the following mentioned subjects with at least 55% marks or equivalent grade. Anthropology, Economics, Education, History, Human Rights, Political Science, Public Administration, Public Policy, Social Exclusion and Inclusive Policy, Social Work, Sociology, Social Geography, Women/Gender Studies.

Ph.D.	**Indian Diaspora**	02	With at least 55% marks or an equivalent grade in Master's degree from any discipline in Social Sciences and Humanities (Sociology, Anthropology, History, Political Science, English, and Cultural Studies).
Ph.D.	**Gender Studies**	02	With at least 55% marks or an equivalent grade in Master's degree from any discipline in Social Sciences and Humanities or a Master's in Women's/Gender Studies
Ph.D.	**Economics**	21	M.A. in Economics (with at least 55% marks or Equivalent Grade) OR Master's degree in the allied subjects (Commerce, Statistics, Mathematics, Engineering, and Management or any of the Social Science subjects) with at least 55% marks or Equivalent Grade).
Ph.D.	**Dance**	02	Master's degree in Dance with at least 55% marks or equivalent grade OR Master's degree with at least 55% marks in any subject.
Ph.D.	**Art History and Visual Studies**	01	Completed 2-year/4-semester Master's degree program in Art History, Social Science, Architecture or relevant discipline (after 4 year undergraduate degree) with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 10- point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institutions. A person whose M.Phil. dissertation has been evaluated and recommended for award of the degree.
Ph.D.	**Communication**	04	With at least 55% marks in Master's degree in the subject concerned OR With at least 55% marks in any subject in Master's sdegree
Ph.D.	**Management Studies**	15	With at least 55% marks in MBA/M.Com/ CA/CMA/two years full time Post Graduate Diploma in Management Programs approved by AICTE.

Ph.D.	**Health Sciences**	

	Public Health	01	a. Master's Degree in Public Health with at least 55% marks in aggregate in qualifying examination. b. Master's degree in any stream of Health Sciences, Indian Systems of Medicine, Applied sciences, Allied Health Sciences, Nursing with at least 55% marks in aggregate in qualifying examination. c. Master's degree holders in Life sciences, Social sciences, Medical Social Work, Behavioral sciences, Health Management and Health Administration with at least 55% marks in aggregate in qualifying examination. Applicants of b. and c. categories above should have demonstrable & documented Public Health Experience of 2-years in addition to the minimum qualifications criteria which will be assessed during the time of interview. Note: JRF holders in Social Medicine & Community Health of UGC-NET with eligibility are also eligible to appear for interview without appearing for University Entrance Examination. Other JRF holders but with demonstrable & documented Public Health Experience of 2-years , can also appear for interview without writing the university entrance examinations for Ph.D in Public Health.
	Optometry	01	Master's degree in Optometry & Vision Sciences with at least 55% marks in aggregate or its equivalent grade in Master's degree in any stream of Health Sciences, Allied Health Sciences, with at least 55% marks in aggregate in qualifying examination. Publications in international peer viewed journals are desirables.
Ph.D.	**Psychology**	03	With at least 55% marks in Master's Degree in Psychology

Ph.D.	**Cognitive Science**	02 02 01	**For Neuroscience Specialization** (A) Under Dr. Sudipta Saraswati: **Eligibility**: Master's degree with a minimum of 55% in Neural and Cognitive Sciences, Neuroscience, Cognitive Science, or any branch of biological science like Zoology, Biotechnology, Biochemistry, Genetics, etc. (B) Under Dr. Akash Gautam: **Eligibility**: Master's degree with a minimum of 55% in Neural and Cognitive Sciences, or any branch of biological science like Zoology, Biotechnology, Biochemistry, Neuroscience, Genetics, etc. (C) Under Dr. Joby Joseph: **Eligibility**: Master's degree with a minimum of 55% in branches related to Neuroscience, Cognitive Science, Engineering, Physics, Chemistry, Biology and Mathematics. JRF/NET qualified in these areas are also eligible to appear for interview without appearing for University Entrance Examination, as per the admission criterion mentioned in the prospectus.
Ph.D.	**Materials Engineering**	07	M.E./M.Tech. or equivalent Master's degree in Metallurgy; Mechanical (Production/ Manufacturing Engineering); Materials Engineering; Ceramic Engineering/ Technology or Engineering Physics, Chemical Engineering; Nanoscience and technology OR Bachelor's degree in Engineering/Technology in any of the above disciplines. OR Master of science degree in Physics/Chemistry/Industrial Chemistry/ Materials Science/Nano Science and Technology **Candidates should have at least 55% marks in the respective qualifying exam.**

Ph.D.	**Nano Science and Technology**	01	M.E./M.Tech. or equivalent Master's degree in Metallurgy; Mechanical (Production/ Manufacturing Engineering); Materials Engineering; Ceramic Engineering/ Technology; or Engineering Physics, Chemical Engineering; Nanoscience and technology, Electronics Engineering*, OR Bachelor's degree in Engineering/Technology in any of the above disciplines. OR Master of science degree in Physics/Chemistry/Industrial Chemistry/Materials Science/Nano Science and Technology **Candidates should have at least 55% marks in the respective qualifying exam**.

Note:

1. **The medium of instruction for all the courses is English except the language courses for which the medium of instruction is the language concerned.**

2. For calculating the prescribed percentage of marks for admission to M.Sc./MCA/ M.A. Courses in History, Political Science, Sociology, Anthropology and Economics, the marks obtained in the language papers of the qualifying degree will be excluded.

3. The marks in Hons/Core subjects of B.A. (Hons), B.Sc. (Hons) degrees will only be taken into account for calculating the prescribed percentage of marks.

4. For admission to all Postgraduate Courses, viz., M.A., M.Sc., M.C.A., M.F.A., M.P.A., M.B.A. , M.Ed. Courses and 5-Year Integrated Master's Degree Courses, the minimum eligibility condition for SC/ST/PwD candidates is **5% less** than the percentage for General/EWS & OBC category, however in order to ensure filling up of all seats for SC, ST and PwD, subject to availability of candidates the minimum requirement is **"Pass"** in the qualifying examination.

5. For M.Tech courses the minimum eligibility of marks in the qualifying exam is relaxed by 5% for SC and ST candidates.

7. As per UGC Regulations, 2016, the minimum eligibility for applying for admission to Ph.D. for General & EWS category is 55% marks or equivalent in PG and for SC/ST/OBC/ PwD the minimum eligibility is 50%.

List of Programs for which admission is through other modes/examinations				
Course	**Subject**	**Intake**	**Minimum Qualifications for admission**	
M.Sc.	**Biotechnology**	30	Bachelor/s degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, 4 years Engineering/Technology, B.Sc. (Physician Assistant Course) or Medicine (MBBS) or BDS with at least 55% marks. Candidate required to submit applications with the qualified rank in GAT-B – 2023. Selection is based on General Aptitude Test of Biotechnology (GAT-B-2023) examination, conducted by RCB Faridabad	**Through** General Aptitude Test of Biotechnology (GAT-B) examination, conducted by RCB Faridabad, New Delhi. **Counselling at UoH**
M.C.A.	**Computer Applications**	40	First Class Bachelor's degree with at least 60% marks in aggregate, in any discipline. **NIMCET 2023 scores** in order of merit, will be the only criteria for admission.	**Through counselling at UoH**
MBA	**Business Management**	75	Bachelor's degree or it's equivalent with a minimum of 60% marks or equivalent grade of any recognized University. Note: The admissions for the academic year 2022-24 have been completed based on the percentile scores of the applicants in CAT 2022 followed by Group Discussion/Interview. (Note: Admissions for the academic year 2023-25 are under process based on CAT 2022 percentile scores followed by Group Discussion/Interview.)	**Through CAT Scores**
M.Tech.	**Computer Science** **Artificial Intelligence** **Information Technology** **Information Security**	45+5* 30+5* 30+5* 18+5*	First class with minimum of 60% marks in Bachelor's degree in Engineering/Technology (B.E/B.Tech)/ MCA/M.Sc. in (Computer Science/ Information Science/ Electronics) and valid GATE score in Computer Science & Information Technology * Sponsored	**Admissions through CCMT**
M.Tech.	**Bioinformatics**	25	The qualifying degree for this program includes B.Tech./B.E./M.Sc. in Bioinformatics, Biochemistry, Biotechnology, Applied Microbiology, Biology, Biomedical Genetics, Bio-Sciences, Life Science, Life Sciences (Botany), Life Sciences (Zoology), Microbiology, Agricultural Science, Biochemical Engineering, Biomedical Engineering, Biotech Engineering, Bioengineering, Biological Sciences and Bioengineering, Biomedical Instrumentation and Biosciences. GATE qualification with the subjects, Biotechnology-BT, Chemistry-CY, Chemical Engineering-CH, Biomedical engineering - BM, Life sciences – XL, and Ecology and Evolution- EY will only be considered for admission.	**Admissions through CCMT**

M.Tech.	**IC Technology**	18+12*	**Regular mode: (18 seats)** Valid GATE Score in Electronics & Communication Engineering/ Instrumentation Engineering / Physics. with Either (a) at least 60% aggregate marks in the Master's degree in Electronics Science /Electronics/Applied Electronics/ Electronics and Communication/ Engineering Physics & Instrumentation/ Physics(with Electronics as one of the Subjects) / Radio physics/Radio Physics & Electronics. OR (b) at least 60% aggregate marks in the B.E./ B.Tech., in Electronics, Instrumentation and Control Engg/ Electronics and Communication Engg/ Electronics and Control systems/ Electronics and Information Systems/ Electronics and Instrumentation/ Electronics Engineering/ Electronics Science and Engineering/ Electronics Technology/ Instrumentation/Instrumentation & Electronics Engg./ Instrumentation & Control Systems/ Instrumentation Technology **Note: Valid GATE scores in the order of merit, in one of the following subjects, will be the criterion for admission. (1)Electronics and Communication Engineering (2) Instrumentation Engineering (3) Physics. No other written test or interview will be conducted.** GATE Fellowship is extended to all candidates admitted to M.Tech (I.C technology) in regular mode. The counseling for M.Tech IC Technology regular mode is through Centralized Counseling for M.Tech Admissions (**CCMT).** Therefore the eligibility is as per CCMT guidelines. *** Sponsored seats** Candidates with the above-mentioned minimum qualification and with three years of experience from any Government R&D Labs/Public sector Units/Publicly listed Companies are eligible to apply under the sponsored mode. When it comes to companies, the following companies only will be considered: (i) Listed company in any stock exchanges in India or (ii) Company with Corporate Social Responsibility (CSR) (Ministry of Corporate Affairs has notified Section 135 and Schedule VII of the Companies Act as well as the provisions of the Companies (Corporate Social Responsibility Policy) Rules, 2014 (CSR Rules) which has come into effect from 1 April 2014 and certain amendment in May 2016). **Shortlisted candidates will be called for the interview and the admission will be based on the performance in the interview according to merit. The eligibility criteria are the same as regular mode except for the GATE score.** **The students admitted in sponsored mode will not get any fellowship.**	**Admissions to regular mode is based on GATE scores and through CCMT only.**

M.Tech.	**Materials Engineering**	18	Bachelor's degree in Engineering/Technology (B.E/B. Tech) in Aerospace Engineering, Ceramic Engineering/ Technology, Chemical Engineering, Industrial and Production Engineering, Manufacturing Engineering, Materials Engineering, Mechanical Engineering, Metallurgical Engineering, Master's degree in Chemistry, Materials Science, Nano-science & Technology, Physics with a valid GATE score in any of the following: Aerospace Engineering, Chemical Engineering, Industrial and Production Engineering, Mechanical Engineering, Metallurgical Engineering, Chemistry, Physics, Engineering Sciences .	**Admissions through CCMT**
M.Tech.	**Nanoscience and Technology**	18	Bachelor's degree in Engineering/Technology (B.E/B. Tech) in Ceramic Engineering/ Technology, Chemical Engineering, Industrial and Production Engineering, Manufacturing Engineering, Materials Engineering, Mechanical Engineering, Metallurgical Engineering, Electronics Engineering, Nanoscience and Technology, Master's degree in Chemistry, Materials Science, Nano-science & Technology, Physics with a valid GATE score in any of the following: Chemical Engineering, Industrial and Production Engineering, Mechanical Engineering, Metallurgical Engineering, Chemistry, Physics, Engineering Sciences, Electronics Engineering. The admission is through Centralized Counselling for M. Tech, i.e., CCMT.	**Admissions through CCMT**
M.Tech.	**Manufacturing Science and Engineering**	18	Bachelor's degree in Engineering/Technology (B.E/B.Tech) in Mechanical Engineering, Industrial Engineering, Production Engineering, Manufacturing Engineering, Materials Engineering, Metallurgy, Aerospace Engineering, with a valid GATE score in any of the following: Industrial and Production Engineering, Mechanical Engineering, Metallurgical Engineering. The admission is through Centralized Counselling for M. Tech., i.e., CCMT.	**Admissions through CCMT**

M.Tech.	**Microelectronics & VLSI Design**	18	Valid GATE Score in Electronics & Communication Engineering/ Instrumentation Engineering / Physics. with Either (a) at least 60% aggregate marks in the Master's degree in Electronics Science /Electronics/Applied Electronics/ Electronics and Communication/ Engineering Physics & Instrumentation/ Physics(with Electronics as one of the Subjects) / Radio physics/Radio Physics & Electronics. OR (b) at least 60% aggregate marks in the B.E./ B.Tech., in Electronics, Instrumentation and Control Engg/ Electronics and Communication Engg/ Electronics and Control systems/ Electronics and Information Systems/ Electronics and Instrumentation/ Electronics Engineering/ Electronics Science and Engineering/ Electronics Technology/ Instrumentation/Instrumentation & Electronics Engg./ Instrumentation & Control Systems/ Instrumentation Technology **Note:** Valid GATE scores in the order of merit, in one of the following subjects, will be the criterion for admission. (1)Electronics and Communication Engineering (2) Instrumentation Engineering (3) Physics. No other written test or interview will be conducted. GATE Fellowship is extended to all candidates admitted to M.Tech (Microelectronics & VLSI Design) program. The counseling for M.Tech (Microelectronics & VLSI Design) is through Centralized Counseling for M.Tech Admissions (**CCMT).** Therefore the eligibility is as per CCMT guidelines.	**Admissions through CCMT**
M.Tech.	**Modeling and Simulation**	36	Eligibility is as mentioned below:	**Admissions through CCMT**

In qualifying degree (as referred in **eligibility**), the candidates should have passed and secured at least 6.5 CGPA (on a 10- point scale) or 60% for GEN/GEN-EWS/OBC, whereas 6.0 CGPA (on a 10-point scale) or 55% in case of SC/ST/PwD candidates. **The above mentioned CGPA/Percentage should be awarded by a recognized University/Institute.** Only primary mode of evaluation (CGPA or percentage) as mentioned in the qualifying degree certificate/mark sheet shall be considered while verifying eligibility.

A. Eligibility

Specialization	**Allotted seats**	**Eligibility**
Computational Chemistry	**06**	**1. M.Sc.** in (Chemistry/Chemical Sc./Chemical Eng./Chemical Technology/Physics) with Mathematics as background in B.Sc. **OR BE/B.Tech.** (Chemical Sc./Chemical Eng./Chemical Technology or allied branches).

		AND **2.** Valid **GATE** score in Chemistry/Chemical Engineering
Computational Materials Science and Engineering	**06**	**1. BE/B.Tech.** (Metallurgical, Mechanical, Production, Aerospace, Ceramic, Chemical Engineering or Technology **OR M.Sc.** Chemistry/Physics/Materials Science/ Solid State Physics **AND** **2.** Valid **GATE** score in Aerospace Engineering/ Chemical Engineering/ Production and Industrial Engineering/ Mechanical Engineering/ Metallurgical Engineering/Chemistry/Physics/Engineering Sciences.
Computational Physics	**06**	**1. M.Sc** (Physics/Applied Physics/Materials Science) **OR B.E./B.Tech.** (Engineering Physics) **AND** **2.** Valid **GATE** score in Physics/Engineering Sciences.
Computational Biology	**08**	**1. BE/B. Tech.** (Computer science and engineering, Information Technology, Bioinformatics, Computational Biology, Biotechnology, Chemical engineering, Biochemical engineering, Biomedical engineering, Bioelectronics engineering, Food and bioprocess engineering); **OR** **M.Sc.** (Biotechnology, Bioinformatics, Biophysics, Biochemistry, Bioinformatics, Computational Biology); **OR** **B.Pharm.** **Note:** Candidates are eligible if studied Mathematics as one of their core subjects in their degree course. **AND** **2.** Valid **GATE** score in Bio-Technology(BT), Biomedical engineering (BM)/ Computer Science & Information Technology(CS)/ Pharmacy(PY)/ Chemical Engineering(CH)
Computational Science	**10**	**1. BE/B.Tech.** (CSE/CS/AI/IT) **or MCA or M.Sc.**(CS/AI/IT) **AND** **2.** Valid **GATE** score in Computer Science & Information Technology(CS)

Sponsored candidates:

A sponsored candidate must have been in service of the sponsoring organization for at least two years at the time of admission. The sponsoring organization must specifically undertake to provide full salary to the candidate and to relieve them to pursue the program for its full duration. An undertaking to that effect from sponsoring organization must be provided by the candidate at the time of applying for admission.

Fulfillment of GATE requirement (as per the eligibility for specialization) may be waived for such candidates. However, the sponsored candidates seeking admission to the M.Tech. Modeling and Simulation program who have not qualified GATE will be called for interview. The eligibility remains same as specified in the table below.

More information can be obtained from http://cmsd.uohyd.ac.in/?page_id=132

Note: ***Minimum Eligibility criteria for all the above M.Tech. Courses are as per CCMT guidelines. For further details, Please refer to https://ccmt.admissions.nic.in/***

5-year Integrated M.Tech.	**Computer Science and Engineering**	40	As per JOSAA/CSAB guidelines. One of the criteria for admission is that the candidate should satisfy at least one of these two criteria: (i) The candidate is within the category-wise top 20 percentile of successful candidates in their respective Class XII (or equivalent) examination of the respective stream and Board. (ii) The candidate has secured minimum 75% (for GEN or OBC-NCL) or minimum 65 % (for SC, ST or PWD) of aggregate marks in Class XII (or equivalent) examination of the respective stream and Board	**Seats will be allocated as per Centralized Counselling of JOSAA/ CSAB**

Selection Criteria for Integrated PG programs offered byUoH for the Academic Year 2023-24

Sl. No.	ProgramTitle	Subject	Domain/ General/ Optional Languages mapped to the Programs	Merit list generation based on:
1	IntegratedM.Sc.	MathematicalSciences	**A.** Core Paper From Section II, choose 1. Mathematics [319] 2. Physics [322] 3. Chemistry [306] **B.** Qualifying PapersLanguage: From Section IA, choose English [101]	CUET-UG Marks of Maths+ Physics+ Chemistry
2	IntegratedM.Sc.	Physics	**A.** Core Paper From Section II, choose 1. Physics [322] 2. Mathematics [319] 3. Chemistry [306] **B.** Qualifying PapersLanguage: From Section IA, choose English [101]	CUET-UG Marks of Physics+ Maths+ Chemistry
3	IntegratedM.Sc.	Chemical Sciences	**A.** Core Paper From Section II, choose 1. Chemistry [306] **B.** Qualifying PapersLanguage: From Section IA, choose 1. English [101] And from Section IIchoose 2. Physics [322]	CUET-UG Marks of Chemistry(only)

4	Integrated M.Sc.	Biology*	**A.** Core Paper From Section II, choose 1. Biology [304] 2. Chemistry [306] 3. Physics [322] 4. Mathematics [319] **B.** Qualifying Papers Language: From Section IA, choose English [101]	CUET-UG Marks of Biology + Chemistry + Physics + Mathematics
5	Integrated M.Sc.	AppliedGeology	**A.** Core Paper From Section II, choose 1. Physics [322] 2. Chemistry [306] **B.** Qualifying Papers Language: From Section IA, choose 1. English [101] And from Section IIchoose 2. Mathematics [319] 3. Biology [304]	CUET-UG Marks of Physics+ Chemistry

6	Integrated M.Optom.	Optometry	**A.** Core Papers From Section II, choose 1. Physics [322] 2. Chemistry [306] **B.** Qualifying Papers Language: From Section IA, choose 1. English [101] And from Section IIchoose 2. Mathematics [319] 3. Biology [304]	CUET-UG Marks of Physics+ Chemistry +
7	Integrated M.Sc.	Health Psychology	**A.** Core Paper From Section III, Choose General Test [501] **B.** Qualifying Papers Language: From Section IA, choose English [101]	CUET-UG Marks Scored in the General Test

8	IntegratedM.A	Telugu	**A.** Core Paper From Section IA, choose Telugu [112] **B.** Qualifying Papers Language: From Section IA, choose English [101]	CUET-UG Marks Scored in theTelugu
9	IntegratedM.A	Hindi	**A.** Core Paper From Section IA, choose Hindi [102] **B.** Qualifying Papers Language: From Section IA, choose English [101]	CUET-UG Marks Scored in theHindi

10	IntegratedM.A	Language Sciences	**A.** Core Paper 1. From Section IA, choose English [101] 2. From Section III, choose General Test [501]	CUET-UG Marks Scored in theEnglish + General Test
11	IntegratedM.A	Urdu	**A.** Core Paper From Section IA, choose Urdu [113] **B.** Qualifying Papers Language: From Section IA, choose English [101]	CUET-UG Marks Scored in theUrdu
12	IntegratedM.A	Economics	**A.** Core Paper From Section III, choose General Test [501] **B.** Qualifying Papers Language: From Section IA, choose English [101]	CUET-UG Marks Scored in theGeneral Test
13	IntegratedM.A	History	**A.** Core Paper From Section III, choose General Test [501] **B.** Qualifying Papers Language: From Section I A, choose English [101]	CUET-UG Marks Scored in theGeneral Test
14	IntegratedM.A	Political Science	**A.** Core Paper From Section III, choose General Test [501] **B.** Qualifying Papers Language: From Section I A, choose English [101]	CUET-UG Marks Scored in theGeneral Test

15	IntegratedM.A	Sociology	**A.** Core Paper From Section III, choose General Test [501] **B.** Qualifying Papers Language: From Section I A, choose English [101]	CUET-UG Marks Scored in theGeneral Test
16	IntegratedM.A	Anthropology	**A.** Core Paper From Section III, choose General Test [501] **B.** Qualifying Papers Language: From Section I A, choose English [101]	CUET-UG Marks Scored in theGeneral Test

Remarks:

1. Medium of instruction in UoH is English. Students admitted to language courses too are required to do certain university levelmandatory courses and electives that are taught in English medium. Hence, English is compulsory for all programs.
2. Candidates can make choice of subjects based on their merit in the entrance examination fulfilling the above criteria.
3. **For Candidates belonging to SC/ST and differently abled categories, the minimum eligibility is 'Pass" in the qualifying examination.**
4. Students admitted to IMSc. Biology will branch out to I.M.Sc (Plant Biology and Biotechnology), I.M.Sc (Animal Biology and Biotechnology), I.M.Sc (Biotechnology and Bioinformatics), I.M.Sc (Biochemistry), I.M.Sc (Microbiology and Immunology) and I.M.Sc (Systems and Computational Biology) after three years.

Selectin criteria for PG programs offered by UoH for the Academic Year 2023-24

Sl. No. (as perCUET Notification)	Test Paper Code 2023	Program (Subject)	Degree	Paper Pattern	Selection Criteria
165	COQP10	Economics	M.A.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	Based on marks secured in CUET-PG Entrance Exam in the respective categories
Sl. No. (as perCUET Notification)	Test Paper Code 2023	Program (Subject)	Degree	Paper Pattern	
166	COQP10	Financial Economics	M.A.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
237	COQP11	Gender Studies	M.A.	Pattern 3 (100 MCQ Questions Language Comprehension,General Knowledge, Computer Basicsand Logical Reasoning)	
238	COQP11	Anthropology	M.A.	Pattern 3 (100 MCQ Questions Language Comprehension,General Knowledge, Computer Basicsand Logical Reasoning)	

Sl. No. (as perCUET Notification)	Test Paper Code 2023	Program (Subject)	Degree	Paper Pattern	Selection Criteria
505	COQP12	MBA (Executive)	MBA	Pattern 3 (100 MCQ Questions Language Comprehension,General Knowledge, Computer Basicsand	Based on marks secured in CUET-PG Entrance Exam in the respective categories
506	COQP12	Business Analytics	MBA	Pattern 3 (100MCQ Questions Language Comprehension, GeneralKnowledge, Computer Basics andLogical Reasoning)	
507	COQP12	Neural & Cognitive Sciences	M.Sc.	Pattern 3 (100 MCQ Questions Language Comprehension,General Knowledge, Computer Basicsand Logical Reasoning)	
921	COQP15	Education	M.Ed.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
1009	COQP17	Communication (Media Studies)	M.A.	Pattern 2 (25 General + 75Domain Specific Knowledge	

Sl. No. (as perCUET Notification)	Test Paper Code 2023	Program (Subject)	Degree	Paper Pattern	Selection Criteria
1010	COQP17	Communication (Media Practice)	M.A.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
1096	COQP19	Public Health	MPH	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	Based on marks secured in CUET-PG Entrance Exam in the respective categories
1155	COQP22	Health Care and Hospital Management	MBA	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
24	HUQP05	Dance (Kuchipudi)	MPA	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	

Sl. No. (as perCUET Notification)	Test Paper Code 2023	Program (Subject)	Degree	Paper Pattern	Selection Criteria
25	HUQP05	Dance (Bharatanatyam)	MPA	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
38	HUQP07	Painting	MVA	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
39	HUQP07	Printmaking	MVA	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
40	HUQP07	Sculpture	MVA	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	Based on marks secured in CUET-PG Entrance Exam in the respective categories

41	**HUQP07**	**Art History& Visual Studies**	**MVA**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	
102	**HUQP09**	**History**	**M.A.**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	
179	**HUQP12**	**Music (Carnatic) Vocal/Instru me ntal)**	**MPA**	**Pattern 2 (25 General + 75Domain Specific Knowledge**	

188	**HUQP14**	**Music (Hindustani) Vocal/Instru mental)**	**M.A**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	**Based on marks secured in CUET-PG Entrance Exam in the respective categories**

209	**HUQP16**	**Philosophy**	**M.A.**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	
239	**HUQP18**	**Political Science**	**M.A.**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	
321	**HUQP20**	**Health Psychology**	**M.Sc.**	**Pattern 2 (25 General + 75Domain Specific**	

426	**HUQP22**	**Sociology**	**M.A.**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	
477	**HUQP24**	**Theatre Arts**	**MPA**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	
5	**LAQP01**	**English**	**M.A.**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	
6	**LAQP01**	**Comparative Literature**	**M.A.**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	
7	**LAQP01**	**English Language Studies**	**M.A.**	**Pattern 2 (25 General + 75Domain Specific Knowledge Questions)**	

100	LAQP02	Hindi	M.A.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
162	LAQP03	Sanskrit Studies	M.A.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	Based on marks secured in CUET-PG Entrance Exam in the respective categories
188	LAQP04	Applied Linguistics	M.A.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
301	LAQP36	Telugu	M.A.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
303	LAQP37	Urdu	M. A	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	

167	SCQP08	Chemistry	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
592	SCQP17	Optometry	M.Optm	2 Years M.Optom. is not offered for Academic Year 2023-24.	

602	SCQP17	Plant Biology & Biotechnology	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
603	SCQP17	Microbiolog y & Immunolog y	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
604	SCQP17	Animal Biology& Biotechnology	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	Based on marks secured in CUET-PG Entrance Exam in the respective categories
605	SCQP17	Biochemistry	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	

794	SCQP19	Mathemati cs/Applied Mathematics	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
924	SCQP24	Physics	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
1004	SCQP27	Statistics	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	
1073	SCQP29	Ocean & Atmosph eric science	M.Sc.	Pattern 2 (25 General + 75Domain Specific Knowledge Questions)	

The following is the weightage proposed by S.N. School of Arts and Communication and School of Management Studies for admission to PGPrograms offered during 2023-24 :

S.N. School of Arts and Communication

S.No.	Program	Subject	CUET weightage		Total
1	M.P.A.	Dance	50	Practical : 50	100
2	M.P.A.	Music	50	Practical : 50	100
3	M.P.A.	Theatre Arts	50	Descriptive Test : 15 Audition : 20 Interview : 15	100
4	M.V.A	Painting/Printmaking/Sculpture	25	15 digital images of recent works - 25 Portfolio - 25 Interview - 25	100
5	M.V.A.	Art History & Visual Studies	50	Interview: 50	100
6	M.A.	Communication (Media Studies)	60	Written Test : 15 Interview : 25	100
7	M.A.	Communication (Media Practice)	60	Written Test : 15 Interview : 25	100

School of Management Studies

S.No.	Programs	Subject	CUET score	Group Discussion(GD)/Personal Interview(PI)	Total
1	M.B.A.	Healthcare & Hospital Mgt.	60	GD : 15 PI : 25	100
2	M.B.A.	Business Analytics	60	GD : 15 PI : 25	100
3	M.B.A.	Executive MBA	60	GD : 15 PI : 25	100

SCHOOL OF MATHEMATICS & STATISTICS

The School offers facilities for intensive training and research in the areas of Mathematics, Statistics and Operations Research.

Prof. R. Radha is the Dean of the School.

The School aims to train people who are oriented towards research and teaching in advanced areas of Mathematics, Statistics and Operations Research. Special attention is given to foundational topics.

The School offers research facilities in the following areas:

- Algebraic groups, Representation Theory, Non -Commutative Ring theory, Hopf Algebras, Lie Algebras, Algebraic Geometry, Combinatorial Number Theory, Analytic Number Theory, Dynamical Systems, Topological Dynamics, Many Valued Logic, Ordered Algebra, Lattice Theory, Discrete Mathematics

- Fluid Dynamics, Ordinary Differential Equations, Partial Differential Equations, Numerical PDE, Fractional Differential Equations.

- Modelling and Analysis of Large Data, Bayesian Modelling, Modelling of Spatio-temporal Data, Bioinformatics/Genomics, Reliability, Survival Analysis, Statistical Inference, Extreme Value Theory.

Programs of study

The School offers **I.M.Sc.**, **M.Sc.** and **Ph.D.** Programs.

The M.Sc. Program is offered in three streams namely, Mathematics, Applied Mathematics and Statistics. This program is spread over a period of four semesters. For each stream, there are separate core courses and electives.

The School offers Ph.D. programs in Mathematics, Applied Mathematics and Statistics. Students admitted to these programs are required to satisfactorily complete their course work recommended by the School in the first two semesters in order to continue their Ph.D. They are also expected to take part in the weekly colloquium / seminar of the School.

The School also participates in the 5-Year Integrated M.Sc. Program in Mathematical Sciences, which is administered through College for Integrated Studies.

Entrance Examination
The entrance examinations for admissions to various courses are aimed to assessing the candidate's understanding of the concepts rather than capacity of memorization.

M.Sc. in Mathematics/Applied Mathematics/Statistics

Admission to M.Sc. (Mathematics/Applied Mathematics and Statistics) is based on a written test. There are two separate entrance examinations for admission to M.Sc. in Mathematics/Applied Mathematics and M.Sc. in Statistics. The written tests consist of objective type questions only.

M.Sc. in Mathematics/Applied Mathematics

A majority of the questions for M.Sc. Mathematics/Applied Mathematics will be on the following topics:

- Sets, sequences, series, limits, continuity, differentiation, integration, graphs of functions.
- Coordinate geometry of two and three dimensions.
- Group theory, ring theory, vector spaces.
- Matrices, determinants, linear transformations, rank, nullity, eigenvalues, system of linear equations, elementary probability and logical reasoning.

M.Sc. in Statistics

A majority of the questions for M.Sc. Statistics will be on the following topics:

- Sets, sequences, series, limits, continuity, differentiation, integration, graphs of functions, vector Spaces, matrices, determinants, linear transformations.
- Elementary probability - events, independent events, conditional events, Bayes' theorem, Chebyshev's inequality.
- Random variables and their distributions – Binomial, Poisson, Geometric, Negative Binomial, Uniform, Normal, Exponential, Gamma, Beta.
- Inference – methods of moments and ML estimation, test for mean and variance of the normal distribution, contingency Tables, simple linear regression.
- Linear Programming Problem- graphical solution.

Important notes

- The admission will be made separately for M.Sc. Mathematics (including Mathematics and Applied Mathematics) and M.Sc. Statistics
- At the end of the first year, students of M.Sc. Mathematics will be given the option to choose either Mathematics or Applied Mathematics
- Students cannot change between Mathematics/Applied Mathematics and Statistics

Ph.D in Mathematics/ Applied Mathematics/ Statistics

Admission to Ph.D. program in Mathematics/Applied Mathematics/Statistics is based on a written test. There are two separate entrance examinations for admission to Ph.D. in Mathematics/Applied Mathematics and Ph.D. in Statistics. All written tests consist of objective type questions only.

Candidates clearing the entrance test will be called for an interview as per the merit list.

Both the written tests consist of two parts.

- PART A has questions related to Research Methodology.
- PART B has questions on the following topics:
    - For Ph.D. in Mathematics/Applied Mathematics: Linear algebra, real analysis, complex analysis, ordinary differential equations, partial differential equations, calculus of variations, functional analysis, measure and integration, algebra, number theory and numerical analysis.
    - For Ph.D. in Statistics: Probability and measure theory, real analysis, linear algebra and matrix theory, inference, linear models, design and analysis of experiments, sampling.

The topics listed above are not exhaustive.

Important notes

- Candidates qualifying in the National level tests awarding Fellowships (i.e., JRF's who qualify in CSIR/UGC Tests and/or NBHM-Ph.D. Test) will be exempted from writing the Ph.D. Entrance Examination and they will called for interview, in which case, they will be allotted 50 marks towards the written test. If a JRF holder takes the Ph.D. entrance test then he/she will be allotted the maximum of 50 marks and the marks obtained in the entrance test out of 70 marks and then called for the interview.
- The Ph.D. interview will be for 30 marks for all candidates who are called for the interview, i.e., without making any distinction between those who qualify in the National level Fellowship awarding tests or the entrance examination.

Note: **There will be no admission in Ph.D. Statistics for the academic year 2023-24.**

Faculty

Professors

B. Sri Padmavati, Ph.D. (University of Hyderabad) - Fluid dynamics
R. Radha, Ph.D. (IIT Bombay) - Fluid dynamics
Madhuchhanda Bhattacharjee, Ph.D. (University of Pune) - Modelling and analysis of heterogeneous data
Saroj Panigrahi, Ph.D. (Berhampur University) - Differential equations
A. Sankaranarayanan, Ph.D. (TIFR, Mumbai) - Analytic number theory

Associate Professors

B. Shobha, Ph.D. (IIT Delhi) - Statistical Inference and Reliability
M. Sumanth Datt, Ph.D. (University of Hyderabad) - Representation Theory, Non - Commutative Ring theory
T.K.S. Moothathu, Ph.D. (University of Hyderabad) -Topological Dynamics
T. Suman Kumar, Ph.D. (Sorbonne Université, Paris) - Population dynamics, Nonlinear PDE
Sachinkumar B. Bhalekar, Ph.D. (University of Pune) - Analysis, Dynamical Systems, Fractional Differential Equations
Sachin B. Ballal, Ph,D. (Savitribai Phule Pune University)- Ordered Algebra, Lattice Theory, Discrete Mathematics

Assistant Professors

Mohan N. Chintamani, Ph.D. (HRI, Allahabad) - Combinatorial Number Theory, Additive Combinatorics, and Cryptography
Archana. S. Morye, Ph.D. (HRI, Allahabad) - Algebraic Geometry
B.G. Manjunath, Ph.D. (University of Siegen, Germany) - Extreme Value Theory
P. Chiranjeevi, Ph.D. (University of Hyderabad) - Dynamical Systems
V. Nageswara Rao, Ph.D. (IIT Hyderabad) - Many Valued Logic
S. Anjana, Ph.D. (CUSAT, Cochin) - Survival Analysis, Nonparametric Inference
Abhay Soman, Ph.D. (IIT Bombay) - Algebra

SCHOOL OF COMPUTER INFORMATION SCIENCES

The School of Computer and Information Sciences (SCIS) aims for excellence in all the major facets of higher learning such as teaching, research, student development and curriculum planning. The strengths of the School are its quality faculty, innovative and flexible curricula with their unique focus on post-graduate education, state-of-the-art research with a remarkably high number of PhD scholars – both ongoing and recently graduated. The policies of the School are very student friendly, open and transparent that foster a healthy student-faculty interaction. SCIS always stood for innovation and leadership in curriculum development– having

- one of the oldest (from 1983) and even now one of the best MCA programs;
- boldly proposing and introducing the M.Tech program in Artificial Intelligence as early as in 1986 to attract the small but growing number of undergraduates in computer science;
- introducing the unique M.Tech in Information Technology (with specialization in Banking Technology and Information Security) in collaboration with IDRBT (Institute for Development and Research in Banking Technology, a sister Institute of RBI) aimed at bridging the shortfall of trained computer professionals in banking and finance industries.
- In 2014, the School has started a 5-year Integrated M.Tech (CS) program to admit students immediately after Class XII. It is now being renamed as 5-yr Integrated M. Tech (CSE) program as per AICTE Regulations.

The current research areas in the School include Artificial Intelligence, Machine Learning, Deep Learning, Image Processing, Computer Vision, Pattern Recognition, Natural Language Engineering, Machine Translation, Networks, Computer and Network Security, Information Security, Software Engineering, Logic, Data Mining, Parallel, Distributed, Grid and Cloud Computing, Wireless Sensor Networks, Internet of Things (IoT), Fog/Edge Computing, Heuristics and Metaheuristics, Cryptology, and Speech Processing.

Funding for the School
The School has been recognized by several funding agencies. The Department of Science and Technology (DST), Government of India has recognized the research contributions of the School by funding it under SERB, FIST and PURSE programs. The School also received funding from industry. With the university recognized as an Institute of Eminence (IoE) recently, the School planned several innovative activities with the generous grants under the scheme. Several faculty are also funded with individual/joint research projects under the IoE scheme.

Research Projects

The School has executed several research projects (funded by MeitY, UGC, ISRO, DRDO, DLRL, MHA, DST, INCOIS, SERB etc.) on FAE, Content-Based Image Retrieval, Speech and Natural Language Processing, Grid Computing, Cryptography, Neural Networks, Formal Methods in Software Engineering, Business Process Re-engineering, Forensic Document Analysis, System Security, Wireless Sensor Networks, Fog Computing, Manufacturing and Logistics, Grid Middleware etc.

Student Funding

Students of the School have the facility of getting funding under faculty research projects and funding from other sources such as the IoE funding that the university/School gets. This is open to Ph.D./Integrated M.Tech./MCA students. M.Tech. (CS/AI/IT/IS) students are all eligible for the GATE scholarships under AICTE funding. Ph.D. students are eligible for scholarships from the university for a period of 5 years.

Other Ph.D. Fellowships

IDRBT Fellowship: Currently the fellowship will carry monthly stipend of Rs.25,000 (for 1st and 2nd year) and Rs.28,000 (for 3rd, 4th and 5th years), subject to revision from time to time. The students will work full time at IDRBT. The areas of research of the scholars need to be relevant to banking technology and information security. There will be joint guidance of IDRBT and SCIS (UoH), one guide from each organisation.

Prime Minister's Research Fellowship (PMRF): The Prime Minister's Research Fellows (PMRF) Scheme has been designed for improving the quality of research in various higher educational institutions in the country.

The University of Hyderabad (UoH) has a quota of fellowships under Prime Minister's Research Fellows (PMRF) scheme for eligible Ph.D. students across all Science/Engineering/Technology disciplines through both direct and lateral entry channels every year.

The tenure of the fellowship is for 5 years. Currently, it starts from Rs.70000/- per month. Apart from the fellowship, a research grant of 200000/- per year is granted.

Eligibility for Lateral Entry Channel: The following are the concise eligibility criteria for the Ph.D. students on roll:

(a) The applicant must join UoH's Ph.D. program after completing a relevant Master's degree. (or)

The applicant must join UoH's Ph.D. program after completing a relevant 4-Years Bachelor's degree.

(b) AND SHOULD HAVE COMPLETED 4 pre-PhD full semester courses (each course with a minimum 40 contact hrs.) excluding courses such as Research Methodology, Communication skills, /Research seminars and Research and Publication ethics (i.e. courses after joining Ph.D. with a minimum CGPA of 8.5 on a 10-point scale) in current semester of the academic year by the time of submitting the application.

Eligibility for Direct Entry Channel: The following are the concise eligibility criteria for the newly joined (i.e., in Jan 2023) Ph.D. students at the University of Hyderabad.

1. The applicant must have a CGPA of at least 8.0 (on a 10 point scale) in M.Sc/M.Tech and a valid GATE score of at least 650 in the concerned subject and must be a Ph.D. student on rolls.
(or)
2. MSc/M.Tech final semester result awaited students who secure Ph.D. admission in the University of Hyderabad and having CGPA of at least 8.0 (on a 10 point scale) at the time of Ph.D. admission and having a GATE score of at least 650 in the concerned subject.
(or)
3. The applicant must be GATE qualified and completed or pursuing M.Tech./MS by research in the University of Hyderabad and must have a minimum CGPA of 8.0 or above at the end of the first semester with a minimum of four courses and secured Ph.D. admission in our University.

Industry, Academic and other Contacts

SCIS maintains active contact with both industry and research labs and participates in developing state-of-art computing systems. The School has initiated academic collaboration at an international level with University of Trento, Italy; Mahasarakham University, Thailand; Universite de Bretagne-Sud, Lorient, France; Griffith University, Brisbane, Queensland, Australia; Prof. C. R. Rao AIMSCS Institute; IDRBT, IIIT Hyderabad; ISI Calcutta and National University of Singapore. The School has MoUs for collaborative work with IIIT Hyderabad, MoU with Aizu University, Japan, IIT Hyderabad, Hitachi Consulting and Altair Engineering to promote research and teaching programs.

Placement

The School has a strong placement program. The School attracts many product-oriented dream companies such as IBM, Teradata, GE, Cisco, Commvault, Cavium Networks, FreeScale, TeamFI, Honeywell, Oneconvergence, JPMC, HSBC, Works Apps, CA, Polaris, Imagination Technologies (HelloSoft), and other companies such as Broadridge, ADP, TCS, DST, Capgemini, Cordys, Intergraph, Aveva, Hitatchi consulting, Redpine to name a few.

Programs of Study

The School offers six different programs of study leading to: **Ph.D**. in Computer Science, 5-year **Integrated M.Tech.** in Computer Science and Engineering, **M.Tech.** (Computer Science), **M.Tech.** (Artificial Intelligence), **M.Tech.** (Information Technology) with specialization in Banking Technology & Information Security, in collaboration with IDRBT, and **M.C.A.** In addition, the school supports the **M.Tech** (Information Security) offered by CR Rao AIMSCS and also contributes and supports several other Schools of University of Hyderabad in teaching and research.

Ph.D.

The School has a vibrant Ph.D program with more than 80 registered students currently, both Indian and foreign nationals, as on date and more than 120 scholars have completed their PhD till date. As the School always has a high priority for research, it strongly encourages fresh and brilliant students to participate in the above exciting research programs as full-

time/part-time Ph.D. students. School further offers Visvesvarya PhD Fellowships (sponsored by DeitY) for supporting brilliant Ph.D. students. This is subject to sanction of the Govt. of India (Admission Notice will come as a separate advertisement). Further, details can be found at http://phd.medialabasia.in/. The School is also recognized as an AICTE Minor QIP Centre for Ph.D. Program. For further details, please refer to QIP brochure available at http://qip.iitd.ac.in/qipadm2017/QIP_Brochure_Ph.D.pdf

The **Ph.D. program** is offered on full time, part time and external registration basis as per the university regulations. Candidates who have the required qualifications and are doing teaching/research in recognized institutions or researchers from companies registered with STPI/NASSCOM/Central Government Organizations who operate within the jurisdiction of the University can apply. Interested candidates are advised to study the areas of research from the School and faculty profiles. Please visit School website http://scis.uohyd.ac.in for details. **Candidates interested in doing research in the following areas are strongly encouraged to apply.**

- Machine Learning, rough sets and soft computing
- Data science, analytics and big data
- Cryptography and cybersecurity
- Social networks analysis and graph theoretic techniques
- Software defined networks and network security
- Internet of Things and Cloud Computing

Entrance Examination for Ph.D

Admission Process: Please refer to appropriate section in the Prospectus about UGC Regulations 2016. Admission will be through a written test followed by an interview. The candidates who have been awarded JRF Fellowship after writing a National-level written test will be exempted from writing written test of the University and will be directly called for the Interview.

Written Test Format and Syllabus

The written test will consist of ***only objective type*** questions. 50% of questions shall be from Research Methodology and the other 50% shall pertain to the concerned subject. The paper shall have two parts, Part A and Part B. The following syllabus is proposed for the PhD entrance examination

PART A: Research Methodology:

- Quantitative Methods: Data preprocessing, graph plotting, plotting functions and data, statistical data analysis.
- Research: Technical Comprehension, Meaning, characteristics and types of research; Steps of research; Methods of research; Research Ethics.
- Aptitude and Reasoning: Reasoning, Logical Reasoning, Data Interpretation.
- Computer Applications: Flow Charts, Problem Solving.

PART B: Computer Science:

Computer Organization, Computer Programming, Discrete Mathematics, Data Structures, Algorithms, Operating Systems, Database Management Systems, Graph Theory, Computer Networks, and Automata.
The written test is for total of 70 marks and both Part A (35 questions) and Part B (35 questions) will have equal weightages.

Interview Process
Candidates must indicate their research interest at the time of the interview. ***All candidates must come prepared with a tentative research plan*** write-up of maximum 4 pages and are encouraged to submit details of research papers/technical reports (if any), they have authored. They must bring any previous dissertation of thesis written by them.

Several funding opportunities exist for admitted students and these have been described earlier.

Foreign candidates seeking Ph.D admission.
Foreign nationals seeking admission in PhD program should have the required basic qualifications. Candidates must demonstrate their ability to communicate in English. Following are the guidelines for admission to PhD:

- Foreign students are required to submit past academic records, three reference letters, and a statement of purpose on the research topic of their interest. They must have good ability to communicate in English. In order to support the claim for admission into PhD, the following guidelines are stipulated:

o Students residing in India and who have taken prior qualifying education in India **have to appear for the interview** with all required supporting documents
o Both GRE and TOEFL/IELTS scores are to be submitted at the time of admission

Please also read section on Admission of Foreign Nationals in the prospectus.

5-year Integrated M.Tech. in Computer Science and Engineering
The School has introduced a 5-year Integrated M.Tech. Program in Computer Science with effect from the academic year 2014-15. The students will be awarded Integrated M.Tech (CSE) degree at the end of five years from the academic year 2022-2023. It is to be noted that there is *no exit option.* This program is intended to provide` a high quality computer science and engineering education with a curriculum that is state-of-the-art. The School boasts of a good student-teacher ratio that allows faculty to give individual attention to students.

Admission Process
The admission to 5-year Integrated M.Tech. in Computer Science and Engineering will be done through JEE(Main) examination conducted in 2023 and the counselling for admission will be done by Joint Seat Allocation Authority (JOSAA)/Central Seat Allocation Board (CSAB).

Foreign candidates should clear SAT-I or ACT examination as a pre-requisite for admission to 5-year Integrated M.Tech. in Computer Science and Engineering and may apply directly to

office of International Affairs, University of Hyderabad. **Please also read section on Admission of Foreign Nationals in the prospectus.**

Master of Technology (M.Tech.)
This program is meant for graduates in engineering disciplines and postgraduates in related sciences. Four different streams of M.Tech. are offered by the School – M.Tech(CS), M.Tech(AI), M.Tech(IT) with specialization in Banking Technology and Information Security and M.Tech(IS). Admissions are open for industry sponsored and foreign candidates.

M.Tech. (Computer Science)
This program offers core courses of computer science like Operating Systems, Computer Architecture, Algorithms, Software Engineering at an advanced level. Specialized electives of faculty research interest are offered as electives. Students can also specialize in **"Systems", "Security"** and **"High Performance Computing"** based on courses taken and the dissertation in these areas.

M.Tech. (Artificial Intelligence)
This program is meant for students interested in specializing in artificial intelligence. Subjects include Knowledge Representation and Reasoning, Machine Learning, Natural Language Processing, etc.

M.Tech. (Information Technology)
With specialization in Banking Technology and Information Security, this program aims at imparting in-depth knowledge and state-of-the-art expertise to the students through innovative learning supported by high calibre research and technology leadership to create a pool of responsible and resourceful IT professionals, in particular, for the banking and finance sector. This course is offered in collaboration with IDRBT, an RBI institute.

M.Tech. (Information Security)
Security now attracts great attention and this unique program offers an in-depth exposure to this all important area. This program is in collaboration with C R Rao Advanced Institute of Mathematics, Statistics and Computer Science, co-located on the university campus.

Admission Process:
General Admission Information for M.Tech. Programs. Admission to programs in Computer Science, Artificial Intelligence, and Information Technology and Information Security courses is through centralized counselling by CCMT (ccmt.nic.in) and is based on valid GATE scores in Computer Science and Information Technology only.

Sponsored candidates
Five sponsored seats are available for admission into each stream of M.Tech CS, AI, IT and IS. Sponsored candidates seeking admission in the **M.Tech.** (CS/AI/IT/IS) programs are exempted from **GATE** qualification. Candidates with required basic qualifications would be selected through interviews. Employees with a minimum 2 years of work experience in IT companies registered with STPI or NASSCOM or Central Government Organizations can apply for M.Tech admission in CS/AI/IS. For M.Tech. (IT) those working in Banks/Financial institutions with a minimum of 3 years work experience will be considered. A candidate seeking admission in this

category into M.Tech. (CS/AI/IT/IS) must submit (along with application) the organization's willingness to pay a sponsorship amount of **One Lakh Rupees per candidate** (one time) to the development fund of the School. After admission, candidates are required to pay the sponsorship amount and also the usual tuition, admission and other fees as prescribed by the University for other students from time to time. These candidates need to apply to the University as per the prescribed application form.

Foreign Candidates
Foreign nationals seeking admission to M.Tech. Programs should have the required minimum qualification with background knowledge in Mathematics, Algorithms, Computer Programming etc. Candidates should have ability to communicate in English and should submit a supportive document with a good score in TOEFL/IELTS at the time of admission. In addition, students should submit a letter of reference which supports their claims to the background knowledge and ability to communicate in English. **Please also read section on Admission of Foreign Nationals in the prospectus.**

M.C.A. Program

The MCA program aims to prepare graduates in all the major areas of computer science, relevant aspects of mathematics and management so that they can take up both technical and managerial positions in industry. MCA students of earlier batches have been offered internships at companies such as IBM, GE, Microsoft, CA, CMC, Honeywell etc. and are thus provided an opportunity to learn in an industry environment during their last semester.

Note: According to AICTE the duration of MCA program is 2-year program since academic year 2020-21. The revised MCA curriculum and syllabi are announced on the university website. However, the admission process remains the same as in the previous years.

Admission Process:
MCA admissions are done based on the scores obtained in **NIMCET (National Institute of Technology Master of Computer Applications Common Entrance Test) 2023** only. **NIMCET 2023 scores, in order of merit, will be the basis for admission which is done by the counselling at the University of Hyderabad. Interested candidates need to apply to the University of Hyderabad and separately need to provide their NIMCET 2023 scores (when available) as per the information provided by Controller of Examination, University of Hyderabad. Candidates are advised to visit NIMCET 2023 website for details.**

Foreign candidates:
Foreign nationals seeking admission to MCA program should have the required minimum qualification. Candidates should have ability to communicate in English and should submit a supportive document with a good score in TOEFL/IELTS at the time of admission. **Please also read section on Admission of Foreign Nationals in the prospectus.**

General Information for admitted candidates:

The admitted candidates have to report to the School on the day of commencement of the semester. All first year students of all programs – Ph.D., Integrated M.Tech, M.Tech (CS/AI/IT/IS) and MCA – will have orientation programs on the first day of the semester to introduce them to the School faculty and be appraised of the academic procedures. The first year M.Tech. (CS/AI/IT/IS) students will have an elective orientation program along with second year MCA students in the afternoon of the first day of the semester. M.Tech. students are **strongly encouraged** to attend the elective orientation as it helps them in choosing the electives. The elective registration will happen during the first week of the semester. Elective registration preference is taken up in descending order of GATE scores and according to the limits per stream for each elective course. Students who are not physically present for the elective registration will lose the opportunity to choose electives as per their interest if these seats are filled up.

Pre-Ph.D. course work for registration to Ph.D. program:
The candidates admitted to Ph.D. program in the School will be governed by the following rules:

1. All candidates admitted to Ph.D. in the School, whether full time, part time or external, are required to complete the course work. Initial admission is provisional and subject to candidate passing the course work. In case a candidate is unable to pass the course work within one year, his/her admission stands automatically cancelled.
2. The course work will consist of four papers - Research Methods in Computer Science, Data Structures and Programming, and Ethics are core courses. In addition, there will be an elective course. The elective papers will be decided by the Research Advisory Committees of the candidates concerned.
3. Candidates are advised to take all the four courses in the first semester itself. Any exceptions will be decided by the Research Advisory Committees of the candidates concerned.
4. On successful completion of all the four papers, the candidate will be allowed to continue his/her research work towards Ph.D.

Candidates are requested to refer to appropriate section in the prospectus about UGC Regulations 2016.

M.Tech (CS/AI/IT/IS) and 5-year Integrated M.Tech (CSE).
A dissertation work is done by the students starting from the 3rd semester for M.Tech (CS/AI/IT/IS) students and 9th semester for Integrated M.Tech (CSE) students. The students have the option of doing part of their dissertation work in an external institution (academic or corporate) of high repute – both national and international – where the School has an ongoing collaboration. However, the final decision on being permitted to do part of the dissertation in an external institution is at the discretion of the project supervisor of the student concerned. Internship through placement is **not** considered part of the dissertation.

Internship
Short-term internships, especially during summer vacation times, are encouraged for all students by the School.

For further information visit: http://scis.uohyd.ac.in

Faculty

Senior Professors

C. Raghavendra Rao, Ph.D. (Osmania) - Simulation & Modeling, Knowledge Discovery, Computational Intelligence.

Professors

K.Narayana Murthy, Ph.D. (Hyderabad) - Natural Language Engineering

Chakravarthy Bhagvati, Ph.D. (RPI, USA) - Image Processing, Computer Vision, Deep Learning

Atul Negi, Ph.D. (Hyderabad), M.S. (I.I.Sc., Bangalore) - Pattern Recognition and its Applications, Computational Intelligence, Technology Enhanced Learning**(Dean of the School)**.

Siba Kumar Udgata, Ph.D. (Berhampur) - Mobile Computing, Networks and Architecture.

Rajeev Wankar, Ph.D. (DAVV, Indore) – Parallel Computing, Grid Computing, Analysis of Algorithms

Alok Singh, D.Phil. (Allahabad) - Combinatorial Optimization using Heuristic & Metaheuristic techniques.

Vineet C. P. Nair, Ph.D. (Griffith University, Australia) - Knowledge Representation and Reasoning, Multi-Agent Systems, Logics in Artificial Intelligence.

S. Durga Bhavani, Ph.D. (Hyderabad) - Analysis of Algorithms, Fractal Geometry, Mathematical Modeling, Social Network Analysis, Algorithms in Bioinformatics, Analysis of Algorithms.

V.Ch.Venkaiah, Ph.D. (I.I.Sc., Bangalore) – Discrete Mathematics, Algorithms, Cryptography

Salman Abdul Moiz, Ph.D. (Osmania) – Distributed Computing, Software Engineering, Disaster Recovery

K. Swarupa Rani, Ph.D. (Acharya Nagarjuna), Data Mining, Time-Variant Databases, Machine Learning

Associate Professors

T. Sobha Rani, Ph.D. (Hyderabad) - Bioinformatics, Machine Learning Techniques, Advanced Data Structures

Digambar Pawar, Ph.D. (BITS, Pilani), M.Tech. (NIT Warangal), B.Tech. (Andhra University) – Digital Forensics, Cloud Computing, Cyber Security

Nagender Kumar Suryadevara Ph.D. (Massey University, New Zealand)-Wireless Sensor Networks, Internet of Things and Real-Time Data Mining.

Y.V. Subba Rao, Ph.D. (Hyderabad) - Cryptography, Theory of Computation, DBMS, Data Forensics

P S V S Sai Prasad, Ph.D. (Hyderabad) - Data Mining, Rough Sets, Big Data Analytics- Data Mining, Rough Sets.

N. Rukma Rekha, Ph.D. (Andhra U.) - Object Oriented Analysis and Design, UML, Cryptography, Pervasive Computing, Software Engineering

Satish N. Srirama, Ph. D. (RWTH Aachen University, Germany) - Cloud Computing, Mobile Web Services, Mobile Cloud, Internet of Things, Fog Computing, Large-scale data analytics on the Cloud.

Assistant Professors

Wilson Naik, M.Tech. (JNTU Hyderabad) - Network Forensics, Systems Security, Networking

P. Anupama, Ph.D. (Hyderabad), M.S. (UMBC, USA) - Networking, Operating Systems and Graph Mathematical Morphology.

M. Nagamani, M.Tech. (JNTU, Hyderabad) - Speech Processing, Information Retrieval, Intelligent tutoring system, Cognitive psychology, Embedded Systems

Rajendra Prasad Lal, Ph.D. (Utkal) - Graph Algorithms, Mathematical Programming, Computational Geometry.

Anjeneya Swami Kare, M.Tech. (IIT Kanpur), Ph.D.(IIT Hyderabad) - Graph Theory, Algorithms, Data Structures, Theory of Computation.

Nekuri Naveen, Ph.D. (Hyderabad), M. Tech (SE), B.Tech. (CSIT), – Data Mining, Neural Networks, Optimization

Md. Abdul Saifulla, Ph.D. (Anna), M.S. (IIT Madras) – Computer Networks, Algorithms

Avatharam Ganivada, Ph.D. (Calcutta), M.Tech. (Andhra), M.Tech. (**University of Mysore**) – Machine Learning, Softcomputing

Faculty of IDRBT

Professors

V.N. Sastry, Ph.D. (IIT Kharagpur) – Optimization Techniques, Fuzzy Control, Mobile Payments Security, m-Governance, ALM, Portfolio& Network Optimization

Vadlamani Ravi, Ph.D. (Osmania), RWTH Aachen, Germany – Data Mining, Text Mining, Big Data Analytics, Soft Computing, Neuro/Fuzzy/Evolutionary Computing and applications.

B.M. Mehtre, Ph.D. (IIT Kharagpur) – Cyber Security, Digital Forensics, and Biometrics

Associate Professors

M.V.N.K. Prasad, Ph.D. (B.H.U.) - Image Processing, Security and Biometrics

G. R. Gangadharan, Ph.D. (University of Trento, Italy) – Cloud Computing, Web Services, Green IT.

N. P. Dhavale, FPM (IIM Calcutta) - Payment Systems, IT Infrastructure

V. Radha, Ph.D. (Hyderabad) – Cloud Computing, Security, Networks, Web Services

Assistant Professors

Rajarshi Pal, Ph.D. (IIT Kharagpur) – Image Processing, Cyber Security.

N.V. Narendra Kumar, Ph.D. (TIFR) - Design, Modelling, Security Analysis of Systems including Operating Systems, Payment Protocols and Mobile Apps

P. Shyam Kumar, Ph.D. (Pondicherry) - Cloud Computing, Virtualization, Cryptography, Internet of Things, Big Data, Internet Technologies & Compiler Design.

Nagesh B. Sristy, Ph.D. (NIT Warangal) - Machine Learning, Data Mining, Big Data Analytics, Text Analytics, Database Systems, Distributed Systems

Abhishek Thakur, Ph. D. (BITS-Pilani), M.S. (Capella University, Minneapolis, USA) B.E. (Roorkee).

Faculty of CR Rao AIMSCS

Professor
Dr S.Venkataraman(Director) (Ph.D-University of Hyderabad)- Cyber Security, Image & Video Processing, AI & ML

Associate Professor
Dr T. Appala Naidu (Ph.D-JNTU Hyderabad) - Algorithms, Cyber Security, Cryptography & Cryptanalysis

Assistant Professors
Dr K.V. Pradeepthi (Ph.D-Anna University) Computer Networks, Web Security, Machine Learning
Dr G. Padmavathi (Ph.D-JNTU Hyderabad) Mathematics, Cryptography, Cryptanalysis, Machine Learning
Dr Supriya Goel (Ph.D-Gautama Buddh University) Communication Security, IoT and 5G

Visiting Professors

The School invites distinguished scholars to give lectures and participate with faculty for research.
Dr. Rajkumar Buyya, University of Melbourne, Australia
Dr. Andre Rossi, Université d'Angers, France

The School has at present 109 research scholars on rolls .

SCHOOL OF PHYSICS

The School of Physics is a centre of excellence for multi- disciplinary and interfacial research and teaching in diverse fields that range from nano-sciences and cold atoms to cosmology and from photonics, quantum field theory, spintronics, and particle physics to complex systems. The School has been selected by the UGC as a Centre for Advanced Study (CAS) Level II to strengthen its teaching and research programs. It has obtained level II funding under the FIST scheme of DST in a nationwide competition. The DST has recognized the School as one of the five founding centres in the country for Theoretical Physics Seminar Circuit (TPSC). The School has been acknowledged as a 'Centre of Excellence' by the Third World Academy of Sciences, Trieste, Italy. It has won recognition by UGC to establish the Networking Resource Centre (NRC), which promotes various outreach programs to upgrade teaching and research through interaction with researchers from colleges and educational institutions across the country. The faculties of the school have research collaborations with many institutions both in India and abroad, such as the ongoing ones with Fermilab, on neutrino experiments, and discussions with CERN for compact muon solenoid experiments.

The School of Physics has developed high-quality teaching programs at the Integrated M.Sc., M.Sc., and Ph.D. levels with a student-teacher ratio that is favorable for individual attention.

The School offers active research programs to train Ph.D. scholars and has gone on to achieving national and international recognition in areas that include condensed matter physics, high-energy physics (experiment and theory), quantum field theory, cosmology, gravity, nonlinear optics, quantum optics, laser physics, nanoscience, and electronics science. In particular the areas of research include critical phenomena, liquid crystals, thin films, ion beam physics, semiconductors, nanostructured materials, quantum dots, cold atoms, quantum field theory, heavy flavor phenomenology, gravitational waves, neutrino physics, experimental high energy physics, quantum computing, high Tc superconductivity, shape formation in metals and ceramics, magnetism, modern quantum optics, femtosecond laser experiments, ferroelectrics and microwave devices, experiments and computational studies on soft and active matter, biological matter and Photonic Crystals

Prof. K. C. James Raju is the Dean of the School.

Programs of Study

The School offers **I.M.Sc. (Physics)**, **M.Sc. (Physics)**, and **Ph.D.** programs.

I.M.Sc. (Physics) – a 5-year Integrated course: This program is of five years (10 semesters) duration with an exit option after three years, with a B.Sc. degree. The Physics courses taken by the students in the first six semesters include Mechanics, Vibrations and Waves, Electricity, Magnetism and Electromagnetic Theory, Properties of Matter, Kinetic Theory and Thermodynamics, Optics, Modern Physics and Atomic and Molecular Physics. In addition, the corresponding laboratory courses are also run during the semesters to complement the classroom teaching and strengthen the students' understanding and application. The teaching lays an emphasis on tutorials and problem-solving. In the subsequent four semesters, the I.M.Sc. student follows the course work offered in the standard M.Sc. program.

M.Sc. (Physics) –The first three semesters cover the fundamentals of the subject. The courses taken by all the students include Classical Mechanics, Quantum Mechanics, Mathematical Methods, Electrodynamics, Statistical Mechanics, Introductory Particle Physics, Introductory Solid-State Physics, Introductory Optics and Laser Physics, Atomic and Molecular Physics, Computer Applications and Electronics. Besides ensuring a strong Physics foundation through class room teaching, laboratory courses in Electronics, Solid State Physics, Digital Electronics, Laser Physics, Microwaves, Modern Physics, Nuclear and Particle Physics are also a part of the curriculum. There is a strong emphasis on problem-solving and learning experimental techniques. In the fourth semester, the students choose electives from a wide range of specialization courses. There is also a project component in the course-work in third and fourth semesters. The students can choose to do their project with any faculty of the School. The course-work and the syllabi are however updated and modified on a regular basis to meet the demand of time.

Ph.D. (Physics): All students admitted into the Ph.D. programs are required to undergo course work. Satisfactory completion of prescribed course work with at least 50% marks is a prerequisite for confirmation of Ph.D. registration. After the successful completion of the course-work, a Ph. D. student undertakes research work under the supervision of a faculty member, and on a topic approved by the School. The student is required to show satisfactory progress throughout the period of research and fulfill other requirements prescribed by the School. Such progress is monitored every semester by a Doctoral Research Committee (DRC). Apart from the course work, the Ph.D. requirements are the submission of research results in the form of a thesis and defense of the thesis in an open viva-voce examination.

Entrance Examination

M.Sc. (Physics)
The admissions to M.Sc. (Physics) will be based on the rank obtained in CUET (PG) which will be conducted by the National Testing Agency (NTA).

Ph.D. (Physics)
The admission to Ph.D. in Physics is based on entrance examination. On the basis of their performance, students who qualify in the written test/entrance examination will be called for an interview.

However, those who have qualified for CSIR-UGC-JRF can apply directly against University notification and appear for an interview. The framework for the interview will be as per the UGC Regulations.

Faculty

Senior Professors

K. C. James Raju Ph.D. (IIT Madras) – Condensed Matter Physics, Ferroelectric and Magnetoelectric Thin Films, Microwave Electronics. Laser –Matter Interactions for material processing. (also, in CASEST) **(Dean, SoP)**

Nirmal K. Viswanathan, Ph.D. (UoH, Hyderabad) – Singular Optics, Optical Angular Momentum, Spin-Orbit Interaction of Light and Near- Field Optics (E)

Professors

Guruswamy Rajaram Ph.D. (TIFR, Mumbai) - Micro-electronics, Device Fabrication (also in CASEST)

M. Ghanashyam Krishna Ph.D. (I.I.Sc. Bengaluru) - Nanostructured Materials, Thin Films, Sensors and Devices. (also, in CASEST) **(Head, CASEST)**

P. K. Suresh, Ph.D. (CUSAT, Cochin) - Gravitation and Cosmology (T)

Suneel Singh, Ph.D. (UoH, Hyderabad) - Quantum Optics, Non-linear Optics (T)

Rukmani Mohanta, Ph.D. (Utkal University) -High Energy Physics, Heavy Flavour Physics, Neutrino Physics (T)

S. Srinath. Ph.D. (UoH, Hyderabad) - Condensed Matter Physics, Magnetic nanostructures. Multilayers/thin films, Magnetic oxides, Multiferroics (E)

E. Harikumar, Ph.D. (UoH, Hyderabad) - Quantum Field Theory and Gravity (T)

Surajit Dhara, Ph.D. (RRI, Bangalore) – Soft Matter and Living Systems, Soft Matter Photonics (E & T)

Samrat L. Sabat Ph.D. (Berhampur) - Digital Signal Processing, Cognitive radio network, VLSI Signal Processing. (also, in CASEST)

S. V. S. Nageswara Rao Ph.D. (UoH, Hyderabad) - Electronic Materials and Devices: Design, Fabrication, Ion beam studies, Radiation damage and Reliability studies. (also, in CASEST)
Sharath Ananthamurthy, Ph.D. (The University of Iowa, USA) - Soft Condensed Matter, Biophysics, Optics, Laser Spectroscopy (E)

Vemuru Subrahmanyam, Ph.D. (TIFR, Bombay) – Theoretical Condensed Matter Physics, Strongly-correlated Systems, Quantum Entanglement and Information (T)

G. Vaitheeswaran, - Ph.D. (Anna University, Madras), Solid state theory, Material science, Magnetism, Superconductivity, High Pressure Studies, elastic and mechanical properties investigated using first principles density functional calculations (DFT). (T).

P. Prem Kiran, Ph.D. (UoH, Hyderabad) Laser - matter interaction, Spatio-temporal evolution of laser induced plasmas and shock waves; Propagation of Ultra short, intense femtosecond pulses in transparent media; Nonlinear Optics; Laser Shock Peening (Experiment and Simulations).

P. Manimaran, Ph.D. (UoH, Hyderabad) - Computational Physics, Complex Systems, Network Science, Computational Biology (T).

Associate Professors

Ashoka S. Vudayagiri, Ph.D. (UoH, Hyderabad) – Quantum Optics. Laser Cooling, Quantum Information, Ferrofluids (E)

Soma Sanyal, Ph.D. (IoP, Bhubaneswar) - Cosmology, Heavy-ion Collisions (T)

Assistant Professors

A. Rajani Kanth, Ph.D. (University of Tsukuba, NIMS - Japan) – Spintronic Devices (E)

Venkataiah Gorige, Ph.D. (Osmania University, Hyderabad) - Condensed Matter Physics, Magnetic Materials & Multiferroics, Electric field control of Magnetism (E)
Shyamal Biswas, Ph.D. (IACS, Kolkata) - Statistical Mechanics and General Physics (Theory)

Barilang Mawlong, Ph.D. (UoH, Hyderabad) – Theoretical High Energy Physics (T)

N. Sri Ram Gopal, Ph.D. (Tulane University, USA) Ultrafast Spectroscopy, Nonlinear Optics, Laser Surface Patterning (E)

Abhiram Soori, Ph.D. (Indian Institute of Science, Bengaluru) – Condensed Matter Physics (T): Quantum transport, topological insulators, superconductors, Majorana fermions, Floquet systems, graphene, non-Hermitian physics.

Yalla Ramachandrarao, Ph.D. (University of Electro-Communications, Tokyo, Japan) - Quantum Optics, Cavity Quantum Electrodynamics, Nano-photonics, and Diamond Nano-photonics (E)

Emeritus Faculty/ Fellow/ Scientist

A. K. Bhatnagar, Ph.D. (Maryland, USA) - Materials Science (E), (NASI Honorary Scientist)

A. P. Pathak, Ph.D. (I.I.T. Kanpur), F.N.A.Sc .. F.lnst.P. (London), C.Phys. - Atomic Collisions in Solids, Radiation Damage, Surface Physics, Super lattices & Heterostructures (T & E), (NASI Senior Scientist Platinum Jubilee Fellowship)

S. N. Kaul, D.I.I.T., Ph.D. (I.I.T. Kharagpur), F.N.A., F.A.Sc., C.Phys., F.lnst. P (London) – Condensed Matter Physics, Phase Transitions. Magnetism, Critical and Re-entrant Phenomena (E) (INSA Honorary Scientist)

V. Seshu Bai, Ph.D. (I.I.T. Madras), Condensed Matter Physics (E), Superconductivity, Intermetallics, Rapid Prototyping and Gel-casting of Ceramic & Metallic Components (E) (Emeritus Professor)

Honorary Professors

D. Narayana Rao, Ph.D. (I.I.T. Kanpur) - Non-linear Laser Spectroscopy (E)

S. Dutta Gupta, Ph.D. (Moscow, Russia) – Quantum Optics, Nonlinear Optics, Plasmonics, Nano Optics (T).

P. Anantha Lakshmi, Ph.D. (UoH, Hyderabad) – Quantum Optics, Cavity Optomechanics, Quantum Information (T).

B. V. R. Tata Ph.D. (University of Madras) - Soft Condensed Matter and Photonic Crystals (Experiments & Simulations)

M. Sivakumar, Ph.D. (University of Madras) - Quantum Field Theory (T), General Relativity, Physics Education.

Bindu A. Bambah, Ph.D. (Chicago, USA) –Quantum Field Theory, Neutrino Physics, Quantum Entanglement– Theoretical Physics, Experimental Neutrino Physics, High Energy Cosmology, Women in Science (T)

Please visit http://sop.uohyd.ac.in/ for more details on faculty and their area of research

CENTRE FOR ADVANCED STUDIES IN ELECTRONIC SCIENCE & TECHNOLOGY (CASEST)

The Centre for Advanced Studies in Electronics Science and Technology (CASEST) carries out academic and research activities in all areas of Electronics Science, Engineering and Technology. CASEST offers three programs: Master of Technology in Integrated Circuits Technology [M.Tech. (ICT)], Master of Technology in Microelectronics & VLSI Design [M.Tech. (MVLSI)], and Ph.D. in Electronics Science and Engineering.

Prof. M. Ghanashyam Krishna is the Head of the Centre and can be reached at headcasest@uohyd.ac.in

M.Tech. (Integrated Circuits Technology) (regular mode: 18 seats): It is a two-year (4-semester) AICTE approved program. The first two semesters are devoted to course-work, and the next two semesters are devoted to Master's thesis work. Students have the option to do their Master's thesis within the University or Industry or R & D Labs in relevant area. For all candidates carrying out thesis work in Industry or R&D Labs, there will be two supervisors: one from the respective Lab/Company and the other from CASEST, University of Hyderabad. Currently, the course work offered by CASEST covers theory and laboratory courses in Analog, Mixed-Signal, Digital, RF CMOS IC Design, Microwave-RFIC, MEMS and THz Technology, Semiconductor Devices and Microelectronics fabrication. The laboratory courses cover Design, Simulation, Fabrication, Testing and Validation of Devices and Integrated Circuits by using state-of-the art EDA Tools, Technologies and Techniques. Students will be exposed to cleanroom based device fabrication processes in the cleanroom available inside the University.

M.Tech (Integrated Circuits(IC) Technology) Regular Mode (With valid GATE score: 18 Seats through Centralized Counseling for M.Tech Admissions: **CCMT):**

Admission: Admission to M.Tech (IC Technology) in the regular mode is based only on the GATE scores in the order of merit in one of the following: 1) Electronics and Communication Engineering, 2) Instrumentation Engineering and 3) Physics. There is no written test or interview for admission to this course.

The counseling for M.Tech (IC Technology) regular mode is through Centralized Counseling for M.Tech Admissions (**CCMT).** Therefore, the eligibility is as per CCMT guidelines.

M.Tech. (Integrated Circuits Technology) Sponsored Mode (Without GATE Score: 12 Seats): In addition to regular mode, twelve seats are available for candidates with minimum three years of experience in Govt. R&D Labs/Public Sector Units/Publicly Listed Companies and sponsored by their parent organizations. When it comes to companies, the following

companies only will be considered: (i) Listed company in any stock exchanges in India or (ii) Company with Corporate Social Responsibility (CSR) (Ministry of Corporate Affairs has notified Section 135 and Schedule VII of the Companies Act as well as the provisions of the Companies (Corporate Social Responsibility Policy) Rules, 2014 (CSR Rules) which has come into effect from 1 April 2014 and certain amendment in May 2016). Shortlisted candidates based on marks in the qualifying degree in the order of merit will be called for interview and the admission will be based on performance in the interview according to merit. **The educational qualification requirements are the same as regular mode M.Tech. (Integrated Circuits Technology) except for GATE score**. The sponsored applicants have the option to do their one year M.Tech Thesis work in their respective Lab/Company. The duration for completing the course for sponsored candidates will be the same as for regular candidates. Eligible candidates who wish to apply under sponsored category need to send a hard copy of their application, (in addition to online application) with "SPONSORED CATEGORY – M.Tech (ICT)" clearly marked on the top of the first page of the application, along with the sponsorship certificate from the organization to The Controller of Examination, University of Hyderabad, Prof. C.R. Rao Road, Gachibowli, Hyderabad-500046 before the last date. The course fees for sponsored category is Rs.50,000/- (Fifty thousand rupees) per semester. Reservation policy as per the Govt of India rules will be applied.

The candidates admitted to this program (sponsored mode) are not entitled for any fellowship from AICTE/University even if they have a valid GATE score.

M.Tech. (Microelectronics & VLSI Design) (18 seats): It is a two-year (4-semester) program. The first two semesters are devoted to course-work, and the next two semesters are devoted to master's thesis work. Students have the option to do their master's thesis within the University or Industry or R & D Labs in the relevant area. For all candidates carrying out thesis work in Industry or R&D Labs, there will be two supervisors: one from the respective Lab/Company and the other from CASEST, University of Hyderabad. This program covers theory and laboratory courses in Analog, Mixed-Signal, Digital, RF devices and circuits, VLSI Signal processing, MEMS and THz Technology, Devices and Microelectronics fabrication. The laboratory courses cover Design, Simulation, Fabrication and Testing by using state-of-the art EDA Tools, Technologies and Techniques. Students will be exposed to cleanroom based device fabrication processes in the cleanroom available inside the University.
Admission: Admission to M.Tech (Microelectronics and VLSI design) in the regular mode is based only on the GATE scores in the order of merit in one of the following: 1) Electronics and Communication Engineering, 2) Instrumentation Engineering and 3) Physics. There is no written test or interview for admission to this course.

The counseling for M.Tech (IC Technology) regular mode is through Centralized Counseling for M.Tech Admissions (**CCMT).** Therefore, the eligibility is as per CCMT guidelines.
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Educational Qualification: A minimum 60 % or equivalent aggregate marks in B.E/B.Tech in Electronics and Communication Engineering/ Electrical and Electronics Engineering/Electronics and Instrumentation Engineering/Electronics Engineering. (Please see table in Chapter **2** for detailed eligibility criteria).

Ph.D. (Electronics Science and Engineering) (05 **Seats**): It is a research program covering all areas of Electronics Science, Engineering and Technology such as Semiconductor Devices (simulation and fabrication), Microelectronics, VLSI design, Sensors, integrated circuits technology, Thin Film Devices, Tunable Microwave Devices, Sensors, Signal Processing, Neural Networks etc.

Admission to Ph.D program: The admission to Ph.D. (Electronics Science and Engineering) is based on entrance examination conducted by the University. This entrance examination is a qualifying one as per UGC regulations. On the basis of their performance, students who qualify in the entrance examination will be called for an interview. However, those who have qualified for UGC-JRF in Electronics Science can apply directly against the University notification and appear for an interview. The framework for the interview will be as per the UGC Regulations.

All admitted Ph.D students will have to successfully complete the course work as stipulated by the University of Hyderabad regulations. Further details are available at the following link http://casest.uohyd.ac.in

Faculty

Senior Professor
K. C. James Raju Ph.D. (IIT Madras) Materials, Devices, Simulations and Measurement Techniques for Microwave frequency range, Ferroelectric Thin Films, Laser –Matter Interactions for material processing, Nano Electronics and Condensed Matter Physics.

Professors
Guruswamy Rajaram Ph.D. (TIFR, Mumbai) Micro-electronics, Device Fabrication

M. Ghanashyam Krishna Ph.D. (I.I.Sc.) Nanostructured Materials and devices, Thin Films, Sensors and Devices **(HEAD)**

Samrat L. Sabat Ph.D. (Berhampur) Digital Signal Processing, Cognitive radio network, VLSI Signal Processing

S. V. S. Nageswara Rao Ph.D. (University of Hyderabad) Electronic Materials and Devices: Design, Fabrication, Ion beam studies, Radiation damage and Reliability studies.

Assistant Professors
Pratap Kollu Ph.D. (Chungnam National University, South Korea) Nanomagnetic sensors and materials, 2D Materials, Lab on-chip biosensors.

Bhawna Gomber, Ph.D (Saha Institute of Nuclear Physics) Experimental High energy physics, Trigger Electronics, Algorithm development and Signal processing.

Anjali Priya, Ph.D (Motilal Nehru National Institute of Technology (MNNIT, Allahabad). Semiconductor Devices, VLSI and Analog Design, Nanoscale Device Modeling and Simulation.

Adjunct Professors

S.L. Badnikar (ex-CEO, GAETEC, Hyderabad)

P.K. Meher (formerly, Senior Fellow and Senior Research Scientist, Nanyang Technological University, Singapore)

ADVANCED CENTRE OF RESEARCH IN HIGH ENERGY MATERIALS (ACRHEM)

ACRHEM-Advanced Centre of Research in High Energy Materials, a DRDO Centre of excellence, came into existence with a memorandum of Collaboration (MOC) signed between Defence Research and Development Organization (DRDO) and University of Hyderabad (UoH) in March 2005. The major objective of the Centre is to develop new novel high energy materials (HEMs) for explosives and propellant application and development of explosive detection techniques using ultrafast laser-based spectroscopic techniques. The research at the Centre is interdisciplinary in nature, directed to develop deeper insights into the design of new energetic materials based on quantum chemistry principles, synthesis and development of new HEMs, development of energetic binders, oxidizers, nanomaterials and nanothermites, LASER based technologies for detection and discrimination of HEMS, LASER - mater interactions and theoretical studies on solid state properties of HEMs.

The chemistry research facilities are supported by four state of the art wet chemistry laboratories to deal with HEMs. The wet laboratories are developed with inputs from HEMRL (Pune) and VSSC (Trivandrum), the two leading laboratories working in the area of HEMs for a long time. About 30 chemistry researchers work full time for the Centre. The Centre has in-house facilities for characterization of intermediates and final products of chemical reactions and also to evaluate the sensitivity of newly developed HEMs. The characterization facilities include Liquid chromatograph coupled high resolution mass spectrometer (LC-HRMS), FTIR, UTM, Fluorimeter, DMA, TG-DTA, DSC, UV-Vis-NIR spectrophotometer, Combustion Calorimeter, Pycnometer, Viscometer, etc., and being augmented with solid state NMR, single crystal XRD, CHNS/O analyzer etc.

ACRHEM provides high-quality teaching with student-faculty ratio highly favorable for individual attention. The Centre has various ongoing research programs both in experimental and theoretical fields to train Ph.D. scholars in fundamental as well as applied areas of Physics and Chemistry processes involved with HEMs. The following broad areas of research are being pursued at ACRHEM: Design of novel HEMs; Synthesis of novel HEMs; Synthesis of green oxidizers; Synthesis of energetic binders and plasticizers; Synthesis of nanomaterials and development of nanostructures; Development of nanothermites; Computational modelling of chemical kinetics of HEMs; Computational Physics,; THz generation/characterization and spectroscopy, Surface Plasmon characterization and applications; Laser induced shock wave generation and characterization; Numerical simulations of laser induced shock waves; Time and spatially resolved spectral analysis under extreme conditions; Development of instruments and technology to observe, measure, by ultrafast measurement techniques the processes involved in the HEM applications; Detection of energetic materials/explosives using LIBS, THz, Raman,

CARS, SERS, Photoacoustic techniques; Polymer Sciences involving HEMs; Density functional study of HEMs involving electronic structure and mechanical property calculations; Modelling the physics of the release of energyby HEMs; Material Sciences of HEM;
More details can be found at **www.acrhem.org.**

ACRHEM faculty, scientists and students have accomplished several national and international honors such as Fellow of the Royal Society of Chemistry, UK; Fellow of the Institute of Physics, UK; Senior Members of the OSA, IEEE, SPIE; MRSI medal; B.M. Birla Science Prize; DAE Young Achiever award; NASI-SCOPUS young scientist award; Fellow of the Telangana Academy of Sciences; Dalmia-HEMCE award; Chancellor's award of the UoH; K.V. Rao Young Scientists etc.. The faculty of ACRHEM serve in the editorial boards of several reputed international journals such as Optics Letters (OSA), RSC Advances (RSC), Optoelectronic Advances (CLP), Frontiers (Optics & Photonics). Some of the Ph.D. students of ACRHEM have been placed in prestigious institutes abroad as post-docs and as faculty members in IIT Kanpur and NIT Kurukshetra.

Infrastructure
ACRHEM has state-of-the art laboratory facilities with advanced equipment required to carry out research in all the major areas of our expertise, in addition to being able to access other infrastructure from the University pool. More details of the **facilities of the Centre** are available on our website.

Computer & Library Facilities:
The Centre also possesses EXPLO5 ver. 6.03 Thermokinetic Code for Explosive/Combustion Property Calculations. Access to the University's CMSD / HPCF computer facility is additionally available for simulation work. The Centre has a highly specialized library which houses books on a range of subjects relevant to the fields of research of its faculty and research scholars. In addition, access is available to a large number of books and journals through the University's Indira Gandhi Memorial Library.

Faculty

Dr. V. Kameswara Rao, Ph.D. (IIT Madras-Chemistry) M.C.A (IGNOU, New Delhi).High Energy Materials, Gas Sensors, Biosensors, Nanomaterials, Adsorption Materials, Electrochemistry
(Director)

Professors
Prof. S. Venugopal Rao, Ph.D. (Hyderabad) – Ultrafast Laser Spectroscopy, Ultrafast Ablation, Femtosecond Laser Induced Breakdown Spectroscopy, Laser Direct Writing, Surface Enhanced Raman Spectroscopy, Ultrafast Nonlinear Optics, Explosives Detection Techniques. (Experiment)

Prof. A.K. Chaudhary, Ph.D. (Burdwan) - Laser Spectroscopy and Nonlinear Optics. (Experiment)

Prof. G. Manoj Kumar, Ph.D. (Hyderabad) - Laser induced breakdown spectroscopy, Raman spectroscopy, Design and development of experimental methods for detection of hazardous materials, Multivariate statistical analysis of spectroscopy data. (Experiment)

Project Scientists

Dr. Sree Harsha Srikantaiah, PhD (Oklahoma State University, USA) Terahertz spectroscopy, Terahertz imaging, Terahertz waveguide sensors for explosives, Ultrafast laser pulse propagation and characterization, Ultrafast filamentation, Optical methods for Remote sensing. (Experiment)

Dr. Rajasekhar Koorella, Ph.D. (IICT, Hyderabad) - Synthetic Organic Chemistry, Asymmetric Synthesis, Synthesis of High Energy Materials, Development of novel synthetic methods. (Experiment)

Dr. N. Kishore Babu, Ph.D. (University of Hyderabad) Synthetic Organic Chemistry, Development of Novel Synthetic Methods - Organic Small Molecules, Rational Design and Synthesis of High Energy Materials, Synthesis of Precursors for Polymer Synthesis and Asymmetric Synthesis, (Experiment)

Dr. Muddamarri Hanumantha Rao, Ph.D. (University of Hyderabad) Synthesis and Characterisation of boron-based high energy materials and their applications, Design, Synthesis and characterization of Nitrogen rich molecules for energetic material applications, Chemical hydrogen-storage materials.

Associate Faculty

School of Chemistry

Prof. M. Durga Prasad, Ph.D. (Calcutta) Theoretical Chemistry: Quantum Dynamics and Many-Body Theories (Theory)

Prof. Tushar Jana, Ph.D. (Jadavpur) Polymer and Materials Science (Experiment)

Prof. P.K. Panda, Ph.D. (IISc., Bangalore) Synthesis and Exploration of chemical, biological and material aspects of porphyrinoids (Experiment)

Prof. A.K. Sahoo, Ph.D. (NCL, Pune) Organic synthesis and Organometallic chemistry. (Experiment)

Prof. K. Muralidharan, Ph.D. (IIT, Kanpur) Synthetic main group chemistry and polymers, Nano synthesis (Experiment)

School of Physics

Prof. P. Prem Kiran, Ph.D. (Hyderabad) - Laser - matter interaction, Spatio-temporal evolution of laser-induced shock waves; Propagation of Ultrashort, intense femtosecond pulses in transparent media; Nonlinear Optics. (Experiment and Numerical simulations)

Prof. G.S. Vaitheeswaran, Ph. D. (Anna University) Solid state theory, Material Science, Magnetism, Superconductivity, High-Pressure Studies, elastic and mechanical properties investigated using first-principles density functional calculations (DFT). (Theory)

Dr. Ashoka S. Vudayagiri, Ph.D. (Hyderabad) Quantum Optics, Laser Cooling (Experiment).

There will be no admissions to Ph.D. in ACRHEM during this academic year 2023-24.

CENTRE FOR EARTH, OCEAN AND ATMOSPHERIC SCIENCES (CEOAS)

The Centre for Earth, Ocean and Atmospheric Sciences (CEOAS) was established (formerly as UCESS) at the University of Hyderabad (UoH) in February 2005 to offer academic programs in the areas of Solid Earth, Ocean and Atmospheric Sciences, to carry out multidisciplinary research, and to understand the processes that connect all three components. The vision of the CEOAS is to become a global centre of excellence in Earth, Ocean and Atmospheric Sciences through innovative teaching and research to produce highly skilled manpower capable of addressing novel scientific and societal challenges. The Centre's focus is on advancement in understanding of Earth processes, resource exploration for future generations, natural hazards, extreme events in the context of global environmental and climate change. The research at this Centre encompasses dynamics and evolution of the Solid Earth, its natural resources, soils and water systems, environment, physics and dynamics of oceans and atmosphere, climate variability and global biodiversity. The Centre's mission is to provide a holistic understanding of planet Earth's dynamic processes, and linkages among the geosphere, the hydrosphere, the atmosphere and the biosphere through high quality teaching, so as to enable the students to become leaders in academic and research institutions, and professional organizations, to conduct innovative research in Earth Sciences, and to promote national and international collaborations, and to build world class infrastructure for teaching and edge-cutting research in Earth Sciences. Further, the curriculum and various courses at the CEOAS are designed in such a way as to train students to evolve into leading researchers in relevant professional organizations, government departments and industries, and also pioneer in the advancement of Earth Sciences knowledge in academia. We also teach a foundation course (Earth and its Interacting Components), which reaches hundreds of students, who are largely from non-geosciences courses. This promotes a broader understanding of processes and critical issues linking the Solid-Earth, Oceans, Atmosphere, Hydrosphere and Biosphere, and their relevance for society.

CEOAS has signed MoUs with the Indian National Centre for Ocean Information Sciences (INCOIS), CSIR – National Geophysical Research Institute (NGRI), Indian Institute of Tropical Meteorology (IITM), Pune,, and Finnish Meteorological Institute (FMI), Finland, Geological Survey of India (GSI, Natural Resource Exploration), Kolkata, for carrying research in mutually interested areas of Earth, Ocean and Atmospheric Sciences, and also utilizing the knowledge of scientists from the institutions for teaching in the university. Besides, the Centre also collaborates with several other reputed national and international academic and research institutions. The UGC has accorded recognition to the Centre, and granted faculty and research grants through their Innovative Research Programs. The Centre is currently in the path of

expansion of its infrastructure facilities with funding from DST-PURSE, MoES, DST and DST-FIST. It hosts well equipped geophysical, geological and geochemical laboratories. The State-of-the-art geological sample preparatory and analytical facilities include rock crushing machines, sedimentary biomarker extraction setups, microwave assisted digestion and Inductively coupled Plasma Mass Spectrometer.

Programs of Study:

The Centre offers (i) **M.Sc. (2-year)** Program in Ocean and Atmospheric Sciences, and (ii) **Integrated M.Sc. (5-year**) Program in Applied Geology. The Centre also offers a **Ph.D.** Program in Earth and allied subjects. All Programs ensure that the man power trained at the Centre has the knowledge and competence to carry our frontline research, and develop cutting-edge Earth Science technologies.

M. Sc. (2 Year) - Ocean and Atmospheric Sciences:

This is a four-semester Program open to candidates with a Bachelor's degree in any branch of science, who have studied both mathematics and physics as compulsory subjects, or B. Tech. degree in civil/mechanical/electrical branches. The admission is for both sponsored and non-sponsored candidates. Selection of candidates for admission will be based on their academic qualifications, written test marks and a personal interview. The enrolled students will also abide costs towards visits to national laboratories which will be conducted as a part of their curriculum during the course of the Program.

The total number of seats/intake for M.Sc. (2- year) - Ocean and Atmospheric Sciences is 18 + 2*

***sponsored**

Both sponsored (sponsoring agency) and non-sponsored candidates will have to pay the fees as prescribed by the university.

Integrated M.Sc (5-year) - Applied Geology

This is a ten-semester Program open to candidates who have studied science subjects at 10+2 level of education (Intermediate/CBSE/ICSE/HSC or equivalent) with a minimum of 60% marks. The first four semesters of Applied Geology course are common on par with other M.Sc. (5-year integrated Programs) courses. Students who have not studied mathematics in 10+2, are expected to put additional efforts to learn mathematics during the first two years of the course. The enrolled students will have to bear the costs towards the field work including travel, accommodation, food, etc, which will be conducted as a part of their curriculum during the Program.

The total number of seats/intake for Integrated M.Sc. (5- year)- Applied Geology is 20.

Ph.D. in Earth, Ocean and Atmospheric Sciences:

The Centre offers a Ph.D. Program in Earth, Ocean and Atmospheric Sciences, remote sensing, environmental sciences, water resources and closely related areas of other branches of science. PhD seats are advertised as per the requirement and availability with a faculty of the Centre.

The following two major focused themes are identified for multidisciplinary research.

Solid Earth:
Structure, dynamics and evolution of Indian continental lithosphere through time; Archean magmatism, continental growth and tectonics; Geophysical and geochemical exploration of mineral and hydrocarbon resources, development of modeling and inversion algorithms, hydrology, climate records, and natural hazards; Tectonics, Surface dynamics; High Resolution near Surface Geophysics/ hydrology/ tectonics and climate; Evolution of life, paleo climates and paleo environments, mass extinctions and biotic recovery.

Oceans and Atmosphere: Seamless dynamical climate prediction, and applications; past (Holocene) and future climate change simulations; tropical climate variability, air-sea-land interactions, and scale interaction; dynamical localized extreme event prediction; monitoring and modelling of the ocean circulation patterns and its effect on marine life; Physics and Dynamics of the Ocean and Atmosphere; aerosol and cloud physics, aerosol-cloud-radiation-climate interactions, urban air pollution and air quality, the impact of meteorology on renewable energy, middle atmospheric structure and dynamics; Data assimilation and applications of AI & ML techniques in Ocean and Atmospheric sciences.

Infrastructure:

The students would be utilizing the state-of-the art facilities available in CEOAS and other schools/centres of the University of Hyderabad. Students have also the possibility to utilize the research facilities in other research institutes in Hyderabad.

Field work
Students of Integrated MSc in Applied Geology will have to participate in 4 weeks geological and structural mapping Programs from 5th semester onwards. The enrolled students will abide costs towards any field work including travel, accommodation, food etc.

For M.Sc. (Ocean and Atmospheric Sciences), Visit to India Meteorological Department to familiarise with weather instrumentation and observations, weather warning and forecasting, Indian National Center for Ocean Information Services (INCOIS) Hyderabad to familiarise with information and advisory services to society, industry, the government and the scientific community through sustained ocean observations and constant improvements through systematic and focused research in information management and ocean modelling as a part M.Sc. academic curriculum.

Activities of the Centre

The activities of the Centre are integrated with the national and regional socio-economic development, with need-based interdisciplinary Programs, which benefit both the students and the society.

Projects
The Centre currently executes research projects in Solid Earth including origin of continents, rift initiation and evolution, lithospheric dynamics, resource exploration, crust-mantle evolution, water resources management, geophysical applications in crustal structure and environmental sciences, modelling and inversion techniques, ocean processes, ocean models and climate forecasts, paleoceanography and paleoclimate, Solid Earth dynamics. Several projects are funded by the IOE, SERB, DRDO, CEFIPRA, UPE, DST, UGC, MoES, PURSE grant, etc.

Outreach Programs
The Centre organizes outreach Programs in the management of water resources, Geosciences for sustainable development in the context of global environmental and climate change, environmental management and mitigation strategies. Geoscience education, popularization of Earth Sciences among school children and the general public are also a part of the outreach Programs.

Workshops/Training Programs
Apart from 2-year M.Sc. and 5-year Integrated M.Sc. Programs, the Centre organizes workshops/training Programs in Earth, Ocean and Atmospheric Sciences and highly focused short-term refresher courses on enabling cadres to update their knowledge and skills and improve their employment opportunities. Most importantly, the Programs are designed to enhance competence to develop new-cutting edge technologies.

Entrance Examination

Ph.D. in Earth, Ocean and Atmospheric Sciences
Admission to the Ph.D. Program is based on a qualifying written test (weightage = 70%), followed by interview (weightage = 30%). The written entrance examination consists of two sections, PART A and PART B. PART A contains 35 Multiple Choice Questions (MCQ), and PART B contains 35 MCQ. The questions will be covered from the following areas: Geology, Geophysics, Atmosphere and Ocean Sciences (M.Sc., level, PART B); and Research methodology, Quantitative methods, Data interpretation, Aptitude and logical reasoning (PART A). Selection of candidates for admission to PhD Program will be based on their academic qualification, written entrance examination and a personal interview.

M.Sc. in Ocean and Atmospheric Sciences
The Entrance examination consists of Multiple Choice Questions (MCQ) in sections PART A and PART B. PART A consists of 25 Multiple Choice Questions (MCQ) and PART B contains 50 MCQ. The questions cover the following areas: Physics, Chemistry, Mathematics and Statistics (B.Sc. level). Selection of candidates for admission to MSc Program will be based on their academic qualification, written entrance examinations.

Faculty

The Centre has accomplished faculty with several prestigious awards like, JSPS Fellowship, National Science Academy Fellowships, National Mineral Award, National Geoscience Award etc.

Professors

Prof. M. Jayananda - Solid earth geochemistry including radiogenic isotopes/ geochronology and early earth dynamics (Head of the Centre)
Prof. K. Ashok –Tropical climate variability and change with focus on monsoons and Indo-Pacific; Seamless prediction and applications; Earth system modeling for studying past through future climate changes; predicting urban extreme weather; linear theory of weather processes. (On Extraordinary Leave)
Prof. V. Chakravarthi – Exploration Geophysics, Algorithm development for processing and interpretation of geophysical data
Prof. P. Sreenivas – Air-Sea interactions, Numerical Weather Prediction, Climate Modelling, Indian Ocean Dynamics, Tropical Cyclones.

Assistant Professors

Dr. S. Sri Lakshmi – Exploration Geophysics, Seismics and Rock Physics Modeling, Geophysical Time series Analysis
Dr. Aliba Ao – Metamorphic Petrology and Geochemistry
Dr. Vijay P. Kanawade –Atmospheric and Climate Sciences with focus on aerosol microphysics, aerosol-cloud-radiation-climate interactions and urban air quality
Dr. Devleena Mani Tiwari – Biogeochemistry, paleoclimatology, resource exploration
Dr. G. Kishore Kumar -Atmospheric dynamics, meteorological impacts on renewable energy

SCHOOL OF CHEMISTRY

The School of Chemistry has established itself as one of the leading centres in the country for education and research in chemical sciences. It offers fundamental and advanced courses covering a wide gamut of topics in Chemistry and closely related areas, and comprehensive research training to nurture future scientists, teachers, and technical professionals in the field
The School has made notable impact at the national and international levels in chemical research. It receives support from funding agencies like the Department of Science and Technology (DST), Science and Engineering Research Board (SERB) and the Council for Scientific and Industrial Research (CSIR), New Delhi, international collaborative projects and industrial projects. The School has received support from University Grants Commission (UGC) and Department of Science and Technology (DST) for infrastructure and instruments.

A Networking Resource Centre established in the School through dedicated funding from the UGC, operates various outreach programs to promote chemical education and research at different levels -- undergraduate, postgraduate, doctoral and post-doctoral -- in colleges and Universities across the nation. Teachers and students visit the School for research projects, training programs and workshops. The only UGC-NRC in Chemistry in the country, it is currently in Phase II.

Prof. Ashwini Kumar Nangia is the **Dean** of the School**.**

Programs of Study

The School admits students to the **M.Sc.** and **Ph.D.** programs. The M.Sc. program lasting four semesters comprises two foundation courses, 3 courses each in Organic, Inorganic, Physical and Theoretical Chemistry, 2 laboratory courses each in Organic, Inorganic and Physical Chemistry and elective courses. The syllabus lays emphasis on current developments in chemical science. Some unique features of the program are special courses in Computer Applications, Symmetry and Mathematics, Materials Chemistry, Biological Chemistry and also project work and seminars by each student in Semester IV.

The School also participates in the **M. Sc. (5-year Integrated)** program run by the Centre for Integrated Studies (CIS). The first two years of the program are common to all science students; they get a thorough exposure to all branches of sciences. The students move to the School from the third year.

The **Ph.D.** program is entirely research-oriented in which a student undertakes research under the guidance of a faculty member of the School in an area chosen by the student and approved by the School. Areas where research is being undertaken presently are listed in the School website. Students admitted to the Ph.D. program carry out course work suited to their academic background and tailored to the demands of their research.

Entrance Examination

Students may refer to the University website on admissions requirements and qualifying conditions available at http://acad.uohyd.ac.in/ for the latest updates on admission to M.Sc. (Chemistry) and Ph.D. (Chemistry).

Syllabus for the courses offered by our School:
See the website: http://chemistry.uohyd.ac.in/
Recognition

The faculty of the School have won recognition in the form of prestigious awards and fellowships of various academic bodies at the national and international levels. Our master's students do well in national level competitive examinations and several of them go on to pursue a research career. Many of our alumni occupy important positions in the academia and industry in India as well as abroad.

Infrastructure
The School is equipped with a wide range of sophisticated analytical equipment in keeping with the interdisciplinary nature of the subject today. A list of the major equipment can be accessed from the website.

Additionally, the resources at CMSD, ACRHEM, CIL, and Centre for Nanotechnology of the University are also available to the research groups in the School.

Faculty

Senior Professors

T. P. Radhakrishnan, Ph.D. (Princeton) F.A.Sc., F.N.A.Sc., F.N.A. - Materials Chemistry

Ashwini K. Nangia, Ph.D. (Yale) F.A.Sc., F.N.A.Sc., F.N.A. – Supramolecular Chemistry, Crystal Engineering, Pharmaceutical Solids (**Dean of the School**)

Musti J. Swamy, Ph.D. (IISc, Bangalore) F.A.Sc., F.N.A.Sc. - Biophysical chemistry of membranes and proteins, glycobiology

Abani K. Bhuyan, Ph.D. (Univ. of Pennsylvania) - NMR Spectroscopy, Physics and Biology of Biological Molecules

Susanta Mahapatra, Ph.D. (IIT, Kanpur) F.A.Sc., F.N.A.Sc. - Theoretical Chemical Dynamics, Non-adiabatic Chemistry

Samudranil Pal, Ph.D. (Jadavpur) – Coordination and Organometallic Chemistry

Samar Kumar Das, Ph.D. (IIT, Kanpur) F.N.A., F.A.Sc., F.N.A.Sc. - Functional Inorganic Materials

K. Lalitha Guruprasad, Ph.D. (Osmania) - Protein structure and function: Experimental and Computational

Professors

D. B. Ramachary, Ph.D. (IISc, Bangalore) F.A.Sc., F.N.A.Sc., FRSC - Synthetic Organic Chemistry, Engineering Asymmetric Organocatalysis, Theoretical Aspects of Organocatalysis and Engineering Multi-Catalysis Cascade (MCC) reactions

Tushar Jana, Ph.D. (IACS, Jadavpur) F.N.A.Sc. - Polymer Chemistry and Materials Science

R. Nagarajan, Ph.D. (Madras) - Heterocyclic chemistry and natural products synthesis

Pradeepta Kumar Panda, Ph.D. (IISc, Bangalore) - Bioinorganic, Bioorganic & Supramolecular Chemistry of Porphyrinoids, Porphyrinoids based Materials for Solar Cell & Near Infrared Diagnostics, High Energy Materials

R. Chandrasekar, Ph.D. (Max-Planck), F.A.Sc., FRSC - Nano-Photonic Organic Materials and Devices, Single-Particle Microscopy/Spectroscopy

R. Balamurugan, Ph.D. (IIT, Kanpur) - Development of organic compounds for material applications, Synthetic organic chemistry - transition metal and Brønsted acid catalysis, synthetic methodologies and strategies

Akhila Kumar Sahoo, Ph.D. (NCL, Pune) F.A.Sc., F.N.A.Sc., FRSC – Organic Chemistry, Invention of New Synthetic Methods, C-H Activation, Ynamides, Energy Materials, Organometallics

K. Muralidharan, Ph.D. (IIT, Kanpur) – Nanomaterials, Polymers, Catalysis, High-energy Materials

Viswanathan Baskar, Ph.D. (IIT, Kanpur) – Molecular Clusters & Magnetism

M. Sathiyendiran, Ph. D. (IIT, Bombay) - Organometallic Chemistry

Perali Ramu Sridhar, Ph.D. (IISc, Bangalore) - Synthetic Organic Chemistry, Total Synthesis of Natural Products and Carbohydrate Therapeutics, Glyco-Biology, Synthesis of Peptide Based Drugs and Carbohydrate Vaccines

Associate Professors

Debashis Barik, Ph.D. (IACS, Jadavpur) - Nonequilibrium Statistical Mechanics, Stochastic Processes in Physical and Biological Systems
Srinivasarao Yaragorla, Ph.D. (IICT, Hyderabad) - Organic Chemistry, Allenes, Propargylic systems, C-H functionalization, Annulations, Cascade-Cycloaddition reactions.
S.G. Ramkumar, Ph.D. (IISC, Bangalore) – Polymer Chemistry, controlled polymerization methods, Biodegradable and Polymers from renewable resources.

Assistant Professors
Jovan Jose K V, Ph.D. (Pune) - Developing Methods for Theoretical Molecular Spectroscopy, Theoretical Organic Reaction Mechanisms, Ab Initio Crystal Structure Prediction, Theoretical Studies on Transition Metal Oxides and Sulphides, Folding Pathways Proteins and Computer Aided Drug Designing
Murali Banavoth, Ph.D. (IISc, Bangalore) - Solar Energy Materials and Solar Cells; Functional Materials for Nanoscience and Nanotechnology, Ultrafast Spectroscopy and Photophysics for Donor/Acceptor Interfaces in Solar Energy Materials
Manju Sharma, Ph.D. (IISc, Bangalore) - Computer simulations of soft condensed matter, Nucleation, Carbon capture, water purification
T. Saravanan, Ph.D. (IIT, Madras) - Bioorganic Chemistry, Photo-Biocatalysis, Enzyme Engineering and Chemoenzymatic Cascade Synthesis of Active Pharmaceutical Ingredients (API)

Retired and Re-employed Professor
Anunay Samanta, Ph.D. (Jadavpur) - F.A.Sc., F.N.A.Sc., F.N.A. - Excited state processes in molecules and materials
K. C. Kumara Swamy, Ph.D. (IISc, Bangalore) F.A.Sc., F.N.A.- Catalytic Organic Transformations, Organophosphorus Chemistry, Synthetic chemistry (Organic/ Inorganic)

Emeritus Professors
M. Durga Prasad, Ph.D. (Calcutta) F.A.Sc. – Quantum Chemistry, Many Body Theories and Computational Chemistry

INSA Senior Scientist

Kalidas Sen, Ph.D. (IIT, Kanpur), F.A.Sc., F.N.A. – Density Functional Theory, Confined Electronic Systems

IoE Research Chair Professor:
D. Basavaiah, Ph.D. (BHU) F.A.Sc., F.N.A. – Organic Chemistry: The Baylis Hillman Chemistry, Chiral Catalysis

University Distinguished Professor
Goverdhan Mehta, Ph.D. (Poona). F.R.S. – Synthetic Organic Chemistry

SCHOOL OF LIFE SCIENCES

The School of Life Sciences has been established with an emphasis on interdisciplinary teaching and research leading to M.Sc. and Ph.D. Degrees in modern biology, biotechnology, bioinformatics and systems biology.

The School consists of five Departments:

1) Department of Biochemistry
2) Department of Plant Sciences
3) Department of Animal Biology
4) Department of Biotechnology and Bioinformatics
5) Department of Systems and Computational Biology

The details related to the eligibility for admission and mode of selection of the candidates for various academic programs that includes the two-year M.Sc., M.Tech. and 5-Year Integrated Masters and doctoral programs offered in different disciplines, faculty, and their research specializations in the various departments can be seen as mentioned in their respective web pages maintained by the University of Hyderabad or as mentioned above. From the academic year 2022-2023, University of Hyderabad is following NEP 2020.

The **School of Life Sciences** is committed towards achieving academic excellence in teaching and research in basic and applied areas. It is one of the most vibrant schools with a lot of academic and educational activities all through the year. The new building of School of Life Sciences, occupied in March 2013, is designed for housing a total number of 65 research laboratories, classrooms, teaching laboratories, central instrumentation facilities, cell and microbial culture facilities, seminar halls and auditorium. Most of our faculty are well trained in some of the leading national and international laboratories before joining the University of Hyderabad and have won several national and international recognitions. A healthy competitive atmosphere among the academic programs and the faculty resulted in excellence in teaching and research. The faculty are engaged in research and consultancy activities in cutting edge areas of modern biology and biotechnology to answer some of the most challenging questions in biological systems and improve the well-being of humankind, with support from national and international funding agencies as well as biotech/pharmaceutical industries. Recently, 'Bio-incubator Nurturing Entrepreneurship for Scaling Technologies' (BioNEST) facility was established by the University of Hyderabad on the third floor of the School of Life Sciences with the support from BIRAC of Department of Biotechnology for providing incubation facilities for innovative ideas of faculty and scholars where many of the faculty from the School of Life Sciences are actively involved.

The **infrastructural facilities** of the School have been established with the plan funds of the University Grants Commission (UGC), Department of Biotechnology (DBT), Department of Science and Technology (DST), New-Delhi as well as extra-mural funding attracted by the faculty of the School of Life Sciences. The University Grants Commission upgraded Phase III of UGC-Special Assistance, DSA program (period 2002-2007) and sanctioned the status of Centre for Advanced Studies (UGC-SAP-CAS-I) in School of Life Sciences for a period of five years (2008-2013). Now most each of the Departments have recently completed the 5 year support by UGC-SAP-DRS 1. School also received grants from UGC under University Potential

for excellence (UPE Phase I and II) and from DST, New-Delhi under FIST (Funds for Improvement Science and Technology Infra Structure) program. University of Hyderabad, IoE also is supporting the School to strengthen the infrastructure.

The facilities include seven state of the art teaching laboratories and centralized high end facilities such as Proteomics-MALDI/MS-MS/TOF-Q, Robotic Crystallization System, LC-MS and GC-MS for Metabolomic Research; Surface Plasmon Resonance, Confocal/Fluorescence Microscope, Super Resolution Microscope, Real-time PCR machine, Microarray spotter/analyzer, Next generation sequencing system, Bioruptor, Electroporator, Luminometer, Nano-drop machine, HPLC, FPLC and AKTA PILOT, CD Spectrophotometer, Fluorescence spectrophotometer, Radioactivity facility, Chemidoc-imaging system, Flow cytometry, Microtome/Ultramicrotome (Tissue sectioning), in vivo imaging for whole cell and animal house, Green house facility and Bio-safety Level three facility (BSL3). In addition, the School has access for infrastructural facilities set up at Nanotechnology Center, Centralized Instrumentation Laboratory (CIL) and Center for Modelling, Simulation and Design (CMSD), located within the campus which carry facilities such as Transmission Electron Microscope (TEM), Atomic Force Microscope (AFM) and high end computational facilities. School obtained funding from DBT under BUILDER program to upgrade the Green House, Animal House, Computing and Imaging Facilities. The Program also has funded the acquisition of Sea Mini Analyzer and Single Cell DLS.

Several distinguished faculty and scientists have visited the School and lectured at the School of Life Sciences independently or in connection with a seminar/ conference and or under GIAN (Global Initiative on Academic Network) program that is supported by the Ministry of Human Resource and Development (MHRD). The School had lectures by eminent scholars including Prof Erwin Neher, Nobel laureate in Physiology in Medicine for the year 1991, from Max Planck Institute, Gottingen Germany; Professor Bruce Michael Alberts, the past President of US National Academy of Sciences and Editor in Chief of Science Journal, and Prof. Martin Chalfie, from Columbia University who shared the 2008 Nobel prize in Chemistry. The School conducted several conferences including International Conference on Reproductive Biology & Comparative Endocrinology, European Union Sponsored Nano3Bio Final Dissemination meeting; International Conference on Biotechnological Aspects of Chitosan and Chitooligosaccharides, 6th Indian Chitin and Chitosan Society Symposium, 8th International Conference on “Photosynthesis and Hydrogen Energy Research for Sustainability – 2017, International Conference on Biology of Yeast and Filamentous Fungi, Science Communication Workshop by The Wellcome Trust/DBT Alliance, “International Conference on Innovations in Pharma and Biopharma Industry: Challenges and Opportunities for Academy and Industry (ICIPBI-2017), Work Shop on Data Science, BioQuest (a conference organized by the students and faculty of the School of Life Sciences).

Many of our School faculty competed to obtain funding from the Ministry of Human Resource and Development under GIAN program and conducted the following courses and workshops on Protein Structure and Drug Discovery; Glycobiology: Role in Biology and Biomedical Relevance; Lipid Signaling in Health and Disease in Plants and Animals, Basics and Therapeutic Applications of Pluripotent Stem Cells Cancer Drug Discovery and Development; Immunologicals in Animal and Human Health; Transgenic Technology, Stem Cells and

Regenerative Medicine, Ion Channels and Human Diseases, Systems Biology for Drug Discovery and Personalized Medicine. The workshops and courses were taught by overseas experts coming from US, UK and Germany for a duration of 2-3 weeks to the benefit of our MSc students, research scholars and to people working in the Industry. The School is organizing several academic activities in the University as directed by the Ministry of Education in the International Year of Millets. Recently the School of Life Sciences has signed an MoU with Academia Sinica, Taiwan, for a sandwich Ph.D. program in the frontier areas of biology and with Cornell University for bilateral collaborations in research and development in Biology and Biotechnology. The School has also signed MoU with Asian Institute of Gastroenterology (AIG), Hyderabad National Institute of Animal Biology (NIAB), Hyderabad, KIMS Foundation and Research Center (KFRC), School of Life Sciences is also regularly hosting several PAC meetings of the DST-SERB and other research areas of mutual interests to promote collaborative research activities in drug discovery and regenerative medicine. Additionally, two International Conferences were organized at the School of Life Sciences.

1. *14th Annual TCS Conference and Workshops* jointly with AmPath (Clinical) and UoH (Research) was organized from 13th to 16th October 2022.

2. International Conference on Virus Evolution, Infection and Disease Control (ICVEIDC) was organized from 15-17 Dec 2022.

Prof. N. Siva Kumar, Department of Biochemistry is the **Dean of the School**.
School of Life Sciences (https://www.uohyd.ac.in/index.php/academics/2011-10-27-18-38-04/school-of-life-sciences) and also at (www.slsuoh.org)

DEPARTMENT OF BIOCHEMISTRY

Funded by DST-FIST and UGC-SAP-DRS-**1** programs the Department of Biochemistry is renowned for its teaching programs and cutting-edge research activities. The department offers Integrated BSc-MSc, M.Sc., PhD, and Integrated M.Sc.-PhD programs. The primary aim of these academic programs is to train students to ask important scientific questions as well as providing them with the wherewithal and knowledge for finding relevant solutions to these problems. We lay special emphasis on analytical and critical thinking, knowledge creation and discovery. Focused research programs in various fields of modern biology make the department a hub of basic fundamental research and an emerging epicenter for translation research. The research activities in the Department of Biochemistry revolve around the following broad areas: (i) Genome maintenance, organization and expression; (ii) Protein synthesis, homeostasis, structure-function correlation and engineering; (iii) Lipid metabolism,Organelle biogenesis and trafficking of macromolecules; (iv) Intra-cellular communication, cancer biology and stem cell development; (v) Infectious diseases and host-pathogen interactions; (vi) Bioinformatics and computational biology; (vii) Natural and engineered biological sensors, cellular dynamics and imaging.

The students of the department have been achieving high consistently at all the national level examinations. The success rate of our students in the CSIR-UGC examination is between 33-50% in the first year. Upon completion of their M.Sc. degree the students are pursuing PhD at premier research institutions across the globe. Ph.D. students of the Department get selected for

international fellowships to carryout part of their Ph.D. work in a foreign university and also earn prestigious Fellowships such as the PMRF.Similarly, the PhD students continue their academic pursuits in the leading research laboratories in the world as post-doctoral fellows. The quality of research output and creativity of our students is a testament to the world class training provided by the department.

Programs of study:

M.Sc. Biochemistry:

This is a four-semester program based on choice-based credits system. In addition to crediting several theoretical and laboratory-based core courses, a student needs to choose from a wide variety of foundation courses and elective courses. The students also undertake an in-house research project in the final year.

Integrated MSc-Ph.D. Biochemistry and Molecular Biology:

This is a 5-year program extendable up to a maximum of 8 years. During the initial 2 years, students will be involved in an extensive course work, which needs to be completed before continuation to the PhD stream. The course structure is similar but not identical to that of M. Sc. Biochemistry consisting of core courses, foundation courses and elective courses. Students who are unable to secure a minimum of 7.5 CGPA, but are able to pass the minimum prescribed course work, cannot continue for Ph.D., but are offered a path of exiting the course with a degree in M.Sc. Biochemistry and Molecular Biology. The students with an overall CGPA of 7.5 or higher during their 4 semesters of coursework and project may be promoted to PhD stream. They will carry out their work under the supervision of a faculty member and are advised by a doctoral committee. They are required to complete a program of PhD coursework in the first semester of Ph.D. They are also required to actively participate in journal club seminars, research work presentation etc. Publishing research articles in highly reputed journals is a requirement before submission of the thesis work.

5-year Integrated MSc in Biochemistry

From the academic year 2022-23, the Department has introduced a new 5-year program in BSc-MSc in Biochemistry. Students who have completed their 12th standard will be admitted to the University via the common entrance exam of Central Universities (CUET). The first two years of the program is multidisciplinary, where students will study subjects from all areas of natural sciences and courses in social science and humanities. The third year will focus on subjects of Life Sciencesand the students, if they choose to, can exit with a BSc in Biology after successfully completingthe 3 years of study. In the fourth year, students will study disciplinary courses in the area ofBiochemistry and carry out a research project under the supervision of a faculty. Students can either exit at the successful completion of the fourth year with a BSc in Biochemistry (Honours) or progress to the fifth year where they will have advanced elective courses in modern areas of Biochemistry and also an intensive research project. After successful completion of the 5th year, students will graduate with a Master's in Biochemistry. The specific requirements for all admissions, exits from, and lateral entries into the program will be as per norms and guidelines of the University of Hyderabad. **This document should be read in conjunction with the UoH admission procedures.**

Ph.D. Biochemistry:

This is a 5-year program extendable up to a maximum of 6 years according to UGC regulations. Students will carry out their work under the supervision of a faculty member and are advised by a doctoral committee. **During the first semester, students will be involved in coursework for 12 credits.** The students must also actively participate in journal club seminars, research work presentations, etc. Publishing research articles in highly reputed journals is a requirement before the submission of the thesis work.

Entrance Examination:

Admission to M.Sc. Biochemistry program: Candidates who have passed B.Sc. with a minimum of 60% marks in aggregate of science subjects with Chemistry or Biochemistry as one of the subjects are eligible to apply for the admission to M.Sc. Biochemistry. Admissions to the program will be via the CUET.

Admission to Integrated M.Sc. -PhD in Biochemistry and Molecular Biology program:

Candidates who have passed B.Sc. with a minimum of 60% marks in aggregate of science subjects with Chemistry or Biochemistry as one of the subjects are eligible to apply for the admission. Admissions to this program will be via the CUETfollowed by an interview by the Department of Biochemistry for shortlisted candidates.

Admission to Ph.D. Biochemistry:

Students with a Master's degree in Biochemistry or in a closely related area, M.Sc. or M. Tech. in Bioinformatics, with at least 55% marks, or an MBBS degree with a minimum of 55% marks are eligible to apply. PhD admissions have both an entrance exam followed by an interview.

The Department admits international students following University guidelines to all programs.

For more details on the exact mode of admission for all the programs, please see the admission pages/Prospectus of the University of Hyderabad.

Faculty

Senior Professor:

N. Siva Kumar,Ph.D. (CFTRI) FAS-AP - Glycobiology, Protein biochemistry, Cell and Molecular Biology, Structure function relationships of plant, animal lectins and glycosidases**. (Dean, School of Life Sciences)**

Professors:

Naresh Babu V Sepuri, Ph.D. (UoH) – Mitochondrial biology in health and disease with respect to Inter-organellar communication, retrograde signaling, haplogroup specific cybrid cell lines, mitophagy/autophagy, and aging using animal, cell culture and yeast model systems.**(Head of the Department)**

Krishnaveni Mishra, Ph.D. (CCMB) –Nuclear architecture in gene regulation, genome stability and inter-organellar communication. Protein SUMOylation as an anti-fungal target.

Mrinal Kanti Bhattacharyya, Ph.D. (TIFR) – Biochemical, cellular and molecular basis of parasitism of human malarial parasites: Genome stability and organization; genetic and epigenetic control of gene expression; telomere dynamics in gene silencing. Development of antimalarial drugs.

Sharmistha Banerjee, Ph.D. (CDFD) – Molecular pathogenesis and immunology of HIV, Mycobacterium tuberculosis (M.tb) and M.tb-HIV co-infection.

Gutti Ravi Kumar, Ph.D. - (IARI) - Stem Cell Biology, Developmental Biology, Signal transduction, Epigenetics, Gene Regulation, Apoptosis, Molecular and translational medicine.

Bramanandam Manavathi, Ph.D. (SKU) – Cancer Biology: Molecular basis of Tumor Heterogeneity and Metastasis.

Associate Professor:

Akash Gulyani, PhD (IISc, Bangalore) – Cellular dynamics and imaging, Biosensors, fluorescent probes for mitochondrial activity and cell state, Dynamics and remodeling of inner mitochondrial membrane (IMM), Linking respiration, metabolism and cell state to mitochondrial dynamics. Natural light sensing and processing, photoreceptors, Eye-brain Regeneration using model organisms (planaria).

Pakala Suresh Babu, Ph.D. (SKU, Anantapur)- Cancer Biology: Cancer Metabolism, Study the role of chromatin modifiers, coregulators, Oncogenes and Tumor suppressors in cancer metabolism and metastasis, Transcriptional control of metabolic adaptations in cancer metastasis, Understanding the Molecular Mechanisms involved in chemoresistance and drug resistance of cancers

Ajay W Tumaney, PhD (IISc Bangalore) Lipid metabolism, Understanding mechanism of polyunsaturation of fatty acids. Enhancing the quality and quantity of oils. Characterizing oil-based nutraceuticals. Developing nutraceuticals for lipid metabolism related disorders.

Assistant Professors

Seema Mishra, Ph.D (NII) Computational Biology and Systems Biology approaches to understand molecular mechanisms and target identification in communicable and non-communicable diseases, Computer-aided drug and vaccine design, Structure-function studies of key lncRNAs and proteins

Mohd. Akif, Ph.D. (CDFD) - Structural Biology, X-ray Crystallography, Host-pathogen interactions and structural vaccinology, Structure-guided design of immunogens

Santosh Kumar Padhi, Ph.D. (IIT-Madras), - Biocatalysis and protein engineering, Engineering enzymes for synthesis of pharmaceutical intermediates, and industrial applications

P. Anil Kumar, Ph.D. (NIN) - Importance of nuclear transcriptional factors (HIF1, ZEB2, and WT1) in kidney disease development. Role of the embryonically active events in adult kidney disease. Characterization of obese mouse models to determine the critical role of metabolism in kidney disease.

Shashi Kiran, Ph.D. (CDFD) - Protein ubiquitination and deubiquitination in cellular processes, HPV-induced cancers and metabolic diseases. CRISPR-based genome editing to generate cell and mouse models

Vijay Morampudi, Ph.D. (ULB) - Host-commensal-pathogen interactions, inflammatory bowel diseases, cell-signaling and mucosal immunology

Superannuated Faculty

K.V.A.Ramaiah,Ph.D. (JNU). FNASc, FAS-AP - Gene expression, protein synthesis regulation in eukaryotes, protein phosphorylation, protein and cellular homeostasis

DEPARTMENT OF PLANT SCIENCES

The Department of Plant Sciences established in 1993 has earned reputation in the country for imparting high-quality teaching and research leading to the development of qualified professionals in the areas of Plant Sciences and Microbiology. The vision of the Department is discovering and exploiting plant and microbiological resources for the betterment of the environment and human welfare through systematic and focused research and teaching in frontier areas of plant and microbiological sciences. The foundations for the rapid growth of the Department have been laid with its philosophy to provide comprehensive training to equip graduate and doctoral students in modern-day, cutting-edge tools and techniques in Plant Sciences and Microbiology to enable them to make the best career-oriented choices in both advanced teaching and high-quality research. The Department has received grant-in-aid from major funding bodies, which include UGC-SAP (DRS-1, Phase 1) and DST-Funds for Infrastructure in Science and Technology (FIST) Level-1 and Level II (Phase 1 & 2). The Department has set up state-of-the-art laboratories for M.Sc. teaching and Ph.D. programs with financial support from DBT, UGC, and DST to strengthen teaching and research activities.

The Department offers two programs at the Masters level *i.e.*, Plant Biology and Biotechnology, and Microbiology & Immunology, and two programs at the Ph.D. level *i.e.*, Ph.D. Plant Sciences and Ph.D. Microbiology. The students have been achieving high success consistently in all the national level examinations. The success rate of our students in the CSIRUGC examination is between 30-50% in the first year of their master's degree itself. Upon completion of their M.Sc. degree the students are pursuing Ph.D. at premier research institutions across the globe. Ph.D. students of the Department get selected for international fellowships to carry out part of their Ph.D. work in a foreign universities and also earn prestigious Fellowships such as the PMRF.

The research activities of the Department are presently supported by several national and international funding agencies like DBT, SERB, SERB-Power, UGC-JSF, CSIR, UoH-IoE MHRD, ICFRE, Dehradun under CAMPA etc. either as individual research grants or collaborative research projects. The individual research laboratories are well equipped, apart from the availability of major equipment in the Department's central facilities, sister Departments in the School, common facilities of the School, and at the Central Instrumentation Lab of the University. The Department has the distinction of establishing the state-of-art facility ''Repository of Tomato Genomics Resources,' which is a DBT Center of Excellence in "Genome Engineering of Tomato." The faculty members are highly competent and have made significant contributions in their subject areas. The Faculty members from the Department of Plant Sciences have a track record of consciously publishing in reputed peer-reviewed journals.

Programs of Study

M.Sc. Plant Biology and Biotechnology

The program comprises a four-semester study that is evaluated based on the credit system. A total of 17 core courses, 3 elective courses, 3 practical courses, one seminar and a research project (dissertation) are mandatory for successful completion of the program of study. In addition to these courses, the students are required to choose and successfully complete two foundation courses (6 credits) offered by various Departments/Schools under the University's choice-based credit system.

M.Sc. Microbiology and Immunology

The Master's program ensues the subjects covering all aspects of advanced Microbiology & Immunology which is offered in a four-semester program, and the study is evaluated based on a credit system. A total of 18 core courses, 2 elective courses, 3 practical courses, one seminar and a research project (dissertation under a faculty of the School of Life Sciences in an area of Microbiology & Immunology) are offered. In addition to these courses, the students need to choose two foundation courses (6 credits) offered by various Departments/Schools under the University's choice-based credit system. The students who have met the requirement of completing the courses mentioned above are awarded the degree in the program.

Ph.D. Plant Sciences

The Ph.D. program requires a minimum of three years pursuance from the date of admission. The Ph.D. students are involved in a course work comprising 12 credits. The students should qualify for the Ph.D. coursework as per UGC regulations. For those who want to apply for the PMRF fellowship an additional 4 individual courses should be completed with an 8.5 CGPA.

The requirement for the award of Ph.D. includes the presentation of research work in the Plant Sciences Colloquium after 2-3 years and the submission of a thesis on an approved topic of research under the guidance of a faculty member. The scholar's research progress will be assessed periodically by the doctoral committee members comprising three faculty members, including the supervisor of the student as the chairperson of the committee. The scholar presents the research work in a comprehensive/open seminar before submitting the thesis and faces an oral examination in defence of the thesis. The candidate has to publish paper (s) in reputed national/international journal(s) and the research work (oral/poster) has to be presented in at least two national/international conferences for the award of a Ph.D. degree as per UGC regulations.

Entrance Examination

M.Sc. Plant Biology and Biotechnology: Candidates who have passed B.Sc. with a minimum of 60% marks in aggregate of science subjects with Botany/Biochemistry/Chemistry, Microbiology, and Genetics subjects are eligible to apply for admission to M.Sc. **Plant Biology and Biotechnology**. Admissions to the program will be *via* the CUET (The Common University Entrance Test). The Department also admits international students following University guidelines.

M.Sc. Microbiology and Immunology: Candidates who have passed B.Sc. with a minimum of 60% marks in aggregate of science subjects with Microbiology/Botany/ Biochemistry/ Chemistry, and Genetics subjects are eligible to apply for admission to M.Sc. **Microbiology and Immunology**. Admissions to the program will be *via* the CUET (The Common University Entrance Test). The Department also admits international students following University guidelines.

Ph.D. Plant Sciences admissions will be done through a common entrance examination conducted by National Testing Agency (NTA) and separate interviews will be held by the Department for selecting the candidates to these programs. The subject-specific questions will be broadly from the areas of Plant Biology, Microbiology, Cell Biology, Molecular Biology, Genetics, Physiology and Biochemistry. The short-listed candidates based on the entrance merit will be called for the interviews which will be conducted separately for admission to Ph.D. Plant Sciences.

Candidates having Junior Research Fellowship (JRF) through qualification in national-level written examinations have a choice to directly appear for the interview. However, they have to apply to the University with their JRF Certificate. **NET (LS) is not eligible to apply directly, and they have to appear entrance examination conducted by the University .**

Infrastructural Facilities

The faculty and students of the Department have access to a range of sophisticated equipment supporting diverse research topics. These include Confocal Microscope, CD-Spectroscopy, Ultracentrifuges, High-Speed Centrifuges, Infra-Red Gas Analyzer, Atomic Absorption Spectrophotometer, HP-TLC, HPLC, Lyophilizer, RT-PCR machine, UV-VIS-NIR Spectrophotometer, Liquid Scintillation Counter, Laser Scanner, Gel Documentation System, Transilluminators, Inverted Microscope, Electroporator, Internet, Greenhouse, and Plant Culture facility, Fluorescence Microscope, Imaging System/Microarray Reader, etc. Further, the facilities developed under UoH-DBT Centre for Teaching and Research in Biology and Biotechnology are also accessible.

School of Life Sciences facilities includes LC-MS, Preparative LC-MS, GC-MS, MALDI, Super-Resolution Microscopy, etc. University's Central facilities include Confocal Microscope, Scanning Electron Microscope, TEM, Peptide Sequencer, etc. In addition, the individual faculty members have their own well equipped laboratories, computers and access to the internet.

Faculty

Senior Professors

Appa Rao Podile, Ph.D. (Sardar Patel University) FNA, FASc, FNASc, FNAAS, FAMI, FASTS, FPSI --- Formerly Tata Innovation Fellow (DBT), Currently J.C. Bose Fellow (DST), Adjunct Chair Professor of Biotechnology at Asia University, Taiwan, Adjunct Professor in

Science, Charotar University of Science & Technology (CHARUSAT) --- Molecular PlantMicrobe Interactions, Plant Microbiome.
Ch. Venkata Ramana, Ph.D. (Osmania University), FNASc, DBT Tata Innovation Fellow --- Bacterial Discovery, Bacterial Physiology & Biochemistry, Metabolomics.

Professors
G. Padmaja, Ph.D. (Osmania University), FAS-TS --- Plant Genetics, Plant Tissue Culture, Plant Biotechnology.
Subramanyam Rajagopal, Ph.D. (Sri Venkateswara University), FNA, FNASc, FAS-TS, --- Structural Biology, Protein Biochemistry and Omics Research --**(Head of the Department).**
Sarada D. Tetali, Ph.D. (University of Hyderabad) --- Pharmacognosy, Medicinal Plant Metabolomics and Secondary Metabolism.
Ragiba Makandar**,** Ph.D. (IARI, Delhi) --- Plant Molecular Genetics, Plant-Microbe Interactions, Genetic Engineering & Functional Genomics.
Sreenivasulu Yelam, Ph.D. (Vikram University) --- Plant Reproductive Biology, Molecular Aspects of Gametophyte Development.
Santosh R. Kanade, Ph.D. (CSIR-CFTRI Mysore; University of Mysore) --- Epigenetics & Cell Signalling.
Sreelakshmi Y, Ph.D. (University of Hyderabad) --- Tomato Functional Genomics, Proteomics, Plant Development.

Associate Professors
Gopinath Kodetham, Ph.D. (Sri Venkateswara University) --- Molecular Plant Virology, Construction of PTGS Vectors & Cell Biology.
Irfan Ahmad Ghazi, Ph.D. (Jamia Hamdard University) --- Rice Functional Genomics and Biological Properties of Rice Bran.
S. Siddharthan,Ph.D. (The Hong Kong University, Hong Kong) --- Molecular Phylogenetics and Evolution.

Assistant Professors
Rahul Kumar**,** Ph.D. (Delhi University) --- Functional Genomics, Hormone Signalling, Plant Biotechnology.
Jogi Madhuprakash**,** Ph.D. (University of Hyderabad) --- Biomass Degrading Microbes, Carbohydrate Active enzymes (CAZymes), Protein Engineering and Proteomics, Applied Enzymology.
M. Muthamilarasan**,** Ph.D. (NIPGR, New Delhi; JNU) --- Plant Molecular Genetics and Genomics, Genome Informatics.

IoE Research Chair Professor
A.S. Raghavendra**,** Ph.D. (Sri Venkateswara University), FTWAS, FNA, FASc, FNASc, FNAAS --- Plant Biochemistry and Plant Molecular Physiology: Photosynthesis, Signal Transduction, Medicinal Plant Metabolomics.

Professors (Honorary)
R.P. Sharma**,** Ph.D. (JNU, New Delhi) --- Plant Developmental Biology, Tomato Functional Genomics

M. N. V. Prasad**,** Ph.D. (Lucknow University) --- Environmental Sciences, Phytotechnologies, Attipalli R. Reddy**,** Ph.D. (Sri Venkateshwara University) --- Photosynthesis, Carbon Sequestration in higher plants.

Adjunct Professor
Manoj Prasad, Ph.D. (University of Calcutta), FNA, FNASc, FAAS --- Senior Scientist & JC Bose National Fellow, National Institute of Plant Genome Research (NIPGR), New Delhi - Molecular Genetics and Genomics of Tomato and Foxtail Millet.

DEPARTMENT OF ANIMAL BIOLOGY

The Department of Animal Biology, formerly known as the Department of Animal Sciences, was established in 1993, under the umbrella of the School of Life Sciences. The primary focus of the Department of Animal Biology is to impart knowledge in biomedical sciences at the highest level of excellence and to advance the frontiers of biology through innovative research programs. Since the inception, the Department has been rich in traditional biological sciences and at the same time continues to recognize the new developments in biological research. The Department had and continues to have an esteemed faculty with diverse cutting-edge research programs: Developmental Biology, Immunobiology, Reproductive Endocrinology, Neurobiology, Chronobiology, Cancer Biology, Infection Biology, Microbiology, Genetics, Epigenetics, Chromatin dynamics and Systems Biology of the Cell. The broad base of faculty expertise combined with the state-of-the-art laboratories creates an environment that fosters innovation and advancement in science and technology.

The programs of study:

MSc Animal Biology and Biotechnology

The curriculum of the course has a mix of basic and modern aspects of Biology and Biotechnology. The four-semester program is comprised of core courses in the first two semesters followed by elective courses during the third and fourth semesters. The core courses offer an in-depth knowledge in Evolutionary Biology, Biochemistry, Microbiology, Cell Biology, Molecular Biology, Mammalian Physiology, Developmental Biology, Enzymology and Intermediary Metabolism, Genetics, Epigenetics, Endocrinology and Reproductive Biology, Immunology, Stem Cell Biology and Transgenic Technology. The elective courses offered during third and fourth semesters include, Vaccinology, Infection Biology, Oxidative Stress and Antioxidants in Health and Disease, Aquaculture: Nutraceutical & Pharmaceutical Applications, Neurobiology, Cancer and Cancer Stem Cell Biology, Chronobiology, Signal Transduction, Gene Regulatory Networks, and Heterologous Gene Expression and Downstream Processing. The students are required to take a total of four elective courses with the freedom to opt for electives offered by the other departments. The Department of Animal Biology provides comprehensive practical courses that provides hands-on-experience in Molecular Biology, Microbial and Mammalian culture, protein purification and immunological techniques. During third and fourth semesters, the students pursue problem-oriented research work in individual faculty laboratories allotted to them at the end of 2nd Semester as part of early hand holding and providing them an opportunity to develop experimental skills. Thus, the MSc program provides

the students not only broad range of areas of research, but also provides an opportunity to develop mastery skills on the frontiers of biological sciences.

Integrated M.Sc. and Ph.D. in Animal Biology and Biotechnology

The Department of Animal Biology offers students the opportunity to earn, in a continuous plan of study, both the M.Sc. and the Ph.D. through its accelerated programs. Following successful completion of the Master's program, the combined degree program enables qualified students join Ph.D program. This combined degree program allows students to initiate the research project towards their Ph.D. thesis while studying as a master's student thus reducing the full-time study needed for the Ph.D. degree. The academic program leading to the Ph.D. degree involves completion of specified course work, which provides exposure to broad range of research areas and techniques of traditional as well as modern biology and completion of a research project. The thesis shall be the report of original research work carried out during the tenure of the program.

The maximum duration of the program is 8 years (2 years M.Sc and 6 years Ph.D.) if a student continues to Ph.D. being eligible otherwise. During the initial 2 years, students will be involved in an extensive course work, which needs to be completed before continuation to the PhD stream. The course structure is same as that of M.Sc. Animal Biology and Biotechnology consisting of core courses, foundation courses and elective courses. Students who obtain <7.5 CGPA, but passed the minimum prescribed course work, should exit the course with a degree in M.Sc. Animal Biology and Biotechnology. The students with an overall CGPA 7.5 or higher obtained during their 4 semesters of the coursework and project may be promoted to PhD stream to carry out their work under the supervision of a faculty member and are advised by a doctoral committee. They must go through a PhD coursework like other regular PhD students. They also need to actively participate in journal club seminars, research work presentation etc.

5-year Integrated MSc in Animal Biology and Biotechnology

From the academic year 2022-23, the Department has introduced a new 5-year program in BSc-MSc in Animal Biology & Biotechnology. Students who have completed their 12^{th} standard, will be admitted to the University via the common entrance exam of Central Universities (CUET). The first two years of the program is multidisciplinary where students will study subjects from all areas of natural sciences, social science, and humanities. The third year will focus on subjects of Life Sciences and the students, if they choose to, can exit with a BSc in Biology after successfully completing the 3 years of study. In the fourth-year, students will study disciplinary courses in Animal Biology and Biotechnology and carry out a research project under the supervision of a faculty. Students can either exit at the successful completion of fourth year with a BSc in Animal Biology and Biotechnology (Honours) or progress to the fifth year where they will have advanced elective courses in modern areas of Animal Biology and Biotechnology and an intensive research project. After successful completion of the 5th year, students will graduate with a Master's in Animal Biology and Biotechnology. The specific requirements for all admissions, exits from and lateral entries into the program will be as per norms and guidelines of the University of Hyderabad. **This document should be read in conjunction with the UoH admission procedures.**

Ph.D. in Animal Biology:

This is a 5-year program extendable up to a maximum of 6 years according to UGC regulations. The faculty members of the Department of Animal Biology play the active role of mentor by ensuring innovative research and training of Ph.D. students. Students are selected into the PhD program. Admitted students are offered their choice of mentor to pursue their research interest. **During the first semester, students will be involved in coursework for 12 credits.** The students must also actively participate in journal club seminars, research work presentations, etc. Publishing research articles in highly reputed journals is a requirement before the submission of the thesis work

Admission process

Admission to M. Sc. Animal Biology and Biotechnology
Any graduate in Natural and allied Sciences/B.Tech (Biotechnology) with minimum 60% cumulative marks in science subjects are eligible to apply for the admission to M.Sc Animal Biology and Biotechnology. Admissions to the program will be through the CUET (Common University Entrance Test)

Admission to Integrated M.Sc. and Ph.D. in Animal Biology and Biotechnology
Any graduate in Natural and allied Sciences/B.Tech (Biotechnology) with minimum 60% cumulative marks in science subjects are eligible to apply for the admission to M.Sc Animal Biology and Biotechnology. Admissions to the program will be through the CUET (Common University Entrance Test) followed by an interview by the Department of Animal Biology for shortlisted candidates.

Admission to Ph.D. Animal Biology:
Candidates with at least 55% marks in Master's degree in Animal Biology or in any area of Life Sciences/M.Tech in Bioinformatics or Biotechnology, M.Pharm, or M.V.Sc are eligible to apply. PhD admission have both an etrance exam followed by an interview. Candidates qualified for JRF from CSIR-UGC/ICMR/DBT will be exempted from the written test and allowed to appear for the interview. The entrance examination post-baccalaureate standard with emphasis in Animal Biology, Cell Biology, Molecular Biology, Microbiology, Genetics, Cancer biology, Immunology, Biochemistry, Physiology, Infection Biology, Neurobiology, Endocrinology, Reproductive Physiology, Developmental biology, epigenetics and Stem Cell Technology.

The Department admits international students following University guidelines to all programs.

For more details on the exact mode of admission for all the programs, please see the admission pages/Prospectus of the University of Hyderabad.

FACULTY:
Senior Professor(s)

1. **Balasubramanian Senthilkumaran**, M. Phil, Ph.D. (BHU), FNA, FASc, FNASc, FAP-AS – Molecular Endocrinology, Developmental Biology, Reproductive Biology of fish, Molecular mechanisms of Sex Differentiation, Fish Neuroendocrinology, Endocrine Disruptors.

Professors:

1. **Jagan M. R. Pongubala**, Ph.D. (University of Mumbai) – Systems Immunology, Stem cell biology, Gene expression and regulation.
2. **Anita Jagota**, Ph.D. (JNU), FTAS, FIAN – Neurobiology, Aging, Neurodegeneration and Brain-aging, Molecular Chronobiology.
3. **Sreenivasulu Kurukuti**, Ph.D. (BHU)– Signaling and epigenetic control of gene expression during animal development & disease. **(Head of the Department)**
4. **Kota Arun Kumar**, Ph.D. (UoH) – Genetic engineering of malaria parasite, Plasmodium interactions in mosquito and hepatocytes.
5. **Suresh Yenugu**, Ph.D. (OU) – Reproductive immunology and toxicology, transgenic technology.

Associate Professors:

1. **Nooruddin Khan,** Ph.D. (Manipal University)- Immunobiology of infectious and metabolic diseases, Vaccine and adjuvant development.
2. **Radheshyam Maurya**, Ph.D. (BHU) – Mechanism of Infection and Immunity in visceral leishmaniasis, Drug discovery and identification of new diagnostic markers.

Assistant Professors:

1. **Arunasree M.K**, Ph.D. (UoH) - Epigenetics of development, differentiation and pathogenesis
2. **Bindu Madhava Reddy Aramati**, Ph.D. (UoH) - Cell signaling, gene regulation related to diabetes and cancer.
3. **Parul Mishra**, Ph.D. (CDRI-JNU) – Ubiquitin mediated protein degradation, Protein Engineering, Chaperone networks in neurological diseases and cancer.
4. **Raja Ram Mohan Roy**, Ph.D. (UoH) – Cellular homeostasis, Inflammation and Tumorigenesis.
5. **Prasad Tammineni**, Ph.D. (UoH) – Molecular neurosciences, lysosomes, mitochondria, Autophagy and Alzheimers Disease.

Emeritus Professor:

1. **Pallu Reddanna**, Ph.D. (SVU) – Eicosanoids, Inflammation and Cancer.

Honorary Professor:

1. **B.J. Rao, (**Ph.D.)- Genome dynamics and cellular adaptations (**Vice Chancellor, UoH**)

DEPARTMENT OF BIOTECHNOLOGY AND BIOINFORMATICS

The Department offers application oriented, sought-after and cutting-edge courses in frontier areas of Biotechnology and Bioinformatics. Innovation based training is imparted to the students with a special emphasis on basic concepts of biological processes in order to pursue research in frontier areas of modern biology. A total of 12 independent research groups are active at the department studying molecular and cellular processes involved in cyanobacteria, yeast, higher plants, and human health and disease with an emphasis on discovery of interventional molecules and identification of targets with respect to malarial and leishmanial parasites, lepidopteran pest control, bacterial and viral infections, Brain tumors and neurodegenerative diseases. Functional genomics, cellular biology, microbiology, protein biochemistry and structure-function studies,

Drug Discovery, bioinformatics and computational biology constitute major skill domains of our research groups. In addition, the Department has an exclusive expertise in generation and analysis of high throughput genome sequence data of bacterial species and harnessing them towards discovery of new gene functions and pathways. Faculty have filed/granted several patents. Teaching and research programs of the department are supported by special grants from the DBT, DST, CSIR, ICMR and UGC towards M.Sc., M.Tech., Ph.D. and Int-M.Sc. /Ph.D. courses. The faculty members at the Department are supported with several extramural grants and are recognised by national and international agencies and also from industry. The Department actively participates in several student exchange and research training programs with international organizations such as German Research Foundation (DFG), European Commission, DAAD and Academia Sinica etc.

Infrastructural Facilities

The Department is supported by the grant-in-aid received from major funding bodies which include UGC-SAP (DRS-1) and DST-Funds for Infrastructure in Science and Technology (FIST) Level-I. The Department has advance research facilities such as animal and plant cell culture, microbial culture, HIV culture, neuronal and neuroglial culture and stem cell culture, etc. Further, it has several essential instruments such as high-speed centrifuges, spectrophotometers, circular dichroism spectrophotometer, phosphorimager, PCR machines, FPLC, 2-D Electrophoresis, shakers, incubators, multimode plate reader, bioreactor, fluorescence microscope, real time PCR and flow cytometer, etc. The students can benefit from the state of art high resolution confocal microscopy facility, and the genomics, proteomics, metabolomics, and crystallization facilities available in the school. The Bioinformatics infrastructure facility and the departmental library facility funded by the Department of Biotechnology; Government of India is a well-equipped facility that is used by the students. In addition, students also have access to high performance computing facility at Centre for Modelling, Simulation and Design for their project works.

Programs of Study

M.Sc. Biotechnology: This flagship course was introduced in the year 1990 under the nationwide post graduate program by the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India. The program comprises of four-semesters with credit system of evaluation and latest curriculum recommended by DBT. Students can choose elective courses offered at Department/School level and the Foundation courses offered at the University level. In addition to rigorous academic training, students interact with Biotech industries to avail opportunities for learning translational aspects of product development and commercialization. After successful completion of 2 semesters of coursework, students shall be assigned to the available project supervisors based on the criteria in practice or as decided by the admission committee/Department/School (please refer the admission criteria in 'Entrance Examination' section).

M. Tech. Bioinformatics: M.Tech. Bioinformatics is a state-of-art course approved by AICTE. The course is designed to train students in theory and computational techniques including hands-on practice using state of-the-art servers and computer labs equipped with different software packages. The program is truly interdisciplinary and is offered with the help of different

collaborating entities/scientists and computer experts within and outside the University. Each year, some of the students obtain attractive placement opportunities from reputed software and bioinformatics companies. The courses spread over first two semesters include computer programming, proteomics, basic mathematics and statistics, molecular modelling, genomics, bioinformatics, molecular dynamics, drug design, machine learning and data analytics, mathematical modelling of biological systems and metagenomics etc. Students are encouraged to choose one elective course each in the first and second semesters either within the department or from the other Schools of the University. The students will carry out a full-time project work during their 3rd & 4th semesters under the guidance of a faculty member, either at the Department or elsewhere in a collaborative mode. After successful completion of 2 semesters of coursework, the students shall be assigned to the available project supervisors, based on the criteria in practice or as decided by the admission committee/Department/School.

Integrated MSc-PhD Biotechnology: This is a 5-year program extendable up to a maximum of 8 years. During the initial 2 years, students will be involved in an extensive course work, which needs to be completed before continuation to the PhD stream. The course structure is similar to that of M.Sc. Biotechnology consisting of core courses, foundation courses and elective courses. At the end of 2nd semester, students shall be assigned to the available research supervisors based on the criteria in practice or as decided/suggested by the admission committee/ Department/School. After completion of fourth semester, students have the choice to exit with a M.Sc. Degree or continue for their Ph.D. program. Students are expected to exercise this option by the end of February during their fourth semester. Students who could not secure at least 7.5 CGPA, and could not secure at least B grade in each course, should exit the program compulsorily with a degree in M.Sc. Biotechnology. The students with an overall CGPA 7.5 or above obtained during their 4 semesters of the coursework and project will be allowed to continue to their PhD stream. They are also advised by a doctoral committee as described for regular PhD Biotechnology students. They also need to complete PhD course work in the first year of their PhD tenure as per UGC regulations and actively participate in journal club seminars, research work presentation etc. UGC regulations for awarding PhD will be followed after promoting the student from M. Sc to PhD program. (Relaxation for women candidates are as indicated in the UGC guidelines).

Entrance Examination

Ph.D. Biotechnology: The duration of the Ph. D. program is as per the UGC Regulations, 2016. Including essential Ph.D. course work component to assess for interdisciplinary skills and impart training in research methodology and ethics etc. Soon after admissions, the students are expected to begin their work under the supervision of a faculty member and are advised by the doctoral committee from time to time. They have to actively participate in Journal club seminars and research work presentation at the end of the semester. As per UGC guidelines PhD student have to publish at least one paper in a peer-reviewed journal and present their work in two conferences. The research students have to present their work in a comprehensive seminar before submission of their thesis. The students shall be assigned to the available research supervisors at the time of selection based on the criteria in practice or as decided by the admission committee/Department/ School.

Mode of selection:

M. Sc. Biotechnology:
Selection for admission into this PG program is based on a National-level common entrance examination in biotechnology, i.e., through Graduate Aptitude Test - Biotechnology (GAT-B) examination, conducted by RCB Faridabad, New Delhi. After announcement of GAT-B results, candidates should submit application for admission into this course based on the qualified score obtained in GAT-B examination. The number of seats available is 30.

M.Tech Bioinformatics: Admission for 25 seats in this program will be done through CCMT**.** Interested students with a valid GATE score card can apply for the course through Centralized Counselling for M.Tech. (CCMT - **https://ccmt.nic.in/**). The qualifying degree for this program includes B.Tech./B.E./M.Sc. in Bioinformatics, Biochemistry, Biotechnology, Applied Microbiology, Biology, Biomedical Genetics, Bio-Sciences, Life Science, Life Sciences (Botany), Life Sciences (Zoology), Microbiology, Agricultural Science, Biochemical Engineering, Biomedical Engineering, Biotech Engineering, Bioengineering, Biological Sciences and Bioengineering, Biomedical Instrumentation, Biosciences, Bioengineering, Biochemical Engineering and B.Pharma. GATE qualification with the subjects, Biotechnology-BT, Chemistry-CY, Chemical Engineering-CH, Biomedical engineering - BM, Life sciences – XL, and Ecology and Evolution - EY will only be considered for admission. Admission will be based on their GATE score. The admitted students will be eligible for GATE-fellowship according to AICTE rules and norms.

Integrated M.Sc./Ph.D. Biotechnology: Admission is based on an entrance examination (70 Marks) followed by interview (30 Marks). The question paper will carry 70 multiple choice type questions. Question paper consist part A and B each carrying 35 questions. Part A is to test knowledge pertaining to Mathematics, Physics, Chemistry, General Biology and quantitative aptitude. Whereas Part B is to test subject knowledge in various areas of modern Biology at Bachelor degree level standards. The candidates will be called for an interview in their order of merit based on the entrance examination.

Ph.D. Biotechnology: Admission to PhD Biotechnology is through entrance examination conducted by the University. The candidates will be called for an interview in their order of merit based on the entrance examination. JRF qualified candidates who passed the NET-JRF examination (under Junior Research Fellowship category only) conducted by the CSIR/UGC/DBT/ICMR will be directly called for interview. For JRF candidates will be given thirty five (35) marks in lieu of written test. The PhD seats falling vacant in July session, if any, will be filled in January 2023 Session.

Faculty

Senior Professors
Anand K. Kondapi, PhD (Andhra University): Molecular therapeutics, functional characterization of DNA topoisomerases in metastasis, HIV and SARS Cov-2infection, neurodegeneration and brain aging.

P. Prakash Babu, PhD (University of Hyderabad): Neuroscience: Neurodegeneration in cerebral ischemia (stroke), cerebral malaria, epilepsy and mechanism of brain tumors progression. Screening natural and synthetic compounds for their anti-malarial and anti-cancer (*in vitro* and *in vivo*) activities.

Professors

Niyaz Ahmed, PhD (Manipal University): Pathogen biology, molecular epidemiology, biology of chronic infections, host-pathogen interaction dynamics, genome informatics of antimicrobial resistance.

K. P. M. S. V. Padmasree, PhD (University of Hyderabad): (i) Biotechnological applications of proteinase inhibitors (agricultural and human therapeutics); (ii) Understanding the molecular mechanisms for resistance in pests against biopesticides; (iii) Role of Alternative Oxidase (AOX) pathway in stress tolerance.

J. S. S. Prakash, PhD (JamiaHamdard): Functional genomics and cyanobacterial gene regulatory networks(**Head of the Department**).

Associate Professors

Musturi Venkataramana, PhD (Sri Venkateswara University): Molecular studies on viruses causing Dengue and Chikungunya

Vaibha Vindal, PhD (Manipal University): Gene regulatory networks, Cancer genomics, analysis of protein sequence/structure/function.

N. Prakash Prabhu, PhD (University of Hyderabad): Protein structure, folding and dynamics, by spectroscopic and molecular dynamic simulation studies. Protein stability at sub-zero temperature. Misfolding and fibril formation.

Sunanda Bhattacharya, PhD (Bose Institute, Kolkata): Role of chaperones in genome stability and chromatin remodelling, Understanding the function of various topoisomerases during replication of *Plasmodium falciparum*.

Assistant Professors

Insaf A. Qureshi, PhD (JamiaHamdard): Molecular biology and protein crystallography.

Gajula B. Madhubabu, PhD (Max-Planck Institute for Biophysical Chemistry, Goettingen, Germany): Behavioural neuroscience and neurodegenerative diseases

Pankaj Singh, PhD (University of Hyderabad): Theoretical and Data Biology, Application of Machine learning techniques in biology, Knowledge discovery in Neuronal aging/senescence and neurodegenerative diseases.

DEPARTMENT OF SYSTEMS AND COMPUTATIONAL BIOLOGY

The Department of Systems and Computational Biology (DoSCB) (erstwhile Virtual Centre for Systems Biology) is the fifth department in the School of Life Sciences. It was established as per statute 17(5) (a) & (b) of the University of Hyderabad based on a resolution passed by its Executive Council on 30th September 2018.

Currently, the department has five regular faculty members (one Professor, three Assistant Professors and one UGC-FRP Assistant Professor), and two adjunct Professors actively involved in research projects in some of the forefront areas of modern biology. They have been the recipients of research grants from national agencies such as CSIR, DST, DBT etc., and are also part of collaborative research projects. The department's faculty members have published research articles in prestigious peer-reviewed journals such as Proceedings of National Academy of Sciences (USA), Journal of Proteome Research, Journal of Molecular Biology, Nucleic Acids Research, Molecular and Cellular Biology, Molecular Neurobiology, Blood etc.

The faculty members of this department are involved in teaching courses in Genomics, Computational Biology, Bioinformatics, Molecular modelling, Mathematics & Statistics, and Systems Biology. The department is poised to grow rapidly and is optimistically looking forward to getting associated with eminent professors/scientists at various stages of their careers.

Programs of Study

PhD in Systems and Computational Biology

The department offers a PhD program where candidates are supposed to work on the research projects proposed by respective faculty members. The information on research areas carried out by the faculty members can be found at their respective web pages as mentioned in details about the faculty members of the department.

Faculty

Professor and Head of the Department

H. A. Nagarajaram, Ph.D. (IISc, Bangalore): Computational systems biology; assessment of functional impact disease-causing mutations at molecular and systems level; discovery of basic structural principles governing protein functions; prediction and modelling of disease-causing mutations in human proteins. Modelling of structure and function of carbohydrates and the other nutrient transport systems in the gut microbiota.

Webpage:http://sls.uohyd.ac.in/new/fac_details.php?fac_id=33

Assistant Professors

Vivek, Ph.D. (JNU, New Delhi): Computational genomics: Integration of ‘omics’ data for gene knowledge mining; Candidate gene discovery and Nutri-genomics research in plants; Characterization of microbiota of human samples and/or plant rhizosphere for health and nutrition

Webpage:http://sls.uohyd.ac.in/new/fac_details.php?fac_id=34

Manjari Kiran, Ph.D. (CDFD, Hyderabad): Cancer genomics: Multi-omics based prognostic signature in cancers; Identification and characterization of novel RNAs in cancer; Network-based approaches for drug repurposing and repositioning

Webpage:http://sls.uohyd.ac.in/new/fac_details.php?fac_id=35

Pramod Rajaram S., Ph.D. (IIT, Bombay): Systems physiology and computational medicine: Mathematical modelling and analysis of integrative human physiology for identification diseases mechanisms and therapy design; Systems Bioengineering: Chronotherapeutic drug delivery in treatment of systemic inflammation. Biomedical informatics: Application of big data analytics for complex diseases to identify multi-omics biomarkers and causal mechanisms.

Webpage: http://sls.uohyd.ac.in/new/fac_details.php?fac_id=130

UGC-FRP Assistant Professor

Moumita Saharay, Ph.D. (JNCASR, Bangalore): Biomimetics and Biofuels: Computer simulation techniques to understand quantum mechanical description of a material that determines the behavior at various time and length-scales; Modelling and simulations of microbial enzymes for the production of biofuel/bioethanol; Role of protein and organic molecules to model biomimetic materials.

Webpage:http://sls.uohyd.ac.in/new/fac_details.php?fac_id=132

Adjunct Faculty

Prof. Shekhar C. Mande

Former-Director-General Council of Scientific and Industrial Research (CSIR), Department of Scientific and Industrial Research (DSIR), Govt of India,

Structural and Computational Biologist. He has contributed significantly in the area of structural characterization of Mycobacterium tuberculosis proteins and computational analysis of genome-wide protein-protein interactions

Webpage: https://en.wikipedia.org/wiki/Shekhar_C._Mande

Prof. Rajeev K Varshney JC Bose National Fellow, Research Program Director,

Professor, Murdoch University, Australia.

Genome sequencing, genomics-assisted breeding, translational genomics and capacity building in international agriculture. His key scientific contributions have been integration of advanced discoveries in genomics with crop improvement for crops from semi-arid tropics. Furthermore, he led genome sequencing projects of 10 crops including pigeonpea, chickpea, peanut and pearl

millet, and also the development of several molecular breeding products in chickpea, peanut and pigeonpea.

Webpage: http://profiles.murdoch.edu.au/myprofile/rajeev-varshney/

Honorary Professor

Prof Kambadur Muralidhar

Prof Muralidhar, a retired professor from Delhi University, is a well-known Indian Biologist and an esteemed academician. He has been well known for his seminal works in Biochemistry, endocrinology and reproductive biology. He is a fellow of all three prestigious academies of India and a recipient of many awards.

Webpage: https://en.wikipedia.org/wiki/Kambadur_Muralidhar

Entrance Examination specific information for PhD admission

The candidates seeking admission to PhD have to qualify through the written test conducted by the University. **Candidates with Junior Research Fellowship (JRF) (CSIR/UGC/DBT/ICMR) qualifications in national-level written examinations can directly appear for the interview.** However, they have to apply to the University with their JRF Certificate. NET (LS) are not eligible to apply directly, and they have to qualify through the written test conducted by University. The candidates who have qualified in the entrance test and/or Junior Research Fellowship (CSIR/UGC/DBT/ICMR) holders appearing for the interview will be interviewed for 30 marks. The weightage given to the Junior Research Fellowship holders appearing for the interview directly without qualifying the entrance test will be 35 marks as against candidates who write the entrance exam where the marks secured by them in the written test will be considered. For those Junior Research Fellowship holders who also write the entrance test, the marks secured either in the entrance test or the weightage is given i.e. 35 for JRF whichever is higher, will be considered.

SCHOOL OF HUMANITIES

The School of Humanities was founded on the conviction that the discipline of Humanities gives purpose, direction and value to education and life and these subjects are equally important in society like scientific and technological disciplines. The School of Humanities is the largest School in the University with thirteen (13) Departments/ Centres, seventy three permanent and three reemployed faculty members as of now, and around nine hundred students in different Master's, M.Phil. and Ph.D. programs. The School aims at providing an appropriate space for common awareness and a sense of responsibility for making the University more than a complex of specialized departments and centres. In addition, it is committed to achievement of academic excellence, creativity and all-round development of students.

The courses offered in the School reflect these objectives and concerns. The Departments of Hindi, Telugu, Urdu and Centre for Applied Linguistics and Translation Studies are participating in the five year Integrated Master's Program of the College for Integrated Studies.

Prof. V. Krishna is the **Dean** of the School**.**

The School of Humanities comprises the following Departments/ Centres:

1. Department of English
2. Department of Philosophy
3. Department of Hindi
4. Department of Telugu
5. Department of Urdu
6. Centre for Applied Linguistics and Translation Studies
7. Centre for Comparative Literature
8. Department of Sanskrit Studies
9. Center for English Language Studies
10. Centre for the Study of Foreign Languages
11. Centre for Endangered Languages and Mother Tongue Studies
12. Centre for Dalit and Adivasi Studies & Translation
13. Centre for Buddhist Studies

Department of English

Rated amongst the best departments in India for the postgraduate study of English by QS World Rankings, the Department admits into its M.A. program graduates from any basic discipline. While the Department lays emphasis on giving students a sound foundation in canonical British and American texts, genres and methods of literary analysis, it also familiarizes them with literatures in English emerging from 'other' parts of the world and equips them with interdisciplinary methods of 'reading' the literary in newer formal, cultural and mediated contexts. The Department updates and orients its academic programs in keeping with the ever-changing disciplinary contours of literary studies and actively promotes teaching and research in areas both within and beyond the traditional limits of the 'English' canon.

Programs of Study

M.A. (English)

This program extends over four semesters and is worth 72 credits, of which 40 credits are awarded for core courses and 16 credits for elective courses (8 of which may be obtained from SWAYAM/NPTEL/other departments). The students are made to train in Research skills with courses on Research Methods and Publication Ethics with an allocation of Research supervisor to write two research papers by end of the program. Students may register, where class schedules permit, for additional courses to acquire up to a maximum of 80 credits.

The Department offers English I and English II Courses under NEP to students across the University which are open to Integrated Masters program students as well.

Ph. D (English)

The duration of the Ph. D. program is as per the UGC Regulations, 2018. Applicants for admission into the Ph.D. program must submit, at the time of the interview, a brief research proposal.

Faculty

IoE Research Chair Professor in Literary and Cultural Theory

K. Narayana Chandran, Ph.D. (IIT Bombay); American Literature; Modern Literatures in English; English in India (the history and pedagogy of the discipline); Translation; Short Narrative Forms; Reading/Literacy Theories; Malayalam Literature and Culture; Indian aesthetic/comparative studies; New Literatures /Theory in English; Allusion, Intertextuality, and Intergenres.

Professors

Pramod K. Nayar, Ph.D. (Hyderabad); Colonial Discourse Studies, Posthumanism, Comics and Graphic Novels, Human Rights and Literature.

D. Murali Manohar, B.A. B.Ed., M.Phil., Ph.D. (Hyderabad); Indian Writing in English, Indian English Women's Fiction, Dalit Literature/Studies and Women's Studies. (**Head of the Department**)

Anna Kurian, Ph.D. (CIEFL, Hyderabad); Shakespeare Studies, Children's Literature.

Associate Professor

B. Krishnaiah, M.A., SLET, M. Phil., Ph.D. (Kakatiya); Indian Writing in English, Indian Fiction in English by Women, Postcolonial Studies, Dalit Studies.

Assistant Professors

Sireesha Telugu, Ph.D. (Hyderabad); Indian Writing in English, South Asian Diaspora and Literature.

Siddharth Satpathy, Ph. D. (University of Chicago): 18th and 19th Century British Literature, Post-Colonial Thought, Modern Indian Intellectual Tradition (**On Leave from 15/3/2022 for two years**)

Girish D. Pawar, Ph.D. (EFLU, Hyderabad); Cultural Studies, Film Studies Education and Language Teaching and Popular Culture.

Bhaskar Lama, Ph. D. (EFLU, Hyderabad); Jewish American Writings, African American Literature

Saradindu Bhattacharya, Ph.D. (Hyderabad); Young Adult Fiction, Narratives of trauma, Popular Culture and Media

Entrance Examination

Ph.D (English)

As per the UGC Regulations, 2018, the entrance examination for admission into Ph.D. programs is conducted for 70 marks. The question paper consists of two parts: Part A comprises questions on Research Methodology and Part B tests the candidate's subject knowledge.

Part A, for 35 marks, tests the candidate's aptitude for English Research. This section includes questions on research methods as they are practised in the major areas of English Studies. The MCQs test the candidate's familiarity with standard sources and formats of English scholarship such as the MLA and comparable citation formats, online databases, journals and other resources

for research in English Studies. These questions also pertain to the aims and methods of research in English Studies, such as finding appropriate topics, conducting survey of scholarship, major schools of theory and critical approaches, stages toward writing and editing papers/ dissertation; the mechanics of writing, and the prospects of publishing research and presenting papers at scholarly fora.
Part B, also for 35 marks, tests the candidate's knowledge of the subject and his/her scholarly aptitude. This involves writing an essay on a given topic and critically analysing a prose passage, or a poem, as directed.

Shortlisted candidates are required to appear for an interview (**for 30 marks**). At the interview, the candidate's aptitude for research is examined on the basis of the following criteria:
· Research Proposal: quality, innovativeness, methodology
· Language skills
· Review and analysis of scholarship
· Argumentation (in the proposal and at the interview)
· Familiarity with primary sources and working bibliography

MA Syllabus

Rationale

1) The MA projected here is a **two-year, 80 credits** "MA with Research" in compliance with NEP requirements; those who leave after the first year will be issued a Post Graduate Diploma in English Studies.
2) The MA needs to balance between UGC-NET aspirations of those opting for "MA with Research"; teaching/workload of Faculty; UGC requirements with reference to Academic Bank of Credit (ABC) and credit-transfer; the diverse needs of 21st century student clientele;
3) A clear skills-component is not only in compliance with the NEP but also serves to help the students with poor writing/reading skills to reach a level playing field and hence such courses are essential;
4) "English in India" as a core course fits the syllabus for UGC-NET but also prepares the students for an understanding of the profession and the social life of English in India.

Year 1

In the first two semesters the students can opt for either a traditional Anglo-American stream or a Postcolonial/Subaltern stream, or they can choose to mix it up. They will have a common set of core/compulsory courses. The first two semesters will thus offer a student some courses which are skill-based and India-related, in addition to discipline-specific courses.
They will also do a two credit mandatory internship, which will entail 60 hours of work, as 1 credit requires 30 hours of work.

Semester I (4 x 4 credits + 1 x 2 credits=18 credits + 2 credits internship)

Compulsory Courses:
English Language
Introduction to Literary Studies
LISP (Language Intensive Study Programme) (2 credits)*

Streams:

If students so wish they can also opt for one course from each stream**.**

Stream: Anglo-American (**AA)**	**Stream: Postcolonial/Subaltern (P/S)**
AA1. Poetry	P/S1. IWE
AA2. Prose I	P/S2. NLE I

Internship: 2 credits

Semester II (5 x 4=20 credits)

Compulsory Courses:
Literary Theory
English in India

Stream: Anglo-American (**AA)**	**Stream: Postcolonial/Subaltern (P/S)**

AA 3. Prose II
AA 4. Drama
AA 5. Elective Cluster 2

PS1.NLE 2
PS2. Dalit Literature
PS3. Elective Cluster 2

The students will do one elective in Semester 2, and these will be offered in clusters (two each) and will be common to students from both streams. These electives are *not stream based* but can be in the newer areas of English Studies/canonical/etc. The only requirement is that there must be two courses (or more, depending on workload and if faculty strength increases) offered in each cluster.
*The LISP course will be taught by the Research Scholars of the Department, under the supervision of the faculty. It will thus fulfil the NEP requirement that all doctoral candidates should be entrusted with some teaching responsibilities. The LISP course requires the MA class to be divided into small groups of 8 to 10 students who will be taught reading and writing skills intensively for two hours every week.

Year 2

In the second year of the MA programme, students who wish to pursue research will work on two research papers, each of which must be between 2000 to 4000 words. In the third semester they will enroll in an interdisciplinary course, in addition to which they will study 3 taught courses, related to research in English Studies in India. In the fourth semester the focus is on the writing of the research papers which will thus fulfil the research component.
Note: The interdisciplinary courses may be chosen from other departments, universities or from the MOOCs available on SWAYAM or NPTEL, after due approvals from the Department as per NEP mandated provisions for Academic Bank of Credit (ABC).

Semester III (5 x 4 = 20 credits)

Interdisciplinary Course (SWAYAM/NPTEL)
New Directions in Research in English Studies (a cluster of two [or more] courses)#
Research Methods & Publication Ethics
Theory in Practice
Background and Literature Review (Supervisor)

Semester IV (2 x 10 = 20 credits)

Research Paper I
Research Paper II

#A sample list of courses for the New Directions in Research in English Studies:

- Migrations and Environmental Change
- Human Rights and Literature
- Digital Humanities
- Medical Humanities
- New Approaches to the study of canonical literature (Critical Animal studies, Posthumanism, Climate Change, Extinction Studies, etc.)

Ph D

The program includes mandatory course work worth a minimum of 16 credits to be completed in the first two semesters; this leads to the submission of a comprehensive research proposal, complete with a clear outline of the proposed project, survey of scholarship, and a working bibliography at the end of the third semester. Consequent upon the formal approval of the research proposal, the student embarks on writing the dissertation on her/his topic of choice under the guidance of the assigned faculty supervisor.

During the course of their research, students are expected to make regular presentations on the progress of their work to members of their respective Research Advisory Committees (RACs), constituted by the Department.

The dissertation is finally submitted and forwarded to three external examiners for evaluation. Based on the reports of the research supervisor and the external examiners, the student defends her/his thesis in a formal viva-voce exam before the award of the degree.

The Department offers specialized guidance to newly admitted Ph.D. scholars in choosing their topics and formally assigns them research supervisors within a month of their joining the program.

Currently, the Department encourages work in: Indian Writing in English, Dalit literature, Diaspora Studies (specifically literature from the South Asian Diaspora), Shakespeare Studies, Indo-British Literary and Cultural Transactions, Children's Literature and Young Adult Fiction, Popular Culture, English Literature of the Romantic Age, and Postcolonial Literatures in English.

The Department supervises research only where primary materials are available in English, or in respectable English translation.

Domains of interest/expertise are listed against the names of individual faculty above, and indicate the areas in which they might be willing to supervise research. Prospective candidates are advised to go through faculty profiles here and on the University-Department website when they apply for admission into the research program.

Department of philosophy

The Department is eminently known in the country for research in diverse fields of Philosophy. It has been recognized by the UGC as a Department of Special Assistance from 1987 to 2018. The Department's thrust areas of research are Philosophy of Language , Philosophy of Cognition and Mind, Contemporary Western Philosophy and Philosophy of Science. In addition to these, the Department carries on research in Systems of Indian Philosophy, Aesthetics, Epistemology, Logic, Ethics and Phenomenology.

Programs of Study
M.A. (Philosophy)

In this program, the Department offers courses at two levels. At the basic level, it offers core courses in the classical schools of Indian and Western Philosophy, Ethics and Logic. At the advanced level, it offers optional courses such as advanced courses in Buddhism, Philosophy of Science, Philosophy of Language, Aesthetics, Philosophy of Mind, Postmodernism, etc. As a part of the M.A. program, students are required to write a dissertation (12 credits) in the final semester.

Ph.D. (Philosophy)

The Ph.D. Program, aims at developing original research in diverse fields of Philosophy. The research scholars are required to write a dissertation on a topic of their choice in consultation with the supervisor after completing at least two semesters of course work. Interdisciplinary research is encouraged, where two or more departments/schools are involved.

Entrance Examination:

Minimum Eligibility for Admission to Ph.D.: With at least 55% marks in MA Philosophy. Exceptionally good candidates from related fields may be considered subject to the availability of expertise within the Department.

The question paper for Ph.D. course shall consist of 70 marks in two sections, as per the UGC Regulations, 2016.

Part-A: 35 marks will be on Research Methodology. The questions test candidates' aptitude for research in Philosophy. It includes questions on different methods of doing Philosophy, the Nature and Sources of Philosophical writings, including writing of dissertation and Philosophy papers, major schools of Philosophy and their characteristic methods, logical reasoning, the conceptual tools used in Philosophy, distinctness of Philosophical methods, the difference between empirical and a priori methods and the methods of validating knowledge.

Part B: 35 marks will be on subject concerned.

Ph.D. Vacancies: 07

Dr. Kavita Chauhan - Aesthetics -1
Prof. Laxminarayan Lenka - Philosophy of Language/ Western Epistemology - 1
Prof. C.A. Tomy Western Philosophy of mind /Metaphysics - 2
Dr. Abhijeet Joshi - Vedanta /Contemporary Indian Philosophy - 2
Dr. B. Ananda Sagar - Western Epistemology -1

Faculty.

C.A. Tomy, Ph.D. (Hyderabad) – Philosophy of Mind, Philosophy of Language, Metaphysics and Nature of Modality.

Laxminarayan Lenka, Ph.D. (Hyderabad) (Head) – Philosophy of Language, Western Epistemology.

Associate Professors:

Chandra B. Varma, D. Litt (Ranchi) – Buddhism, Indian Philosophy, Phenomenology, Translation of the Philosophical Works from Pali, Prakrit and Sanskrit into English.

Assistant Professors:

Abhijeet Joshi, Ph.D (Pt. Ravi Sankar) – Indian Philosophy (Advaita Vedanta: Classical and Contemporary)

B. Ananda Sagar: Ph.D. (Hyderabad) - Epistemology and Analytic Philosophy

Venusa Tinyi: Ph.D. (Hyderabad) - Logic (Formal Logic and Philosophical Logic)

Kavita Chauhan: Ph.D. (Panjab) – Indian Aesthetics, Western Aesthetics, Samkhya and Yoga.

Shinod N.K. : Ph.D. (Hyderabad) PDF (IIT Delhi) – History and Philosophy of Science

DEPARTMENT OF HINDI

The Department of Hindi provides teaching and research opportunities in Hindi, keeping in view the changing social norms, communication patterns, different roles of language in our society and fast changing technological development in our time. While drawing up the syllabus, sufficient care has been taken to cater to the contemporary needs of the society. Special attention is paid to focus on the career opportunities of the students and research scholars and make them globally competent.

Programs of Study

The Department offers M.A., Ph.D Programs in Hindi.

M.A. Hindi Language and Literature

Extended over four semesters, this program provides instruction and guidance for acquiring knowledge in various new fields of Hindi language and literature without entirely neglecting the old and medieval texts and offers wide scope for elective studies. Special emphasis is also given to the functional aspects of the language.

M.A. Hindi Language and Literature course will have two streams: (i) Literature Stream (ii) Functional Hindi and Translation stream.

This course will have common papers up to 3rd Semester and in the 4th Semester the streams will be separated. In case a student opts for the Functional Hindi and Translation stream, he/she will be offered four separate courses (Four credits each) and it will be mentioned - 'Specialization in Functional Hindi and Translation' in his/her degree of M.A. Hindi Language and Literature.

Ph.D (Hindi)

This is a research program, with course work of 16 credits in the first year. Students are required to submit their thesis after passing the prescribed courses for Ph. D program. No student is permitted to submit his/her thesis for the Ph.D. degree unless he/she has passed the courses of research in the department as prescribed in a period of one year, extendable up to a period of one more year (semester by semester) from the date of confirmation of admission. There will be written and oral examinations for the course work as prescribed.

Applicants for the Ph.D courses must submit a brief description (in about 500 words) of their proposed topic of research along with their applications.

Research in the following areas is given preference:
Bhakti Literature/ Bhakti Movement, Comparative Studies, Literary Criticism, Sociological approach to Literature,
Various aspects of Modern Hindi Literature, Dakkhini Hindi – Language and Literature, Dalit and Tribal Literature,
Functional Hindi and Translation, Mass Media, Cinema and Cultural Studies, Women and Gender discourse.

Entrance Examination

Ph.D (Hindi)

The question paper of Ph.D. course consists of 70 marks in two sections, as per the UGC Regulations, 2016.
Part A – 35 marks will be on Research Methodology that includes:

Data collection process; publication research, interviews, surveys and other research techniques; researching present and historical information; Quantitative methods, Data interpretation, Aptitude and Logical Reasoning.
This part of the Entrance Test will be on the lines of Paper-I/Part-I of the UGC-NET/ JRF exam.

Part B: 35 marks will be on subject concerned which is as follows:
The areas from which questions will be asked include: History of Hindi Literature, History of Hindi language, General Linguistics, Works of prominent personalities of Hindi Language and Literature, Scientific and academic topics related to Hindi language and literature, Hindi Criticism, Indian, Western Poeties, Hindi Cinema, Journalism, Dalit, Adivasi Discoursers, Functional Hindi and Translations, Research Methodology, Women Writing in Hindi, Sociology of Literature, Bhakti Poetry, Comparative literature.

In addition, there is an Interview for 30 marks for the shortlisted candidates with the following break up-

1. UGC-NET/JRF -05 Marks
2. Proposal-05 Marks
3. Interview-20 Marks

Faculty
Professors

V. Krishna, M.A. (UoH), M.Phil. (JNU),Ph.D (Osmania University)- Modern literature, Philosophy of Literature, Comparative studies, Functional Hindi, Translation, Dalit Literature and Identity Studies.

Ravi Ranjan, Ph.D (University of Hyderabad)- Bhakti Poetry, Modern Literature, Sociology of Literature & Literary Criticism

R.S. Sarraju, Ph.D (Andhra University)- Functional Hindi and Translation studies, Comparative Indian Literature, Sociology of Literature.

Sachidanand Chaturvedi, Ph.D, Sanskrit (Kanpur University), Ph.D. (Manipur University)- Sanskrit literature, Indian Poetics, General Linguistics, Modern Hindi Literature.

Gajendra Kumar Pathak, M.A.Hindi (JNU), M.Phil. (JNU), Ph.D. (V.K.S.U.)- Bhakti movement and poetry, Hindi navjagran, Hindi Criticism, Philosophy of History of literature, Modern and contemporary Hindi Literature.(Head of the Department)

Alok Pandey, M.Phil. & Ph.D. (JNU) – Kabir, Nirala, Ageyay,, Media, Cinema, Cultural Studies, Interdisciplinary and comparative studies.

Cherla Annapurna, Ph.D (PG & Research Institute,DBHPS) Language studies, Translation studies, Comparative and modern Literature.

Vishnu Ramba Sarwade, Ph.D (Dr.B.R Ambedkar Marthwada University, Aurangabad) Adhunik sahity, Hindi sahitya ke vividh vimarsh (Dalit, adivasi, stri, alpsankyank etc., Tulanatmak adhyayan.

M. Shyam Rao, Ph.D. (University of Hyderabad) – Modern Hindi Poetry, Modern Hindi prose, Aesthetics, Marxist Approach to Literature, Sociology of Literature, Comparative Literature, Indian Literature.

M. Anjaneyulu, Ph.D (University of Hyderabad)- Modern Hindi Literature, Comparative Studies, Bhakti Literature. Indian Literature.

Associate Professors

Bhim Singh, Ph.D (University of Delhi)- Modern Hindi Literature, Contemporary Hindi literature and Discourses, Historiography of Hindi Literature, Folk Literature of Rajasthan, Lexicography and Semantics.

Prakash Krishna Koparde (Dr.B.R Ambedkar Marthwada University, Aurangabad) Modern Hindi Prose and novel, Modern poetry, Criticism, Translation and comparative studies.

Assistant Professor

J. Atmaram, Ph. D (Osmania University)- Hindi Criticism, Modern Hindi Literature (Poetry &
Prose), Functional Hindi and Translation, Social context of Hindi language and Registers

DEPARTMENT OF TELUGU

The main objective of the Department of Telugu is to promote studies in Telugu Language and Literature. The Department undertakes teaching and research in Telugu with emphasis on various aspects of historical and comparative studies in language and literature. The syllabus for various courses is drawn keeping in view the changing needs of society in relation to language use, and the role of literature in the society. An equal importance is also given for studies in Classical literature and Sanskrit, along with an interdisciplinary approach.

Programs of Study

IMA (Telugu)

The I.M.A program in Telugu is of ten-semester duration with all core and allied areas of Study. The students will be awarded a B. A. degree after successful completion of six semesters, and a B. A. honors degree will be awarded at the successful completion of eighth semester.

MA (Telugu)

The M.A. program in Telugu is of four-semester duration with all the important areas of study. There are three Core (4credits each) and two Optional courses(3credits each) in first three semesters. Students have to study three core courses, and have to submit a dissertation at the end of fourth semester. The dissertation will be of six credits, totaling 72 credits in the program. The courses are designed with an emphasis on all-round development of the personality of the students with adequate importance to job opportunities. The courses provide a wide range of specializations such as Classical, Modern, Folk, Dalit and Diaspora literatures, Literary Criticism and Aesthetics, Traditional Grammar, Telugu linguistics, Computer applications, and Mass media.

Ph.D. (Telugu)

The Ph.D. program is entirely a research program oriented towards studies in classical and modern Telugu literature, comparative literature and culture, history, and Language studies. The Ph.D. program will normally extend over a minimum period of three years from the date of confirmation of admission and maximum of six years. The nature of the program is individually designed for each candidate, but invariably includes course work in the first two semesters and later, a thesis on the approved topic under a faculty guidance.

Entrance Examination

Admission to 5-Year Integrated PG/PG courses are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

Admission to Ph.D. : **Entrance Examination will be conducted by the University.** The candidates will be called for an interview in the order of merit based on the entrance examination.

Ph.D (Telugu)

The Ph.D. Entrance Examination paper consists of 70 objective type questions at postgraduate level of one mark each to be answered in OMR sheet. 35 marks, will be on Research Methodology and 35 marks for the subject concerned.
The questions will be based on classical and modern literature, linguistics and history of Telugu Language and Literature, Grammar, Chandas, Alankaras, Literary Criticism, Folk Literature, Dramaturgy, Methodology, Comparative Aesthetics, Literary works, authors, basic Sanskrit knowledge, General Knowledge etc. The candidates who qualified in the written test have to attend an oral test for 30 marks. (Details will be updated from time to time at www.uohyd.ac.in.)

Faculty

Professors

Darla Venkateswara Rao, M.A. Telugu (UoH), M.A., Sociology (B.R.A.O.U.), M.Phil., Ph.D. -Telugu (UoH) P.G. Diploma in Linguistics & Teaching of Telugu Language (PSTU.), Diploma in Sanskrit (O.U). Comparative Aesthetics, Literary Criticism, Applied Criticism, Classical Literature, Modern Poetry, Dalit Literature, Sociological approach to Literature, Telugu Diaspora Literature. (**Head of the Department**)

Pillalamarri Ramulu, M.A. (Osmania) M.Phil., Ph.D. (UoH) P.G. Diploma in Sanskrit. Classical and Modern Literatures, Literary Criticism, and Comparative Aesthetics.

M. Gona Naik. M. A. M.Phil. and Ph.D. ((Sri Krishnadevaraya) Trible Folklore, Folk Literature and Classical Literature.

Pammi Pavan Kumar, M. A. Telugu (UH), M. A. Linguistics (Annamalai), M.Phil., Ph.D. (UH). Classical and Modern Literature, Traditional and Modern Telugu Grammar, Applied Linguistics, Natural Language Processing, and Mass media.

D. Vijayalakshmi, M.A. Telugu (Madras), M. Phil., Telugu (Madras), M.A. Linguistics (Annamalai), Ph.D (SPMVV, Tirupati) Diploma in Tamil (Madras), P.G. Diploma in Telugu Translation (SPMVV, Tirupati). Applied Linguistics, Studies on Telugu Language, Dialectology, Translation, Folk Literature, Lexicography, and Comparative Dravidian.

AssociateProfessors

Bhukya Thirupathi. M.A., M.Phil., Ph.D. (UH), Modern Literature, Literary Criticism, History of Literature, Folk Literature, Dalit and Tribal Literature, Comparative Literature, Feminist Literature Structure of Telugu language, and Evolution of Telugu Language.

Assistant Professors

B. Bhujanga Reddy, M.A., M.Phil. Telugu (UoH), M.A - Applied Linguistics, Ph.D. - Linguisitcs (PSTU), M.A. Sanskrit (Kakatiya) P.G. Diploma in Translation Studies, Literary Criticism, Literary Translation, Telugu Grammar and Linguistics.

D. Vijayakumari, M.A.(Andhra), M.Phil., Ph.D.(UoH). Folk Literature and Desi Literature. Cultural History of Andhras, Dalit Literature and Feminist Literature.

DEPARTMENT OF URDU

The Department of Urdu aims at providing teaching and research facilities in Urdu. Special importance is given for studies in Deccani research especially editing of Deccani Manuscript and Classical Literature. The syllabus is updated keeping in view of the changing needs of the
society. The syllabus includes Job-oriented courses like Translation: theory and practice, Computer and Urdu software Practices, Urdu journalism and script writing for Audio-Visual media. This is the only Department in the Country having Computer Lab of 12 PCs with internet connection. The Department conducts Workshop, extension Lectures by eminent scholars, and symposia/seminars of National and International level. There is tremendous response of Ph.D. research and a good research output also. The Department offers IMA, M.A, and Ph.D. programs in Urdu.

IMA (Integrated MA in Urdu)
Ten semesters course in Urdu provide students basic knowledge of Urdu language and literature. It also imparts knowledge of history of Urdu literature and its various genre evolved
over the period of time. The course helps students to develop creative writing skills and critical
analysis of literary texts as well as clear understanding of cultural context of literary masterpiece. The computer course and practice of basic writing for media is also part of the course. The course stared in 2006 when the centre for integrated program launched but due to some technical reason the course has come to a halt after 2016.
Now the course in IMA Urdu is going to be reintroduced this year for benefit of Urdu loving students.
The M.A. Urdu syllabus has both modern and interdisciplinary features. The program aims at giving a fair knowledge of all the important forms of Urdu Literature with introduction of other disciplines in Humanities and social Sciences relevant to Urdu Literature. The program consists of several innovative optional courses like translation Theory & Practice, writing methods for Audio-visual media and Core/Compulsory courses in Computer & Urdu software practices and introduction to Urdu Journalism. The Ph.D. program is entirely a research program oriented towards studies in classical and modern Urdu literature, comparative literature, Socio and cultural aspects of Language and literature. our special targets are I) Inter-disciplinary topics ii) Topics of Comparative Literature. III) Deccani research especially editing of Deccani Manuscript. The candidates for Ph.D. may be required to work on a topic approved by the Departmental committee but applicants for the Ph.D. course must submit a brief description (in about 500 words) of their proposed topic of research at the time of interview. Admission to 5-Year Integrated PG/PG courses are

through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

Admission to Ph.D. : Entrance Examination will be conducted by the University. The candidates will be called for an interview in the order of merit based on the entrance examination.
Ph.D.:
The question paper of Ph.D. course shall consist of 70 marks in two sections, as per UGC regulations 2016. Part A -35 marks will be on Research Methodology, broadly will be as follows: -
Research Methodology: - "The process used to collect information and data for the purpose of making decisions. The Methodology may include publication research, interviews, surveys and other research techniques, and could include both present and historical information". Besides including Quantitative methods, Data interpretation, GK, Aptitude and Reasoning.
This part of the Entrance Test be in the UGC-CBSC/CSIR-JRF exam.
Part 'B': 35 marks, will be on Subject Concerned.
The examinations of Ph.D. will be based on M.A. Syllabus. The question paper for both the examinations, will consists of objective type questions. The candidates of Ph.D. will have an interview for 30 marks.
FACULTY
Professors:
Dr.Habeeb Nisar: Ph.D. (UoH) - Deccani Literature, Dastan, Interdisciplinary studies, Textual
Criticism, Classical Prose and Poetry.
Dr. A. M. Syed Fazlullah (Head): PhD (UoHyd) - Urdu Journalism and Mass Media, Fiction, Non-
fiction, Comparative literature and Criticism.
Associate Professors:
Dr. Arshia Jabeen: PhD (UoH) - Modern Prose, Modern Fiction, Modern Literary Criticism,
Computer Studies.
Dr. Md. Zahidul Haque: Ph.D. (JNU) - Classical Poetry, History of Urdu Language and Literature,
Urdu Journalism and Mass Media, Comparative Literature.
Dr. Abdur Rab Manzar: Ph.D. (Osmania) - Modern Criticism, Modern Prose and Poetry.
Assistant Professor:
Dr. Mohd. Kashif: Ph.D. (JNU) - Modern Fiction and Mass Media.
Dr. Nishat Ahmed: Ph.D. (UoH) - Deccani Literature, Modern Prose and Poetry.
Dr. Rafia Begum: Ph.D. (UoH) - Fiction, Non-Fiction and Modern Poetry.

CENTRE FOR APPLIED LINGUISTICS AND TRANSLATION STUDIES

1. About Centre for Applied Linguistics and Translation Studies (CALTS)

The Centre for Applied Linguistics and Translation Studies (CALTS) has been established as a Research Centre in 1988 and has been offering Postgraduate teaching program since 1990. The Centre specializes in Language Interface Studies with an emphasis on Phonetics, Phonology, Morphology, Syntax, Semantics, Language Teaching, Computational Linguistics, Language Typology, Sociolinguistics, Psycholinguistics, Historical Linguistics, Lexicography, Systemic Linguistics, Corpus Studies, Language Documentation, Systemic Functional Linguistics, Speech Language Pathology, Cognitive Hearing Sciences (Speech Perception), Stylistics, Discourse Analysis, Translation Studies (involving different Classical and Modern Indian

Languages such as Telugu, Tamil, Kannada, Marathi, Bangla and Khasi), Gender and Translation, English Translation of Indian Literature, Post-Colonial Translation and Language Technology. Apart from being one of the advanced centres of teaching and research in Applied Linguistics and Translation Studies in the country, CALTS has also created a substantial computational facility for research and training in Natural Language Processing (NLP) and Machine Translation (MT). CALTS has faculty members specialized in the areas mentioned above. The Centre has undertaken major research projects like Indian Language to Indian Language Machine Translation (IL-ILMT), Shallow Parser Tools for Indian Languages (SPTIL) WordNet (Odia) and Indian Languages Corpora Initiative (ILCI) Phase II funded by DeiTY, Govt. of India. CALTS has been evaluated and rated by the Research Council of United Kingdom as **Centre of Excellence** in 2010 among 32 important institutions in the country.

2. Programs of study

The Centre offers the following programs:

i) I.M.A. in Language Sciences (under NEP 2020)
ii) M.A. in Applied Linguistics
iii) Ph.D. in Applied Linguistics
iv) Ph.D. in Translation Studies

I.M.A. in Language Sciences:

This ten-semester program trains students in basic courses of Language Sciences and emerging areas of Computational Linguistics, Language Technology and Cognitive Linguistics in Humanities among others. The following courses are offered through the College of Integrated Studies (CIS): Introduction to Language Sciences, Languages of India, Language and Communication, Sound Patterns, Word Patterns, Sentence Patterns, Language and Meaning, Lexicography, Introduction to Computer Applications in Indian Languages, Introduction to Linguistic Data Analysis, Language and Literature, Language and Mind, Language and Society.

M.A. in Applied Linguistics:

This is a four-semester program with 4 papers per semester besides two Foundation Courses one each in the first two semesters. The compulsory courses include:
Phonetics and Phonology, Morphology, Syntax, Semantics, Language Teaching & Testing, Translation Studies, Computational Linguistics, Historical and Comparative Linguistics, Psycholinguistics and Sociolinguistics. The electives offered include: Advanced Phonology, Advanced Morphology, Advanced Syntax, Advanced Computational Linguistics, Machine Translation, Language and Cognition, Topics in Corpus Studies, Gender and Translation, Post-Colonial Translation: Theory & Practice, English Translation of Indian Literature, Field Techniques in Linguistics, Systemic Functional Linguistics, Discourse Analysis, Structure of Select Indian Languages (Telugu, Tamil, Kannada, Marathi, Khasi etc.) and a compulsory course on Research Project in Linguistics (AL / TS) in the fourth semester.

Ph.D. in Applied Linguistics / Translation Studies:

The program consists of two parts - Course work and thesis submission. The Course work comprises four papers (16 credits) spread over two (2) semesters of the first year. It is followed by submission of a thesis on a research topic approved by the Centre. The course is tailor-made to cater to the specific requirements pertaining to the research interests of individual research scholars. The tenure for Ph.D. is as per UGC norms. The students need to fulfil the UGC requirements for successful completion of the program.

3. Faculty

Professors

Bhimrao Panda Bhosale, Ph.D. (Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)**:** Systemic Functional Linguistics, Stylistics, Discourse Analysis, Linguistics, Applied Linguistics and Translation, Critical Theory and Ambedkar Studies. (**HEAD**)

J. Prabhakara Rao, Ph.D. (Moscow): Systemic Linguistics and Systemic Typology, Mathematical & Computational Linguistics, Methodology of Linguistics, Translation Studies, Russian Linguistics and Russian as a Foreign Language.

K. Rajyarama, Ph.D. (UoH)**:** Derivational Morphology, Morpho-Syntax, Language Teaching & Testing, Machine Translation, Translation Theory and Practice.

S. Arulmozi, Ph.D. (UoH): Areas of specialization: Language Endangerment Studies, Multilingualism, Corpora and Translation Studies, Language Analysis and Cognition.

Associate Professors

Gracious Mary Temsen, Ph.D. (Delhi): Syntax, Linguistic Typology, Language Documentation, Khasi Linguistics, Descriptive & Comparative Linguistics.

S. B. Rathna Kumar: Ph.D. (UoH): Speech Language Pathology, Cognitive Hearing Sciences (Speech Perception), Phonetics, Psycholinguistics, and Neurolinguistics.

N. Ramesh: Ph.D. (Bharathiar University): Areas of specialization: Tribal Linguistics, Language Documentation, English Language Teaching.

Assistant Professors

K. Parameswari, Ph.D. (UoH): Computational Linguistics & Machine Translation, Linguistic Divergence. (on EoL)

Sriparna Das, Ph.D. (UoH): Translation Studies, Gender Studies, Oral Literatures, Literature Studies, Multilingualism.

Morey Dipak Tryambak, Ph.D. (EFLU): Phonetics, Linear and Non-Linear Phonology, Sociophonetics, Sociophonology, Language Contact and Bilingualism.

Y. Viswanatha Naidu: Linguistics & Computational Linguistics, Semantic Typology.

Annem Naresh, Ph.D. (UoH): Translation Studies, Postcolonial Literature, Indian Literature in English Translation.

Venkanna Ithagani: Ph.D. (EFLU): Pragmatics

4. Entrance Examination Specific Information

Admission to 5-Year Integrated MA / MA courses are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

Admission to Ph.D. : Entrance Examination will be conducted by the University. The candidates will be called for an interview in the order of merit based on the entrance examination.

The pattern of the question paper for the Ph.D. Entrance Examination 2023 shall be as follows:

Ph.D. in Applied Linguistics

The question paper shall consist of 70 marks in two sections, as per the UGC Regulations 2016.

Part A: 35 marks Questions will be covered from Research Aptitude and broadly will be as follows:
Research questions, hypothesis, research methods, interviews, surveys, data collection, data analysis and interpretation, research acronyms, publication research, research methodology (quantitative methods, qualitative methods, mixed methods, triangulation), plagiarism and academic writing and research ethics.

This part of the Entrance Test will be in the lines of Paper-I/Part-I of the UGC-NET/JRF exam.
Part B: 35 marks Questions will be covered from Core Linguistics, Applied Linguistics and Inter-disciplinary areas including Current Trends and Advanced Topics in Applied Linguistics.

Ph.D. in Translation Studies

The question paper shall consist of 70 marks in two sections, as per the UGC Regulations 2016.

Part A: 35 marks Questions will be covered from Research Aptitude and broadly will be as follows:
Research questions, hypothesis, research methods/research design, interviews, surveys, data collection, data analysis and interpretation, research acronyms, publication research, research methodology (quantitative methods, qualitative methods, mixed methods, triangulation), plagiarism and academic writing and research ethics.

This part of the Entrance Test will be in the lines of Paper-I/Part-I of the UGC-NET/JRF exam.

Part B: 35 marks Questions will be covered from Theories of Translation, Literature &Translation and Inter-disciplinary areas including Current Trends and Advanced Topics in Translation Studies; Translation Evaluation, Text Analysis.

In addition to the Written Test for 70 Marks, there will be an interview for 30 marks for those who qualify in the written examination.

Note: The question papers of M.A. and Ph.D. are in the objective type and shall be answered in an OMR sheet following the instructions given both in the question papers and the OMR sheet.

CENTRE FOR COMPARATIVE LITERATURE (CCL)

The Centre for Comparative Literature, functioning since 1988, aims at providing an interface between literatures and cultures. The Centre offers **M.A.** and **Ph.D.** programs, which encourage a study of systems of knowledge located in the literary, language, and cultural systems of India in order to develop a critical awareness of socio-political and cultural discourses.

Programs of Study:

The **M.A.** in Comparative Literature is a four-semester program and each semester carries a minimum of 16 credits, apart from two foundation courses in the first year. There is continuous evaluation followed by semester-end examinations. The program allows a choice of elective courses and a research-oriented dissertation in the fourth semester. While the program traces the history of the discipline and the development of methodologies, it also emphasizes Translation Studies and Cultural Studies as tools to engage with literatures and cultures.

The **Ph.D.** in Comparative Literature extends over a minimum period of two years. The nature of the program is decided by the student in consultation with faculty, but the requirement invariably include course-work comprising of 12-14 credits, over two semesters and has continuous evaluation and a semester-end examination. A 2 credit course on "Research and Publication Ethics (RPE)" is made compulsory for all Ph.D. students admitted from 2020-21. The major part of PhD program is writing a thesis on an approved topic under faculty supervision that will also go through external evaluation before the award of the doctoral degree.

Medium of Instruction:

Applicants should note that the medium of instruction in the Centre is English, and, hence, should ensure that they have a good knowledge of English to follow the lectures and actively participate in curricular activities.

We encourage research in the many language-cultures of India (scheduled, non-scheduled, unlisted, etc.) and therefore, the primary texts for research can be in any language the candidates are familiar with and proficient in. Knowledge of two or more languages is desirable.

Entrance Examination:

The entrance examination for **M.A. will be through the National Testing Agency's CUET, Common University Entrance Test.**

The entrance examination for **Ph.D.** will carry **70 marks** and consists of objective type questions in two parts. Part A for 35 marks will be on research / analytical / reasoning capabilities. Part B for 35 marks will test the candidate's knowledge of Indian / World Literatures, Comparative / Literary / Cultural theories, contemporary trends / movements as well as English language proficiency.

Applicants for **Ph.D.** admission must submit along with the application a brief research proposal (about **750 words).**

Candidates who qualify the Entrance exam, will be required to **attend an interview** based on the research proposal (30 marks).
Candidates attending the interview should bring six copies of their research proposal, on dates notified by the Centre/University.

Faculty

Professors

M.T. Ansari, Ph.D. (EFLU, Hyderabad) Joined the Centre for Comparative Literature in 2004 and his current research interests include Cultural Studies, Minority Studies, Kerala Studies and World Literatures.

Sowmya Dechamma C.C., (Head) Ph.D. (UoH, Hyderabad): is with the Centre for Comparative Literature since 2004. Apart from teaching Comparative Indian Literature and Cultural Discourses in Contemporary India, her research interests include Gender, Literatures of India, Translation Studies, The Politics of Languages, and Kodava performative cultures.

J. Bheemaiah, Ph.D. (Osmania University, Hyderabad) – Dalit and Tribal Studies, Indian Literatures, Literature of the Margins, Culture Studies.

Assistant Professor

V. Vamshi Krishna Reddy, Ph.D. (UoH, Hyderabad): Cultural Studies, Film Studies and Critical Theory.

Link to CCL (MA) courses online: https://centres.uohyd.ac.in/ccl/courses/

DEPARTMENT OF SANSKRIT STUDIES

The Department offers a Ph. D. program in Sanskrit Studies. The present focus of program is in Language Technologies and Philosophy and Medicine. The Ph.D. Program extends over a minimum period of two years from the date of confirmation of admission. The nature of each course is individually decided for each candidate, which will include minimum two courses, a core course in Research Methodology, and a dissertation on an approved topic under the faculty guidance. Pogress of the research work would be monitored by an RAC every semester.
The goal of Language Technologies discipline is to 'train Sanskrit Scholars in the emerging field of Sanskrit Computational Linguistics showing the relevance of traditional śābdabodha theories to the field to computational Linguistics, thus bridging the gap between the past and the present.'

The main focus of Philosophy and Medicine discipline is to contribute to interdisciplinary research in Indian psychology concerned with various dimensions of thereotetical aspects like Prakriti, Personality, Nutrition, non-communicable diseases and Mental health besides working in linguistic, translational and philosophical aspects of Ayurveda samhitās, to generate data useful for pre-clinical studies.

Programs of Study
The department offers an **MA (Sanskrit Studies)** & **Ph.D. (Sanskrit Studies)**.

M.A. Sanskrit Studies
The syllabus is designed in such a way that the students are taught the Sanskrit texts in the traditional manner, but at the same time they are also demonstrated to the interface of these knowledge systems with the modern knowledge systems. Thus, the students are exposed to the importance and applicability of the knowledge they acquire in the current context. This course will equip them to take up research in inter-disciplinary areas. At the same time, they will also be confident enough to derive insights from Indian knowledge systems into their

own disciplines. In addition to all the openings a regular student of Sanskrit has, these students will have an edge over them with an exposure to the knowledge systems in other disciplines. Journalism, health industry, IT industry, NGOs, Media, Counselling etc., would provide them ample job opportunities apart from teaching and research.
Students can choose any one out of the following four interfaces, (Subject to the availability of faculty) for optional courses.

1. With Computational Linguistics and Vyākaraṇa 2. With Āyurveda and Indian Psychology
3. With Social Sciences, and 4. With Mathematics and Computer Science

Note: Admission is confirmed only upon submitting an SOP before attending a personal interview.

Ph.D Sanskrit Studies

The Ph.D. program normally extends over a minimum period of two years from the date of admission. The program comprises mandatory course work of 12 credits spread over the first and second semester. Scholars are required to write a thesis on an approved topic under the supervision of a faculty member. The thesis is examined by internal and external examiners and is followed by a viva voce examination. During the period of research, scholars are required to give seminars on their 'work-in-progress' to the Research Advisory Committee.
Faculty

1. **Prof. J.S.R. Prasad**, Āchārya (Navya-Nyaya), Śikṣā-Śāstri, Ph.D. (Navya-Nyaya, Rashtriya Sanskrit Vidyapeetha, Tirupathi) Indian Psychology, Scientific, linguistic and philosophical aspects of Ayurveda samhitās, Ayurvedic concepts in Sanskrit literature, Scientific literature in Sanskrit. (**Head of the Department**)
2. **Prof. Amba P. Kulkarni**, M.A. (Sanskrit), M. Sc. (Maths), M.Tech. (CSE, IIT, Kanpur), Ph.D. (Applied Linguistics, University of Hyderabad) – Bridging the gap between Science and Technology in Sanskrit texts and the Modern Science and Technology, with special emphasis on Language Technology, Computer Science and Mathematics.
3. **Prof. Aloka Parasher-Sen,** Emeritus Professor, M.A., Ph.D. (History, University of London), Ancient Indian History, Social History of Marginalized Groups, Gender History, History of Ancient Indian Concepts and Knowledge Systems, Environment, Science and Technology, History of Early Deccan and Heritage Studies
4. **Dr. Vinaya PN,** Visiting Fellow, BAMS, M.A. (Sanskrit), Ph.D. (University of Hyderabad)
   Ayurveda, Darshanas, Indian Traditional Knowledge

Entrance Examination specific information for Ph.D:
Part A:- 35 marks objective questions related to Research Methodology.

Part B:- 15 marks. Short answer Questions and essay type questions for 20 marks related to the subject concerned.

In addition, there is an Interview for 30 marks for shortlisted candidates.

Eligibility criteria of programs of study::
a) Master's Degree in Sanskrit or equivalent / Natural Language Processing with at least 55% marks
   OR
b) B.A.M.S. with at least 55% marks

Any other information:

A bridge course would be offered to the students with little exposure to Sanskrit literature.
The Placement Cell helps the students to get Career Opportunities.

CENTRE FOR ENGLISH LANGUAGE STUDIES

The Centre for English Language Studies is a one-of-its kind Centre in India which caters to a diverse group of students across disciplines and is a research and resource centre for language studies. The Centre offers M.A and Ph.D. programs in English Language Studies. Besides English language education, aspects of language studies such as discourse studies, academic and research writing, genre analysis, multimodal communication in different professional contexts, and history of English in India are some focal areas. This is the only language Centre in the country that offers a full course on the History of English in India. The Centre also has a small and unique archive of material on the history of English language education in India.

The Centre is also engaged in the teaching of English at the Centre for Integrated Studies for Integrated Masters students, besides offering need-based courses on Academic Writing, Communication Skills and Technical Writing to students at the postgraduate and research levels.

The research interests of the faculty at the Centre span several areas of language studies and aspects of pedagogy. The faculty of the Centre publish in areas pertaining to their research interests and are part of ongoing research projects.

Programs of study

M.A. in English Language Studies

The MA program covers a wide range of areas in the field of English Language studies. It has courses drawn from Linguistics, English Language Teaching, Sociolinguistics, Pedagogy, etc. The program extends over four semesters and has a minimum of 70 credits. Apart from the core courses, the program has elective courses which are offered in the third and fourth semesters. The electives offered enable the students to specialize in specific domains like language teaching, corporate communication, technical writing, editing, etc. Students are encouraged to opt for courses outside the Centre as well.

Ph.D (English Language Studies)

The Ph.D. program normally extends over a minimum period of two years from the date of admission. The program comprises mandatory course work of 14 credits spread over the first and second semester. Scholars are required to write a thesis on an approved topic under the supervision of a faculty member. The thesis is examined by internal and external examiners and is followed by a viva-voce examination. During the period of research, scholars are required to give seminars on their "work-in-progress" every semester and publish a couple of papers in peer-reviewed journals in the field.

Entrance Examination

Ph.D (English Language Studies)
Written Examination: 70 Marks. The Ph.D Entrance Examination will be in two parts:
Part A: 35 marks; Multiple-choice questions on Research Methodology. It will test the following:

Basics of research such as research processes, types of research, research design, variables, measurement and scaling techniques, sampling and data collection methods, data processing and data analysis and research report writing.
Part B: 35 marks; Questions on the subject concerned i.e., English language education and English Linguistics.
This will consist of two sections: Multiple choice questions for 20 marks and an essay question for 15 marks.
In addition, there will be an Interview for 30 marks for shortlisted candidates.

Break-up of marks for Ph.D. interviews:
Research Proposal-5
Interview performance-20
JRF, M.Phil. -5

Note: There will be no admission to Ph.D. in English Language Studies for the academic year 2023-24.

Faculty

The Centre has 2 Professors, 2 Associate Professors and 2 Assistant Professors.
Professors:
Pingali Sailaja, Ph.D. (CIEFL, Hyderabad). Phonetics, Phonology, Morphology, Sociolinguistics, World Englishes, Indian English, English Language Education, Language Assessment, English in India: Historical, Educational and Linguistic aspects. (**Head of the Centre**)

Sunita Mishra, Ph.D. (CIEFL, Hyderabad). Areas of Study: Politics of English Language Education, Sociolinguistics, Discourse Studies, Critical Pedagogy, History of English Language Teaching in India, especially Odisha, and Indian Philosophy of Language.

Associate Professors:

Shree Deepa, Ph.D (Osmania University, Hyderabad), MA English (Osmania University), M.Ed (Bharathidasan University), PGDTE (CIEFL, Hyderabad), BSc (Microbiology, Botany, Chemistry- Osmania University).
Certificates in a) *Integrating the Internet into the Classroom (30 professional development hours)* Lewis and Clark College; b) *Teaching English to Young Learners*, University of Maryland, Baltimore County; c) *Critical Thinking for the EFL Curriculum*, University of Oregon, American English Institute; (a,b,c Sponsored by RELO and US Consulate); d) PGCTE (CIEFL, Hyderabad).

Current areas of Interest/Study/expertise/publication: Inclusivity, Equity, Pedagogy, Anthrogogy, Higher Education Spaces, Indian Philosophy and Language Teaching/ education, New theories of language, Language assessment, testing and evaluation, teacher development, materials development, language potentiality and constructive language use. She is currently working on an IOE project titled "***Indian Research*** *Methodology* ***(IRM)*** *from Sanskrit Texts:* ***Multidisciplinary Applications*** *in Higher* ***Education*** *Spaces"* with Prof Prasad, Head, Department of Sanskrit Studies.

Jyothi Hymavathi Devi, M.Phil Translation Studies (University of Hyderabad).

Areas of Study/Interest: English Language Teaching, Translation Studies, Research Methods, Morphology, Academic Writing, Psychology of Language Learning.

Assistant Professors

Jasti Appa Swami, Ph.D. (Osmania). Areas of Study: Academic Writing, Discourse Analysis, Genre Pedagogy, English for Specific Purposes (ESP), Systemic Functional Linguistics (SFL), L2 Reading-Writing Connections, and Written Feedback Practices.

Joy Anuradha, Ph.D. (CIEFL, Hyderabad). Areas of Study: Cognitive Linguistics, Systemic Functional Linguistics, Psycholinguistics, English Language Education, and Technical Communication.

CENTRE FOR DALIT & ADIVASI STUDIES AND TRANSLATION

The Centre was established in June 2011 with the aim to prepare an atmosphere of National Integrity and emotional binding with the marginalized communities, mainly the Dalits & Adivasis through teaching of language and literature, its research and its translation into Hindi. The translation of literary texts from Indian languages into Hindi and further studies and the research based on them would be giving Hindi an opportunity to fulfil its role as the National Language and the link Language of our country in its true sense.

The Centre gives emphasis on teaching and research and translation of the Dalit and the Adivasi languages and literature, parallelly. Hence, the objective of the Centre is to collect the oral traditions (memory bank) & performance, arts, paintings and handicrafts of the Dalit & Adivasi culture and life style. There will be field work also. The Centre offers Ph.D. program in Hindi medium.

Programs of Study

Ph.D. Program

The Ph.D. program normally extends over a minimum period of two years from the date of admission. In the first two semesters the candidate will be offered four courses with 04 credits each, the fourth course being a practical course. After completion of the First semester, the student will be required to write a thesis on an approved topic in the areas of Dalit & Adivasi Studies under the guidance of a faculty member. After submission of the thesis the candidate has to attend an Oral examination.

Entrance Examinations:

Ph.D.

The question paper for Ph.D. Courses shall consist of 70 marks in two sections, as per the UGC Regulations 2016. Part A – 35 marks will be on Research Methodology and broadly will be as follows:

Research Methodology*: "*The process used to collect information and data for the purpose of making decisions. The methodology may include publication research, interviews, surveys and other research techniques, and could include both present and historical information". Besides including Quantitative methods, Data interpretation, Aptitude and Logical Reasoning.

This part of the Entrance Test be in the lines of Paper-I/Part-I of the UGC-CBSECSIR JRF exam.

Part B: 35 marks will be on subject concerned.

The Written Test comprises of objective questions on the History of Hindi language and Literature, Indian Dalit & Adivasi Literature and Translation and descriptive questions on proposed area of research and Indian Dalit & Adivasi Literature and Translation.
In addition, there is an Interview for 30 marks for shortlisted candidates.

Note: There will be no admissions for Ph.D. during the academic year 2023-24.
Faculty

Prof. Vishnu R Sarwade (Head of the Centre)

CENTRE FOR BUDDHIST STUDIES

Centre for Buddhist Studies, established on August 8, 2009 is an exemplification of the University's magnanimous vision that affirms the *raison d'ètre* for its creation and affirms the specific requirements of the subject with its interdisciplinary and highly technical and specialized character that demands greater attention and autonomy for its growth. The Centre is first of its kind not only in South India but in the entire country for its objectives to conform to all international standards in Buddhist researches and teachings with focus on Original Buddhism based on the primary sources in Pali. The Centre had also received a grant from UGC under the Epoch Making Social Thinkers of India Project.

As there are no permanent faculty members in the Centre, it has been decided that there will be no admissions in the Ph.D. program during 2023-24.

Prof. V. Krishna, Professor, Department of Hindi & Dean, School of Humanities is the Head of the Centre.

CENTRE FOR ENDANGERED LANGUAGES & MOTHER TONGUE STUDIES (CEL&MTS)

Head: Prof. Pammi Pavan Kumar.

The Centre for Endangered Languages and Mother Tongue Studies (CEL&MTS) was established in the year 2010 for research and documentation of endangered languages spoken in India. It is the first Centre of its kind in a University set-up in our country.

Courses Offered: The Centre is the first one to offer Ph. D. program in Language Endangerment Studies in this country, and two students have completed their Ph. D. research in this area. As there are no permanent faculty members in the Centre, it has been decided that there will be no admissions in the Ph.D. program during 2023-24.

Faculty: There are no permanent faculty members in the Centre. Prof. Pammi Pavan Kumar from the Department of Telugu is the Head of the Centre.

SCHOOL OF SOCIAL SCIENCES

The School of Social Sciences comprises the following Departments and Centres.
S
Departments

1. Department of History
2. Department of Political Science
3. Department of Sociology
4. Department of Anthropology

5. Department of Education and Education Technology

Centres

1. Centre for Regional Studies
2. Centre for Folk Culture Studies
3. Centre for Study of Social Exclusion and Inclusive Policy
4. Centre for Study of Indian Diaspora
5. Centre for Knowledge, Culture and Innovation Studies
6. Centre for Human Rights
7. Centre for Ambedkar Studies
8. Centre for Women's Studies

All the Departments (Anthropology History, Political Science and Sociology) have been recognised by the University Grants Commission for the Special Assistance Program and the Dept. of Political Science as the Centre for Advanced Studies.

An Archival Cell with the support of the UGC is functioning under the auspices of the Department of History for preservation of rare and valuable manuscripts. The Department of Anthropology has developed a Museum as teaching aid for the students. The Centre for Folk Culture Studies has an Audio Visual Archival containing the Centre's field work, documenting films etc., The Centre for the Study of Indian Diaspora has a special library consisting of historical material (diasporic literature) collected from different parts of India. All the Departments are equipped with internet facilities.

From the Academic Year 2007-2008 the School of Sciences has started 5-Years Integrated Program in Social Sciences leading to Masters Degree in History, Political Science, Sociology and Anthropology. For the first three years the students admitted to the program do courses offered by various departments in the School and other Schools in the University conducted at the College for Integrated Studies At the end of three years, students are transferred to their parent departments namely, Departments of History, Political Science, Sociology and Anthropology.

From the Academic Year 2020-21, the School of Social Sciences under the Department of Education and Education Technology (DEET) is offering M.Ed. Program.

Prof. Y.A. Sudhakar Reddy, Head, Centre for Folk Culture Studies is the **Dean of the School.**

DEPARTMENT OF HISTORY

The Department of History offers courses leading to M.A., Ph.D. degrees It also offers 10 courses in history for the first three years of IMA (5-year integrated) program in Social Sciences. Its teaching program is designed to provide students with a broad overview of world history narrowing down to focus on the history of India with special emphasis on socio-economic history, science & technology, environment and cultural history.

There is a two-fold aim of all research activities in the Department: a) Widening the database in its studies of local and regional history, and b) introducing an interdisciplinary approach to understand the underlying social and economic realities of the history of India through the ages. The Department has also been involved in guiding research on North- East India, science & technology, environment, medicine, economic history, maritime history, women's history, Indian national movement, peasant and tribal movements, cultural history, and contemporary history.

Infrastructure

Under the support from the Special Assistance Program of the UGC, the Department has been able to purchase a large number of books on most of the recent writings on history.

Under the UGC Program of Universities with Potential for Excellence (UPE) the Department strengthened its infrastructural facilities. It has also been able to support the subscription of several foreign and Indian journals in the discipline of History. The Archival Cell in the Department contains several private papers of individuals who participated in the freedom movement. The Department has an archaeological museum containing antiquities representing artifacts from stone ages to late medieval period.

The Department of History has a Computer Laboratory with 3 computers.

Programs of Study

MA (History)

This is a two-year program consisting of 16 courses spread over four semesters, with four courses per semester. The main thrust of the first two semesters is to equip students in certain core compulsory courses in both Indian and non-Indian history. These are designed to be comprehensive and to introduce students into the various interpretative dimensions of understanding the history of human civilization with a focus on India. During semesters III and IV a wide range of special courses are offered as optionals by the Department, thus providing an opportunity for students to specialize in specific areas of Indian history. Students also have an opportunity to do at least two courses outside the Department during their third and fourth semesters with the aim to encourage interdisciplinary studies. The Students securing an overall CGPA of 7.5 in the first two semesters would be allowed to do a dissertation of 12000 words in the IV semester. Dissertation is purely optional and will be in lieu of a standard 4-credit course.

Ph.D (History)
The Ph.D program is mainly a research program. Those students admitted directly without M.Phil degree are required to do the course work and pass the examinations conducted by the Department. Students undertake research on an approved topic under the guidance of a faculty member.

Entrance Examination

Admission to 5-Year Integrated PG/PG courses are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

Ph.D. (History)
The question paper of Ph.D. Courses shall consist of 70 marks in two sections. Part A will be on Research Methodology and Part B will be on subject concerned (consists of questions on Indian History). The pattern of exam would be in essay form.

There is an Interview for 30 marks for shortlisted candidates. The break-up of 30 marks would be as follows: 15 marks for interview performance, 10 marks for proposal and 5 marks for MPhil awarded/submitted/JRF (UGC/ICHR/ICSSR).

Faculty

Professors

Sanjay Subodh: Ph.D. (Chandigarh) – Medieval Indian Historiography, Science and Technology, Medieval Archaeology (Director, College for Integrated Studies).

Bhangya Bhukya: Ph.D. (Warwick, UK) - Modern Indian History. His research interests are community histories, the effects of power/knowledge, governmentality and dominance, the

state and Nationalism, intellectual histories of subaltern communities, identity politics by forest and hill people in the nineteenth and twentieth century.

Anindita Mukhopadhyay: Ph.D. (London) - Modern Indian History, Modern Western Ideas and their impact, Law and Society, Society and Culture. (**Head of the Department**)

Suchandra Ghosh: Ph.D. (University of Calcutta, India) - She specializes in Early Indian History, with a focus on Epigraphy and Numismatics. She broadly takes interest in Politico-Cultural History of North-West India, Early India's linkages with Early Southeast Asia, Indian Ocean Buddhist and Trade Network and history of the Everyday Life.

Sujith Kumar Parayil: Ph.D. (Manipal University) – Modern Indian History, Cultural History, Visual Histories, Media and Cultutal Studies

Associate Professors
Y Swarupa R Shankar: Ph.D. (Hyderabad)- Modern Indian History, Social and Cultural History of South India, Women's History, Historiography.

B Eswara Rao: Ph.D (IIT Madras)- History of science, Technology and Medicine, Environmental History.

V Rajagopal: Ph.D. (Wisconsin) – Modern Indian History, Social History, History of South India.

V J Varghese: Ph.D. (Hyderabad) - Modern Indian History, Modern Kerala, Making of Modern Subjectivities, Regional Modernities, Transnational Migrations.

Assistant Professors
M N Rajesh: Ph.D. (JNU, Delhi) - Medieval Indian History, Socio- Religious Movements and Polity in South India and the Deccan, Tibetan History and Culture.

Vijaya Ramadas M: Ph.D. (Manchester)- Modern Indian History, Environmental History.

DEPARTMENT OF POLITICAL SCIENCE

The Department of Political Science, started in 1979, currently has 17 faculty members and about 202 students. Recognized by the UGC as a Centre for Advanced Studies, the Department has completed the first phase of the program, with "Democracy, Development and Autonomy: India in a Globalising World" as the thrust area.

Programs of Study

MA (Political Science)

The MA program in Political Science consists of 16 courses (8 core courses and 8 optional courses) spread evenly over 4 semesters. Each course carries 4 credits. In addition, students must complete 2 Foundation Courses (3 credits each), in the first two semesters. In formulating the program, the Department is guided by the consideration that at the postgraduate level, students should be familiar with all the sub-disciplines, trends, approaches, and paradigms of Political Science. With this in view, the Department offers core courses on Political Thought, Comparative Politics, International Relations, Indian Political Process, Public Administration and Public Policy. These courses attempt to acquaint students with the latest theoretical and political trends. After completing 8 core courses in the first two semesters, students are required to choose 8 optional courses, 4 each in the third and fourth semesters, in frontier areas such as Dalit Politics, Women's Movements,

Governance, Policy Studies, Indian Political Thought, India's Foreign Policy and Globalization, and Northeast India studies. Students can also opt for 2 courses offered by other departments as optional in the second year. The Foundation Courses are designed to enhance skill sets in general.

PhD (Political Science)

The duration of the PhD program is according to the UGC Regulations, 2016. Students are required to write a thesis on a topic approved by the Department. Students will work with their supervisors and doctoral research committees in researching and writing the thesis. In each semester, they must secure a satisfactory report from the doctoral committee in order to be able to register. They will be required to present and defend their research proposals in a seminar organized by the Department. Doctoral students are encouraged to present their work-in-progress at least once during their tenure in the Department. All PhD students are required to defend their theses in a pre-submission seminar and viva-voce. Students who do not have an MPhil degree with coursework on research methodology and academic writing will have to do the course work, and an individual course with their supervisor, as part of their PhD program.

Entrance Examination

Admission to 5-Year Integrated PG/PG courses are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

PhD

The question paper of PhD consists of 70 multiple choice questions (1 mark each) that test the general knowledge about politics, subject specific knowledge, familiarity with research methodology and the passage comprehension abilities of a candidate.

The questions are based on the syllabus of MA (Political Science) as taught in universities/colleges across India, with the following sub-fields:

Indian Government and Politics: Indian constitution, institutions and structures of governance, federalism, parties and party system, elections, civil society, social and political movements

Political Theory and Thought (Western and Indian): Major Western Political Thinkers from Plato to Marx and Mill, Twentieth century developments in Political Theory, Political Concepts, Political Ideologies, Ancient Indian Political Thought: Texts and Concepts, Modern Indian Political Thought: Thinkers, Concepts and Isms.

Comparative Politics: Political Institutions, Regimes, Systems and Isms, Rights and Social Movements, Major Issues and events within countries, Concepts for understanding political processes.

Public Policy/Public Administration: Meaning, Principles, Origin as a discipline, Approaches to study Public Policy/Public Administration, Types of policies, Formal and informal institutions and structures, Techniques of policy decisions.

International Relations: Theories in International Relations, Events and Issues in World Politics (Historical and Contemporary), International Organizations, State and Non-State Actors, International Law, Processes in International Relations (pertaining to security, economic, diplomatic, cultural and non-traditional arenas), Foreign Policies and International Approaches of States and Regions.

The above mentioned sub-fields also include Research Methodology (approaches, theories, concepts, analysis, techniques etc) as pertaining to research within the sub-field.

The **Ph.D.** question paper will consist of Part A and B.
Part A – The questions will cover research methodology. Research methodology would broadly comprise theory and concepts, approaches and techniques of empirical analysis including interviews, surveys and other research techniques, and could include both present and historical information. It would include Quantitative and Qualitative methods, Data interpretation, Aptitude and Logical Reasoning.

Part B –The questions will cover subject specific knowledge as mentioned in the sub-fields above.

The candidate must answer in the OMR sheet.

Candidates shortlisted in the qualifying exam will be called for an interview. The interview is to assess the knowledge of students in their areas of research interest, based on their research proposals, which must be submitted to the interview board at the time of the interview. The topic of research, hypotheses/research questions, goals or objectives of the study, statement of the problem and methods should be clearly written in the proposal. This is an essential requirement to interview the candidates for the selection. **Candidates will not be interviewed if they do not have a research proposal.** Candidates are advised to bring proof of additional qualifications such as JRF/M.PHIL/NET certificates and publications if any.

While the interview focuses on the research proposal and subject knowledge, some weightage is given for fellowships/M.Phil etc. Once admitted, students may be asked to modify or adapt their research proposals according to the supervisory expertise available in the Department.

Faculty

Professors

Arun Kumar Patnaik, Ph.D. (JNU) – Political Theory, Political Economy of Development.

Jyotirmaya Sharma, M.A. (Hull) – Political Philosophy/Theory, Indian Political Thought

Sanjay Palshikar, Ph.D. (Poona) - Political Theory, Indian Political Thought

Vasanthi Srinivasan, Ph.D. (Ottawa) – Political Philosophy, Comparative Politics, Indian Political Ideas

Manjari Katju, Ph.D. (London) – Indian Political Process, Politics of Hindu Nationalism, State Institutions

Kham Khan Suan Hausing, Ph.D. (JNU) Federalism, Nationalism, Ethnic Conflict, Indian Political Process, Northeast India. (**Head of Department**)

R. Ramdas, Ph.D. (JNU) – Indian Political Process, Tribal Development, Comparative Politics.

K. K. Kailash, Ph.D. (JNU) – Indian Political Process, Party Politics.

Venkatesu. E., Ph.D. (Hyderabad) – Democratic Decentralization and Governance, Public Policy, Backward Class Politics, Election Studies and Political Process in India.

Associate Professors

K.Y. Ratnam, Ph.D. (JNU) – Indian Political Process, Dalit Politics in India, Democratic Process in Andhra Pradesh (on leave).

Biju. B. L., Ph.D. (Kerala) – Political Theory, Indian Political Process, Politics of Globalization, Society and Politics in Kerala.

Assistant Professors

Shaji. S., Ph.D. (Hyderabad) – International Relations, Foreign Policy of India, Foreign Policies of Developing States, Transfer of Technology and International Politics.

Aparna Devare, Ph.D. (American University, Washington D.C.) - Comparative Politics, Historiography, Indian Politics, International Relations Theory, Post- colonial Theory, World Politics.

D. Veera Babu, Ph.D (Osmania)—Public Policy.

Bhim Bahadur Subba, Ph.D (DU) – Comparative Politics, International Relations, Chinese Studies.

Sneha Banerjee, Ph.D (JNU)-- Gender Studies, International Politics, Politics of Globalisation, Comparative Politics

Anagha Ingole – Ph.D. (JNU) – International Relations, Political Thought, Religion and Caste in Indian Politics.

DEPARTMENT OF SOCIOLOGY

The Department, constituted in the year 1979, has grown over the years to be one of the important centres of sociology teaching and research in the country. While emphasizing topics and themes central to the discipline, the Department's teaching and research activities have been oriented towards contemporary questions that have both basic and applied dimensions. The academic activities of the Department have a unique disciplinary and interdisciplinary orientation, designed to guide and support student development as independent learners as well as to inspire them to critically engage with policies, issues, and social action. While the department's prime focus is teaching, research is as much its strength. The learning ambience of the department is both informal and rigorous, being geared towards promoting a critical spirit of inquiry among students. The structure and content of our courses are meant to give a grounding that not only prepares students for future studies in sociology/social science, but also offers the benefits of learning to work in a constructive way in other areas of life.

Programs of Study

Two programs of study are offered leading to the **M.A. and Ph.D**. degrees in Sociology. The Department also participates in the Five-Year Integrated Master's Program in Social Sciences by offering a variety of courses at the Centre for Integrated Studies.

The M.A**.** Program in Sociology is a four-semester program spread over two years, and consists of ten compulsory courses and six optional courses. Both the compulsory and optional courses are of four credits each. Students are allowed to take up to three of the six optional courses from other departments, subject to the permission of the Head of the Department.

The Compulsory Courses for **M.A.** are the following: Classical Sociological Theory; Research Methods I - Survey Research and Basic Statistics; Society in India: Approaches; Society in India: Contemporary Issues; Knowing the Social World; Modern Sociological Theory; Research Methods II - Qualitative Research Methods; Social Stratification; Sociology of Development; and Political Sociology.

Some of the following Optional Courses for M.A. are: Sociology of Gender; Rural Society and Agrarian Change; Law, State and Society; People, Nation and State; Industrial Relations and Contemporary Capitalism; Urban Sociology; Science, Culture and Society; Technology, Culture and Society; Sociology of Organizations; Environmental Sociology; Sociology of Culture; Social Movements; Decentralized Governance and Development; Society and Sexuality, Sociology of Health, Sickness and Healing; Sociology of Education; Ethics and Society; Debating Ethnicity and Race; Sociology of Business, Industry and Labour; Indian Diaspora, Sociology of Backward Classes, and Sociology of Communication, Sociology of Dalits, Sociology of Wars, Violence and Reconciliation, Colonized Societies and Post-Colonial Predicaments. The Department will announce which of these optional courses will be offered every semester. The contents of most of these courses are available on the University Website.

The **Ph.D.** Program is a full- time research program covering a minimum of two years. Those Ph.D. students who have not done M.Phil. coursework will have to do the coursework in Sociological Theories, Research Methodology, Academic Writing and one Optional Course in the broad area of research in which the dissertation is planned. The examination pattern of Ph.D. course includes thesis evaluation and an open house Viva Voce examination. The progress of the research candidate is monitored by a Doctoral Committee convened and authorized by the respective supervisors. The entrance examination will be held in English.

Entrance Examination

Admission into the **Ph.D.** program is based on the performance of the candidates in the written test and interview. The candidates seeking admission to the Ph.D. program must submit their **research proposal** bringing out specific theoretical and methodological approaches to be employed **along with the application**.

Written test will be partly based on objective type OMR questions and partly on substantive writing.

Written test examines candidate’s knowledge of Sociological Theory, Research Methods, and other core courses in Sociology. The qualifying marks in the written test are 50%.

Interview will be conducted in the Department of Sociology, University of Hyderabad. The qualified candidates will have to appear personally in the interview and answer questions on theory, methodology and area of research interest mentioned in the research proposal. Candidates appearing for the Interview must **bring multiple copies of their research proposal for sharing during the Interview**.

Syllabus for the Ph.D. entrance exam includes, but not limited to, the following courses:

Sociological Theory – Classical and Modern
Research Methods- Qualitative and Quantitative

Indian Society- Approaches and Contemporary issues
Social Stratification
Sociology of Development
Political Sociology

Professors

Sasheej Hegde, Ph.D. (Bangalore) – Philosophy of Social Science, Social and Political Theory, Law and Ethics, and Indian Sociology/Historiography.

Aparna Rayaprol, Ph.D. (University of Pittsburgh) – Sociology of Gender, Indian Diaspora, Urban Sociology, and Qualitative Research Methods.

N. Purendra Prasad, Ph.D. (Hyderabad) – Agrarian Studies, Sociological Theory, Political Economy of Development and Health, Urban Studies

C. Raghava Reddy, Ph.D. (Hyderabad) – Science and Technology Studies, Sociology of Disability, and Sociology of Organisations (**Head of the Department**).

Nagaraju Gundimeda, Ph.D. (Hyderabad) – Sociology of Education, and Information Technology and Society.

Pushpesh Kumar, Ph.D. (Jamia Millia Islamia) – Sociology of Gender and Sexuality, & Globalisation and Social Change.

Tanweer Fazal, Ph.D. (JNU) - Sociology of Nationalism & Minority Studies, Historical Sociology, Peace and Conflict Studies, Sociology of Wars, Violence and Reconciliation

L. Lam Khan Piang, Ph.D. (JNU) - Ethnicity, Identity, nation and nationalism, tribal studies, border studies, health system research, and Quantitative Techniques

Satyapriya Rout, Ph.D. (Mysore) – Sociology of Environment, Natural Resource Management and Development, and Decentralized Governance.

Associate Professors

V. Janardhan, Ph.D. (Hyderabad) – Sociology of Industrial Relations, Corporate Business and Society, Sociology of Culture, Sociological Theory, Marxism and Capitalism, and Ethics and Society.

Anurekha Chari Wagh, (Pune) - Sociology of Gender, Development studies, Agrarian studies, Citizenship lights and Teaching and Pedagogy

Assistant Professors

N. Annavaram, M.Phil. (JNU) – Indian Sociology and Classical Sociological Thought.

Hoineilhing Sitlhou, Ph.D. (JNU) – Religion, Culture and Ethnicity Studies.

Nagalakshmi Chelluri, Ph.D. (Hyderabad) – Sociology of Organisations, Sociology of Science and Technology.

R. Thirunavukkarasu, Ph.D**. (**JNU**) –** Political and Historical Sociology, Social Movements, Ethnicity, Nation and Nationalism.

Asima Jena, Ph.D. (Hyderabad) - Sexuality Studies, Sociology of Health, Sociology of Gender.

DEPARTMENT OF ANTHROPOLOGY

The Department of Anthropology began functioning from the academic year 1988-89. Over the years the department has earned the reputation of being one of the best Departments in the country particularly for the faculty publications, extra mural research grants and academic outreach, besides the number of students qualifying in the National Eligibility Test (NET) and for research fellowships by UGC, ICMR, ICSSR and other institutions. The UGC has awarded Special Assistance Program (SAP) first in the year 2011-12 and subsequently the UGC-DRS (Departmental Research Support)- phase II. The Department imparts training in theoretical and applied research in Anthropology, which equips students to meet the academic challenges in urban/rural/tribal field studies. Besides studying ethnographic diversity, the Department is oriented towards application of Anthropological knowledge to the understanding of social problems and development issues. Practical training is imparted in Physical and Archaeological Anthropology courses through the small museum developed by the department. The museum houses archaeological artefacts and cultural materials for research and learning.

Programs of study:

The Department offers Master of Arts (**M.A.)** program in Anthropology besides participating in the five-year Integrated Social Sciences (**IMA)** program coordinated by the Centre for Integrated Studies (CIS), University of Hyderabad. The **M.A.** program is of two-year duration that covers different courses under the pattern of Choice Based Credit System (CBCS) as per University Grants Commission (UGC) norms. The total credit requirement for M.A is 70 credits of which 6 credits are towards Foundation Courses, 44 credits for Core Courses and 20 credits are for Electives. The credits under Electives can be earned by choosing any 5 courses of 4 credits each out of the 12 different courses that the Department may offer during the 3rd and 4th semesters of M.A program. The 'Departmental Electives' are Development Anthropology, Ecological Anthropology, Medical Anthropology, Peasant Society, Economic Anthropology, Anthropology of Food, Anthropology of Communication, Anthropological Linguistics, Natural Resource Management and Livelihood Systems, Kinship and Marriage, Anthropology of Religion, Business Anthropology, Urban Anthropology, Anthropology of Public Policy and Environmental Anthropology. The students can also select elective courses from other Departments during 3rd and 4th semesters of the M.A. program. The students can however opt to do some 'Extra courses' and/or 'Audited courses'.

A mandatory component of the M.A program is ethnographic fieldwork. A students admitted to the program should submit a research dissertation based on fieldwork, by the end of the 4th semester to complete the course. The month long fieldwork is assisted by the Department faculty at the end of the 3rd semester and the topics in consultation with the faculty.

The **Ph.D.** program offered by the Department is a full-fledged research program on an approved research topic for a minimum period of two years. Students admitted to the Ph.D. program are required to do the course work prescribed by the department within the time prescribed by the University. The course work comprises of Advanced Theories in Anthropology, Advanced Research Methods and individual research focus. The maximum period allowed for completion of the Ph.D. program is five years. However, the Research advisory committees appointed for each student admitted for Ph.D. program will evaluate the progress of the work periodically and will recommend for semester registration only if the progress of the candidate is found to be satisfactory. The research students are expected

to participate in all the seminars and department activities organized by the department as part of the research progress of the research scholar.t.

Faculty

Professors

P. Venkata Rao, Ph.D. (Andhra) Anthropology of Development, Economic Anthropology, Tribal Studies, Complex Societies, and Ageing. **(Retd., On Extension)**

B.V. Sharma, Ph.D. (Hyderabad) Medical Anthropology; Anthropology of Education; Community participation in Development. **(Head of the Department).**

M. Romesh Singh, Ph.D. (Hyderabad) Business Anthropology; Urban Anthropology, Anthropology of Development, and Tribal Development Studies.

Associate Professors

George Tharakan C, Ph.D. (Hyderabad) Kinship Studies, Theories of Culture, Indian Society, Anthropology of Food.

Assistant Professors

Shaik Abdul Munaf, M.Sc. (SVU) Archaeological Anthropology, Ethnoarchaeology, Indian Prehistory.

Apparao Thamminaina Ph.D. (Hyderabad). Ethnicity and Identity, Development, Globalization, Anthropology of Policy, Anthropological Theory, Urban Governance.

Alok K. Pandey, Ph.D. (Hyderabad) Environment and Development, Livelihoods, Pastoral and Nomadic Communities, Biodiversity Conservation, Mountain Regions.

Admission Process:

Admissions to the **M.A.** and the **I.M.A** programs will be based on the Central University Common Entrance Test (CUET) conducted by National Testing Agency.

Candidates for **Ph.D.** program will be selected on the basis of performance in the written test and an interview (30 marks) conducted by the University. The short-listed candidates will be interviewed by the Department. The questions will be in Social/Cultural Anthropology in the areas of: a) Anthropological Theories b) Research Methods (Quantitative and Qualitative) c) Indian Society d) Applied Anthropology and e) Tribal Ethnography/Indian Anthropologists.

Evaluation criteria for Ph.D. interview is given below:

DEPARTMENT OF EDUCATION AND EDUCATION TECHNOLOGY

Brief information

The Department of Education and Education Technology strives to incorporate all elements of Educational Studies, from knowledge production to the preparation of teachers and teacher

educators, to help improve the quality of school and higher education in the country. The department attempts to bridge the gap between the pedagogy and curriculum and the school and higher education institutions.

The department focuses on different areas relating to Curriculum and Pedagogical Studies, Teacher Education, Philosophy of education, Psychology of Education, Sociology of Education, History of Education, etc. The department also attempts to undertake Inservice Training of Teachers. The department will undertake research in the area of education taking into consideration the learners' perspective and use of technology in reaching education to all sections of the society.

The thrust areas of the faculty members broadly relate to Cognitive domain, Science education, Mathematics Education, Value education, Environmental education, Education technology, Social Science education, Educational Psychology, Constructivism, Curriculum Studies, Child rights in Education, Sociology of Education, Early Childhood Education, Demography of schooling, etc.

The Department offers Two-Year M.Ed. program with an intake of 50 (Fifty) students and Ph.D. program with an intake of **02** students for the academic year 2023-2024.

M.Ed is a broad based program of study spread over 4 semesters that includes theory, practice, research, policy and planning in education. It aims to prepare the students with good understanding of education, capabilities for action and deep social commitment. M.Ed. is basically a professional program which focuses on basic knowledge of theory and practice of educational thought and processes accumulated around the discipline of education. It encompasses a series of basic subjects which are designed in a way to cover basics of all the areas of education concern and many advanced courses in the areas demanding specialization on one or the other kind followed by Education Technology, Early Childhood Care and Education etc.

Programs of Study

A. M.Ed (Master of Education)

M.Ed is a broad based program of study spread over 4 semesters that includes theory, practice, research, policy and planning in education. It aims to prepare the students with good understanding of education, capabilities for action and deep social commitment. M.Ed. is basically a professional program which focuses on basic knowledge of theory and practice of educational thought and processes accumulated around the discipline of education. It encompasses a series of basic subjects which are designed in a way to cover basics of all the areas of education concern and many advanced courses in the areas demanding specialization on one or the other kind followed by Education Technology, Early Childhood Care and Education etc. Apart from specialization there are inter-disciplinary electives offered to the students of the department and other departments under CBCS.

T: Theory credits	**P: Practicum credits**
Core – 12 (Perspective Course, Tool courses & Teacher Education Courses)	Field Engagement - 16 (given at the end of each course)
Specialization - 1	Internship # - 4
Closed Electives - 2	Dissertation* - 8
Open Elective – 1	Total Credits for Practicum = 28
Total Credits for Theory = 64	

* Department shall offer a course on Dissertation with 2 credits in II semester and III semester followed by 4 credit courses on dissertation in IV semester. The students shall have to complete the dissertation before the IV semester.
# The internship of 4 credits in two parts each is spread over two semesters. First part involves an attachment with a teacher education institution during I semester. The second part involves interns associating with a field site relevant to the area of specialization during the III semester. During the internship the students will be associated as interns in partner organization/schools/ teacher education institutions. The internship is a mentored component whereby a faculty and a member from the host institution/s (field mentor) together assess the field work of interns.

Note: The expenses to meet practicum will be borne by the students.

Curriculum Frame work (Total 92 Credits)

Ph.D (Education)

The department also offers Ph.D (Education) program. The program requires mandatory course work (16 Credits) to be completed in the first 2 semesters.

3. Faculty:

Professor

Dr.G. Bhuvaneswara Lakshmi, M.Sc(Botany), M.Ed, Ph.D- Science Education, Environmental Education, Value Education, Mathematics Education and Inclusive Education.

Dr.J.V.Madhusudan, MPS,M.Ed, CIG, M.Phil, Ph.D- Demography of Schooling, Health Education and Early Childhood Care and Education.

Assistant Professors

Dr.Talla Sumalini, M.Com,M.A(Lit),M.Ed, UGC-NET(Ed) Ph.D(Edn). - Curriculum Studies, Experiential Learning, Work Education and Child Rights in Education.

Dr.Ravula Krishnaiah, M.A,M.A(Phil), M.Ed, M.Phil, SET(Ed), Ph.D – Philosophy of Education, Sociology of Education, Constructivism, Politics and Education and Yoga Education.
Dr.Geetha Gopinath, M.A, M.Sc(Psy), M.Ed, UGC-NET(Ed), Ph.D – Environmental Education, Social Science Education and Educational Psychology.
Dr.A.S.Jalandharachari, M.Sc (Applied Math), M.Ed, UGC-NET(Ed), Ph.D – Mathematics Education and Education Technology.

4. Entrance Examination specific information:

Ph.D in Education

The question paper for entrance examination consists of 70 marks in two sections, i.e., Part A and Part B. Part A- 35 marks will be on research methodology, nature & scope of research methods related to literature, methods of educational research and statistics in educational research at Post graduate level. Part B-35 marks will be on subject concerned, i.e., in the areas of Teacher education, Philosophy of Education, Psychology of Education, Sociology of Education, Educational Technology, Educational Administration and Management at PG level. The entrance test is followed by an interview, which carries 30 Marks.

5. Eligibility criteria of Programs of study

5.1. M.Ed program

As per NCTE norms:

- B.Ed. at least 50% marks
- B.A.B.Ed., B.Sc.B.Ed., at least 50% marks
- B.El.Ed. at least 50% marks
- D.El.Ed with an undergraduate degree (with 50% marks in each)
- Reservations : As per GoI Norms

5.2 Ph.D in Education

- Master's in Education/Psychology/Philosophy/ Sociology/Social Anthropology/Adult and Continuing Education/ Population Studies/Social Work/Women Studies/ English with at least 55% marks or equivalent grade
- Reservations : As per GoI Norms

6. Intake for the courses offered

6.1	**M.Ed Program**	:	50 Seats
6.2	**Ph.D in Education**	:	07 Seats

CENTRE FOR REGIONAL STUDIES

The larger question(s) scholars at CRS ask is – where, how, why, and what social/ economic/ political processes over space/ region shape landscape mosaic? What makes the region a significant category in understanding society? CRS is modelled as an interdisciplinary centre in the School of Social Sciences, with the region as the scale of investigation. A region may be further divided into sub-regions, which allows for focusing on the particularities (or themes). The themes may include urbanisation, industrialisation, identity conflicts, marginalised regions and groups, migration, political complexity, cultural moorings, and environmental impact. While Regional Studies draw mainly from the discipline of

Geography, all social science disciplines are critical stakeholders in its conceptualisation and practice.

At CRS, students will familiarise themselves with a regional approach to examining socio-spatial transformations and begin synthesising ideas from different disciplines in the social sciences. The Centre's training to students is from a spatial perspective to offer a deeper understanding of differentiated social phenomena in their multi-dimensionality. We request that you join us in this inter/multidisciplinary research endeavour by not rejecting your parent discipline but trying to move beyond its set limits. Students from all social science disciplines/backgrounds may join CRS. We encourage students to work on any research question/s within the present thrust areas of the Centre: Development, Urban issues, Environment, Disasters, Migration, Borderlands, Violence, Collective Identities and Tribal/ Adivasi issues.

The CRS aims to conduct multidisciplinary research in India's Deccan and other regions. The envisaged research programs encompass ecological and environmental studies, regional historical processes, regional social structure, regional economics, and development studies. Given the multidisciplinary nature of research, the Centre promotes studies in geography, cultural anthropology, sociology, economics, political science, and the socioeconomic history of regions.

Programs of study
The Centre for Regional Studies offers a Ph.D. program in the broad areas of research outlined above.

Faculty
Professor
V. Srinivasa Rao, Ph.D. (Hyderabad) – Community Participation in Education, Politics of Tribal Development, Tribal Studies, Exclusion and Inclusion of Regions **(Head of the Centre)**.

Associate Professor
Arvind S. Susarla, Ph.D. (Clark, USA) – Geography of Hazards and Disasters, Environmental Studies, Communicating Risks.

Assistant Professor
Salah P, Ph.D. (JNU) Postdoc (Max Planck Institute, Germany) – Sociology of Violence, Region and Collective Identities, Migration and Borderlands, Marginalized Communities

Entrance Examination specific information
The entrance test (written) for admission to Ph.D. programs consists of two parts (Part-A and Part-B).

Part-A of the question paper consists of objective-type questions to test the aptitude of the candidates to pursue research in the Centre. Questions will be on Social Science Research Methodology, including quantitative methods, data interpretation, aptitude and logical reasoning.

Part-B consists of a single paper with essay questions drawn from the Social Sciences at the postgraduate level. Students are expected to demonstrate an understanding of multidisciplinary and/or regional studies in their answers.

Qualified candidates will have to appear in an Interview for 30 marks. Candidates have to bring a written research proposal for the interview and answer questions on theory, methodology and area of proposed research interest. Ph.D. candidates will be interviewed on

the general area of specialisation proposed in their research proposal. Coursework (four courses with 14 credits) is compulsory for all Ph.D. students joining the Centre.

Eligibility criteria of programs of study

Ph.D.
M.A. in any Social Science discipline OR M.Sc. in Geography / Disaster Management/ Environment Studies with at least 55% marks or equivalent grade in the subject.

Eligible candidates shall work in the identified thrust areas of research at the Centre, which include Development, Urban & Regional issues, Environment, Disasters, Education and Tribal Studies. **Coursework is compulsory for all students in Ph.D. in the Centre.**

Note: Candidates should have an M.A. degree in English medium only.

CENTRE FOR FOLK CULTURE STUDIES

The Centre for Folk Culture Studies is the first of its kind in the Central University system in India and was established with the assistance of the Ford Foundation, USA. The Centre's interdisciplinary and multi-perspectival approaches emphasize research and teaching in Folk Culture Studies in the milieu of contemporary ethnographic fieldwork. To decode and explain the folk expressive forms, the Centre is adopting a research strategy that combines the methodological procedures and theoretical approaches of both humanities and social sciences. The main objectives of the Centre are: to study diverse aspects of folk expressive behaviour as a dialogue between human groups and their physical and social environments; to analyse culture in relation to various aspects of human creativity such as Science, Technology, Art, Religion, Literature etc; to document and utilize folklore genres and folk lifestyles of various cultural landscapes in order to cognate the native knowledge systems for sustainable development.

Programs of study

Ph.D.

Entrance Examination specific information
The question paper of Ph.D. Shall consist of 70 marks in two sections, as per the UGC Regulations. The Part A is Objective Type similar to UGC NET Exam for 35 marks and the Part B is Descriptive Type related to the Subject for 35 marks. Both sections will have questions on Research Methodology.

In addition, 30 marks for Interview to shortlisted candidates.
(There is no vacant seats for Ph.D for the academic year 2023-24)

Eligibility criteria of programs of study
Master's degree with at least 55% marks in any of the subjects in Social Sciences, Humanities, Fine Arts, Performing Arts, and Communication.
Note: Medium of instruction and submission of thesis shall be in English only.

Syllabus for the courses offered by your School/ Department/Centre
All the 4 Pre Ph. D Courses are compulsory as course work which were already approved by the School Board.

Faculty
Professor

Y.A. Sudhakar Reddy, Ph.D. (I.I.T., Madras) – Folklore and Folk Culture Studies, Performance Studies, Hermeneutics, Narratalogy, Peasant Studies and Oral History. **(Head of the Centre)**

Associate Professor
Joly Puthussery, Ph.D. (Hyderabad) – Folk Theatre, Performance Theory, Public Performance and Discourse, Religion and Theatrical Practices, and Material Culture.

Assistant Professor
N. Naveen Kumar, M.S.W. (Bharathiar), M.A. (Annamalai) - Folklore and Community Development, Folklore and Globalisation, Ritual Studies, and Field Methodology.

Honorary Professor
P.S. Kanaka Durga, Ph.D. (Acharya Nagarjuna) - Folklife Studies, Folklore and Gender Studies, Religion and Mythology, Ethnohistory and Epigraphy.

CENTRE FOR THE STUDY OF SOCIAL EXCLUSION & INCLUSIVE POLICY (CSSEIP)

The Centre for the Study of Social Exclusion and Inclusive Policy was established in 2007. It is one of the few Centers set up in the country with UGC funding. The Centre has been set up for undertaking comprehensive studies and research into Social Exclusion as a complex and multidimensional concept, with social, cultural, political and economic ramifications. The Centre focuses on exploring the processes that produce Social Exclusion. The studies on historical processes of exclusion and the methodological aspects have been the mainstay of the Centre. This encompasses all forms of discrimination which operate in the covert and overt manner on the basis of caste, gender, ethnicity, religious and linguistics minorities, and other excluded groups such as the disabled. The Centre, through its research programs, strives to intervene in policy processes to mitigate the problems of social exclusion and help build the democratic processes. The Centre has the following objectives:-

a. To understand the dynamics of discrimination and exclusion.
b. To focus on a multidisciplinary and interdisciplinary approach to analyse the processes of exclusion.
c. To work on theoretical and empirical dimensions of exclusion.
d. To help with the critical inputs into the inclusive policy processes.

Programs of Study : Ph.D.

Eligibility criteria of programs of study

The question paper of Ph.D. course shall consist of 70 marks in two sections, as per the UGC Regulations 2016. Part A – 35 marks, will be on Research Methodology and broadly will be as follows:
Research Methodology: Data collection process; interviews, surveys, quantitative & qualitative methods, data interpretation; aptitude and logical reasoning. This part of Entrance test be on the lines of Paper-I/Part-I of the UGC/CBSE/CSIR JRF exam.
Part B: 35 marks, will be on subject concerned.

There will be an **Interview for 30 marks** for shortlisted candidates for Ph.D. program.

Faculty

Professor(s):

Ajailiu Niumai, Ph.D. (JNU), Post doc (University of Iowa, USA)- Gender, Non-Governmental Organizations (NGOs) and Development, North East India Studies, Indian Diaspora and Migration**. (Head of the Centre)**

Professor
Sreepati Ramudu, Ph.D. (Jamia Milia Islamia) - Dalit Studies, Caste, Public Policy, Child Labour and Social Movements.

Associate Professor
J. Rani Ratna Prabha, Ph.D. (Hyderabad) - Child Labour & Education, Health, Poverty, Gender and Economics of Exclusion.

CENTRE FOR THE STUDY OF INDIAN DIASPORA

The Centre for the Study of Indian Diaspora was established under the Area Studies Programme of the U.G.C. in 1996 to carry out interdisciplinary research on overseas Indians who today constitutes more than 30 million spread over hundred countries around the world. The Centre envisages research on the historical context of the Indian Diaspora, civilizational heritage of diasporic communities, continuities and transformation in culture, economy and political life, besides promoting communication and linkages between India and the Indian diaspora.

Objectives

The Centre through its special programme addresses the following issues in the study of Indian diaspora:

- The process of emigration, settlement and identity formation in host societies.
- Ethnicity of Indian diasporic communities in relation to the changing power structures, under which ethnic identity is an integrating or divisive force.
- Transnational networks and linkages between India and the Indian diaspora, and between diasporic communities.
- Indian diaspora in relation to the on-going struggles for identity at the national and global level, and in relation to increasing ethnic consciousness in India.
- Comparative studies of creative writings on the Indian diaspora by the Indian writers, diasporic Indian writers and non-Indian writers. Research into the new cultural forms of the Indian diaspora, including popular culture.
- Micro-level ethnographic studies on the Indian diaspora.
- Contributions of the Indian diaspora to the scientific, technological, administrative and industrial development in host societies.

Programme of study

The Centre offers interdisciplinary open elective courses on Indian Diaspora at the M.A. level besides Ph.D. program on Indian diaspora.

Eligible candidates willing to work on any aspects of research on Indian diaspora as mentioned in the objectives of the Centre.

Faculty

Professor Ajaya K. Sahoo, Ph.D. (Hyderabad) - International Migration, Indian Diaspora, Transnationalism, Sociology of Religion, and Social Movements (**Head of the Centre**)

Programme	Subject	Intake (2023-2024)	Minimum Qualifications for admission	Date and time of the written test	Date and time of Interview

Ph.D.	Indian Diaspora	02	With at least 55% marks or an equivalent grade in Master's degree from any discipline in Social Sciences and Humanities (Sociology, Anthropology, History, Political Science, English, and Cultural Studies).		

The question paper of Ph.D. course shall consist of 70 marks in two sections (all objective types). Part A – 35 marks will be on Research Methodology and Part B – 35 marks will be on subject concerned.

There is an Interview for 30 marks for shortlisted candidates. The break-up of 30 marks would be as follows: 15 marks for interview performance, 10 marks for research proposal and 5 marks for MPhil awarded/submitted/JRF (UGC/ICHR/ICSSR).

CENTRE FOR WOMEN'S STUDIES

The Centre for Women's Studies (CWS), at the University of Hyderabad is an interdisciplinary Centre collaborating with faculty from different disciplines. The University of Hyderabad had a Women's Studies Cell established in 1984, alternatively located in the School of Social Sciences and the School of Humanities. This Cell was upgraded to a Centre in June 2007. It was a standalone Centre until it was affiliated to the School of Social Sciences in March, 2014 as a statutory Centre of the University.

Aims and Objectives:

- Actively coordinate courses on gender and women in different departments, and introduce fresh areas of gender research.
- Build a systematic database on gender issues.
- Mainstream gender issues in teaching and research.
- Facilitate gender analysis on critical issues

Areas of Research: Feminist Theory, Gender and Health, Gender and Environment, Dalit and Subaltern movements, Feminist Research Methodology, Gender and Culture, Gender and Religion, Media, Representation, Sexuality Studies, Gender and Violence, Gender and Reproductive Studies, Globalisation, Gender and Science.

Programs of Study: The Centre offers MA and Ph.D. Programs in Gender Studies.

Ph.D The eligibility criterion for admission into Ph.D. Program in Gender Studies is a Master's degree with 55 % marks in any discipline in Social Sciences and Humanities or a Master's degree with 55 % marks in Women's/Gender Studies.

Entrance Examination: The entrance examination for admission into Ph.D. program in Gender Studies evaluates the candidates on the basis of their understanding of gender studies, their knowledge in the domain, their research aptitude and analytical and writing skills. The question paper of Ph.D. course shall consist of 70 marks in two sections, as per the UGC Regulations 2016. Part A: 35 marks will be on Research Methodology and broadly will be as follows: Research Methodology: "The process used to collect information and data for the purpose of making decisions. The methodology may include publication research, interviews, surveys and other research techniques, and could include both present and historical information". Besides including Quantitative methods, Data interpretation,

Aptitude and Logical Reasoning. This part of the Entrance Test be in the lines of Paper-I/Part-I of the UGC-CBSE/CSIR JRF exam. Part B: 35 marks will be on gender/women's studies.

Candidates who are selected on the basis of the written examination will have to appear for an interview for 30 marks. A research proposal has to be submitted at the time of the Interview. Ph.D. scholars will have to do four courses of four credits each over two semesters.

Admission to M.A. course is through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

Faculty

Professor

K. Suneetha Rani, Ph.D. (Hyderabad) (Head of the Department) Specialisation: Gender Studies, New Literatures in English, Cultural Studies, Comparative Studies, Translation Studies. (Head)

Associate Professors

Deepa Sreenivas, Ph.D. (EFLU, Hyderabad) Specialisation: Cultural Studies, Feminist Pedagogy, Childhood Studies.

Sheela Suryanarayanan, Ph.D (QUT, Brisbane, Australia) Specialisation: Reproductive Health, Women and Sustainable Development.

SCHOOL OF ECONOMICS

The School offers **two M.A programs,** namely in Economics and Financial Economics respectively; a **Ph.D**. program; and a 5-year **Integrated M. A program** under New Education Policy. The School offers well-balanced courses of study at all levels incorporating economic theory, quantitative and statistical analysis, political economy and Indian Economic Problems. The School has currently 18 faculty members engaged in theoretical and empirical research in several areas of contemporary relevance. The School has about 300 post-graduate and research students. A student-run placement cell is facilitated by the School.

Prof. R. V. Ramana Murthy is the Dean of the School.

Programs of Study

MA (Economics):

The M.A. program in Economics has been designed to expose the students to mainstream and heterodox approaches in theory, with necessary tools and techniques. The program equips the students with analytical skills to engage with conceptual and empirical dimensions of the economy, policy, polity and society. Besides the standard courses like microeconomics, macroeconomics, trade, growth, public finance and econometrics, the core courses also include classical political economy and political economy of development, which makes it a well-rounded program. The program also offers a range of optional courses that enable the student to acquire specialised knowledge in specific theoretical and applied branches of economics, like New Institutional Economics, Behavioural Economics, Game Theory, Capital Theory, Development Economics, Economics of Education, Economics of Discrimination, Health Economics, Public Policy, Transitional Economics, Urban & Transport Economics, Natural Resource and Environmental Economics, Labour Economics, Financial Economics, Financial Econometrics, Time Series, and so on. This program is

divided into four semesters, in which they have to do 10 compulsory and six optional courses in addition to two foundation courses. Knowledge of high school level mathematics is expected from the prospective candidates as a minimum qualification, as several courses have mathematical orientation. Project work option and internships with banks, companies, research institutions, and NGOs during vacations are facilitated.

MA (Financial Economics):

The M.A. Program in Financial Economics has been designed to expose the students to alternative paradigms of economic and financial theories and of global financial markets. The students would also be equipped with necessary analytical tools and techniques by way of an in depth training in econometric and time series techniques, and other quantitative methods. The focus of the training would be on practical applications and hands-on experience through assignments and projects, to enable them to competently analyse the market trends, and handle big data sets to aid the decision making process. Keeping these objectives in mind, the two-year program offers a judicious mix of core and electives along with a project to be submitted at the end of the program. Internships with industry, banks and financial institutions would be an integral part of the program.

Integrated Masters in Arts (IMA) in Economics):
5-year Integrated Masters in Arts (I.M.A.) program in Economics under New Education Policy, consists an exit options after completion of the third years, for a **Bachelor degree;** and after the fourth year for an **Honors Degree;** and after competition of the 5-year program, student receives the degree in **Integrated Master in Arts** in Economics (I.M.A). The program has a common component with other the social sciences along with economics during the first three years. The admission into the program is through the entrance test common to all social sciences. The students spend the first three years of study at the College for Integrated Studies, after which they branch out to the respective allotted discipline. Further details about the program and entrance test can be found under College for Integrated Studies in this Prospectus.

Ph. D (Economics):

Ph.D. program consists mainly of research work leading to a thesis on an approved topic. The thesis will be of a high standard seen as a contribution to knowledge and will be defended in an open viva-voce examination. Ph.D. program requires course work of about 12 credits, which includes Research Methodology as a compulsory course. The course work must be completed within the first year of the Ph.D. program.

Entrance Examination

Admission Process:

Admissions to the **M.A.** and the **I.M.A** programs will be based on the Common University Entrance Test (CUET) conducted by National Testing Agency.

Ph. D

The entrance test for Ph.D. programs consists of a written test for 70 marks and interview for 30 marks.

The written test is for 70 marks and consists of two sections, as per the UGC Regulations 2016.

Part A – (35 marks) will be on Research Methodology including questions based on research methods, types of research, quantitative methods (mathematical, statistical, econometric), data interpretation, aptitude and logical reasoning. Part B – (35 marks) includes postgraduate level questions pertaining to core economics subjects such as microeconomics, macroeconomics, public finance, trade, growth, political economy, Indian economy; quantitative subjects such as basic mathematics, statistics, econometrics; a few questions from specialized areas of economics such as labour, health, finance, environmental etc.; and general economics awareness.

In addition, there is an interview for 30 marks for the shortlisted candidates. Candidates called for an interview for Ph.D. program must come prepared with a research proposal to be submitted at the time of Interview.

Ph. D Vacancies available

Faculty

Professors

1. R.V. Ramana Murthy, Ph.D. (UoH) – Development Economics, Political Economy of Development, Agrarian Change (**Dean of the School)**

2. Naresh Kumar Sharma, Ph.D. (ISI, Delhi) – Economic Theory, Gandhian Economic Thought, Development, Agriculture, Money & Finance.

3. R. Vijay, Ph.D. (UoH) – Political Economy, Development Economics, New Institutional Economics.

4. Debashis Acharya, Ph.D. (UoH) – Macro-Monetary Economics, Financial Economics.

5. K. Laxminarayana, Ph.D. (UoH) – Economics of Education, Political Economy of Development, Agricultural Economics, Indian Political Economy of Class and Caste.

6. Boppana Nagarjuna, Ph.D. (UoH) – Industrial Economics, Transitional Economics, International Finance and Indian Economy.

7. Phanindra Goyari, M.Phil. (IGIDR, Mumbai), Ph.D. (UoH) – Econometrics, Mathematical Economics, Model Building & Simulation in Economics, Microeconomics, Agricultural Economics, Economic Growth and Development.

8. S. Raja Sethu Durai, Ph.D. (University of Madras) – Macroeconomics, Applied Econometrics, Financial Economics.

9. G. Sridevi, Ph.D. (Institute of Social and Economic Change, Bangalore) – Food Security, Health Care, Economics of Discrimination.

Associate Professors

10. Alok Kumar Mishra, Ph.D. (UoH) – Macroeconomic Dynamics, Financial Economics, Urban and Transport Economics.

11. Jajati Keshri Parida – Employment, Migration, Poverty and Human Development

Assistant Professors

12. G. Vijay, Ph.D. (Institute of Social Studies, The Hague) – Labor Economics, Environmental Economics, Economics of Business Organizations, Law and Economics, Political Economy.

13. Limakumba Walling, M.A. (UoH) – Macroeconomics, Political Economy and Post Keynesian Economics

14. Prajna Paramita Mishra, Ph.D. (UoH) – Environmental and Natural Resource Economics.

15. B. Nageswara Rao, Ph.D. (UoH) – Tribal Development, Economic History, Agricultural Economics.

16. K. Ramachandra Rao, Ph.D. (Andhra) – Urban Economics, Health Economics.

17. Krishna Reddy Chittedi, Ph.D. (CDS-JNU) – Macroeconomics, Financial Economics, Developmental Issues, Energy Economics

18. Motilal Bicchal, Ph.D. (UoH) –-Monetary Economics, Macroeconomics

SAROJINI NAIDU SCHOOL OF ARTS AND COMMUNICATION

The Sarojini Naidu School of Arts and Communication started functioning from 1988-89 and offers Masters-level courses in Dance, Theatre Arts, Fine Arts, and Communication and Doctoral (PhD) programs in Communication, Theatre Arts, and Dance.

The University is indebted to the family of Sarojini Naidu for the bequest by the late Padmaja Naidu of the 'Golden Threshold', where the University started functioning. In recognition of this gesture, the University started this School by naming it after Sarojini Naidu to offer post-graduate and research programs in the fields of arts and culture.

The School provides courses of study in the Departments of Dance, Theatre Arts, Fine Arts, Music and Communication.

The broad objective of the teaching program is not only to explore the evolution and forms of arts, but also to bring about an integrated approach to the study of creativity. Apart from the core Faculty, experts in various fields and Guest Faculty of national and international repute teach courses in the School.

Prof. Vasuki Belavadi, Department of Communication is the **Dean** of the School.

DEPARTMENT OF DANCE

The Dance Department is one of the first in the Country to adapt traditional systems of training in classical dance styles of Kuchipudi and Bharatanatyam for postgraduate studies at the university level. It provides opportunity for students to hone their craft, technique and creativity, analyze classical dance forms through closer study of aesthetic theories expounded in ancient Sanskrit texts, and, make critical interventions in bridging gap between theory and practice.
The Department offers advanced training in dance, particularly classical Indian dances both in theoretical and practical aspects. As one of the pioneering University body to adapt classical dance studies to a modern university approach, the department of dance has been progressive in envisioning and executing innovative ideas in classical dance practice in all its various professional aspects such as choreography, stage presentation in all its component aspects, rasaabhinaya, dance music composition, art management and digital arts,

understanding of Indian classical dance, dance history, Natyasastra, dance appreciation and dance research.

Programs of Study

MPA Dance (Kuchipudi / Bharatanatyam)

The Masters in Performing Arts (Dance) course is a rigorous full time two year program. The course is well balanced in terms of theory and practice and the course is segmented into four semesters; the course structure provides scope to enhance scholarship, practical and theoretical understanding of dance forms, and initiate students into research and teaching.
A significant emphasis is laid on research components and through the courses on research methodology and dissertation project, students are oriented into dance research at the Master's program itself. The students are also given an opportunity to enhance their performance skill through the department's production. Value added workshops are regularly organized with artistes and experts of national and international repute.
The program offers a holistic training which helps in the exploration of not only performative and academic areas of the field but also the allied arts. The students strengthen their skills in performance, choreography, applied theory, analysis, designing of dance music, stage décor, stagecraft, lighting, costumes, production and organizational strategies. The course structure enables the master aspirants to become an independent performer / choreographer / teacher / nattuvanar / music composer/ researcher/ dance critique and production designer, by the completion of their Master's degree. This is one of the most unique and innovative programs offered in dance academia.

Admission is through CUET. After qualifying in the Written Test, the Department conducts an interview to evaluate the Practical performance of the candidate. It includes assessment of dance performance and practical exposition of Talas and other dance related theoretical aspects.
MPA Dance (Kuchipudi) - 50 % (Written CUET) + 50 % (Practical Test)
MPA Dance (Bharatnatyam) – 50 % (Written CUET) + 50 % (Practical Test)

Ph.D. (Dance)
The doctoral program offers scope for students and scholars to specialize in chosen minute niche fields of dance. The program aims at creating a new knowledge in understanding Indian Classical Dance, compatible with global scientific understanding of performing arts in their practice, theory, social relevance, heritage value, cultural significance etc., Incorporating relevant methodological tools such as qualitative research, performances theory, ethnography, performance documentation etc., from disciplines such as cultural anthropology, history, art history, management and the like, the program contributes towards developing and creating new material on Indian Classical Dances, that is scientifically, socially and culturally relevant.

Admission for Ph.D. program is through a Written Test (70 marks) and an interview (30 Marks) for shortlisted candidates
Faculty
Professors
Anuradha. J, Ph.D. (Dance) (Hyderabad) – Applied Theory and Kinesthetics of Dance, Kuchipudi Practical and Choreography. (Head of the Department)

M.S. Siva Raju, Ph.D. (Dance) (Hyderabad) – Comparative Dance Studies, Musical Aspects of Dance, Movement for Dance and Choreography.

G. Aruna Bhikshu, Ph.D. (Dance) (Hyderabad) – Applied Theory and Dance Studies, Abhinaya

Visiting Faculty
Vijaya Madhavan
Harimohan Paruvu
Shashidhar Acharya
Gunakar Dev Goswami
Shama Bhate

DEPARTMENT OF THEATRE ARTS

M.P.A (Theatre Arts)

The Masters in Performing Arts program is a rigorous, **full time three-year course.** This course provides practical and theoretical training to the students to enable them to realize theatre as a unique form of artistic communication. The core components are designed to provide hands-on experience of all the areas of theatrical communication and their possible applications in different contexts. The theory courses orient the students to look at the history of theatre practice from multiple perspectives-like the literary, socio-economic, political, philosophical, etc. The course content covers both Western and Indian Drama and theatre. It also provides understanding of theatre in relation to other forms of artistic expressions, such as painting, sculpture, music, cinema, etc. The course tries to encompass the whole spectrum, from classical to contemporary, traditional to commercial, and folk to the digital. A brief outline of the course components, spread over the three years of study is described below:

Theory Courses:

Arts, Aesthetics and Society
Dramatic Literature & Play Analysis
Theatre Aesthetics
History of Modern Theatre
20th Century Theatre & Performance
Indian Drama and Performance in Contemporary Context

- To understand different forms of artistic expressions, their processes, contexts, grammar and to relate them with theatrical expressions.
- Significance and multiplicity of theatre activities and their relationship to their contemporary history and culture.
- How different theatre forms struggle for space within the same period and culture.

Production of Plays

Full length Production Process:
Play productions (One per year)

- Different stages of production process from an idea/theme/text to a concrete theatrical expression.
- Working with experienced and professional directors on different kinds of plays. To understand different ways of interpreting and producing professional performances.

Design/Technology/Direction:

Basics of Design
Theory and Practices of Scenography
Theory and Practice of Direction

Design and Direction:

- Hands-on training in design skills and to understand their function in the total performance structure in organic relation to other components.
- Working with new materials and techniques to explore new avenues in contemporary performance.

ACTING:

Styles of Acting

Acting in Play Productions (Classical/ traditional/ folk/ Modern Western/ Modern Indian contemporary approaches to Acting)

- The basic elements of acting, stage presence and theatrical communication. To be able to follow direction and execute the director's interpretation of the text, to design one's acting in relation to other elements of design.
- Skills and possibilities of improvisations, different approaches to and styles of acting through a series of scene-works and productions.

Theatre & Performance in New Contexts
Community Theatre or Applied Theatre
Children's Theatre & Puppet Theatre
Theatre Management

- Using the skills of theatre practice in different contexts like Community theatre, Children's theatre, event management etc.
- To visualize and prepare professional theatre projects with a clear understanding of the budget, work division, human and financial resource management, presentation and marketing.

There is an exit clause at the end of the first year. Students, who have successfully completed the first year and do not wish to take advantage of the more in-depth training provided during the next two years can leave the course with a Diploma in Theatre Arts. Promotion to second year is subject to satisfactory performance and successful completion of the first year of study. The performance of the student will be assessed on the basis of regular attendance, motivation and active participation in the studies and practical work, co-operation and co-ordination with fellow students as well as securing the necessary minimum marks in written and practical exams.

Entrance Examination and interview: *

Written Test:

Any graduate with an aptitude for theatre can apply for the M.P.A. Course. Experience in Theatre or any performing art will be an added advantage.

* The written test follows the principles of Common University Entrance Test (CUET). Whereas audition/interview remains the same.

Interview:

Eligible candidates are required to write an entrance examination of two-hour duration, consisting of objective type questions on areas related to theatre and culture. Those qualified in the written test will be called for an audition/interview at the University, where they need to write descriptive and analytical essay as one of the given topics to their experience in theatre)

For the audition/interview, candidates are expected to come prepared to discuss a full length play of their choice and also perform a dramatic passage from a play of their choice in a language of their choice.

Candidates who fail in the audition/interview cannot be selected irrespective of the marks secured in the written exam. Any additional talents like music, dance, martial arts, drawing etc., will be added advantage.

Note: There will be no admissions for Ph.D. Theatre Arts during this academic year 2023-24.

Faculty:
Professors:

Satyabrata Rout, M.A (National School of Drama), Ph.D (C.C.S. University, Meerut University) – Scenography and Direction: Theory and Practices, D.Litt (University of Khairagarh) **(Head of the Department)**.

B. Ananthakrishnan, Ph.D (Madras)-Performance Studies, Production Process

Associate Professors:

Rajiv Velicheti, M.A. in Dramatic Arts (National School of Drama) – Theatre History, Acting and Direction

Noushad Mohammad, M.A. (National School of Drama), Adv. Diploma in Actor Training (TTRP, Singapore) – Acting.

Kanhaiya Lal Kaithwas, M.A. (National School of Drama) Design and Theatre Craft

Assistant Professor:

Riken Ngomle, M.A. (National School of Drama), Advance Course in Acting, Grotowsky Institute, Wroclaw, Poland- Acting. (on Lien)

DEPARTMENT OF FINE ARTS

The Department of Fine Arts was established in 1988 at the University of Hyderabad alongside the Departments of Dance, Theater and Communication to form the Sarojini Naidu School of Arts and Communication. The aim was to bring various artistic practices within a broader academic program, to interrogate more systematically, the communicative aspects of the aesthetic traditions, and the aesthetic dimensions of communication systems.

The Department of Fine Arts was established under the stewardship of eminent artists Laxma Goud, DLN Reddy, R S Shamsundar, and other young faculty, and has developed into a premier Art School in the country. The pedagogical commitment has been to provide a safe space for a serious art practice that can be freely carried out in a supportive, challenging and enriching environment. The increasing visibility, and growing list of achievements of our alumni in the world of Contemporary Indian Art are testimony to the pedagogical successes of our school.

Programs of Study

1. PhD in Art History and Visual Studies

The Department of Fine Arts offers a Ph.D. program in Art history & Visual Studies. We encourage Ph.D. researchers to think out of the box, offering them exceptional opportunities to study architecture and craft. The duration of the program is set following the UGC regulation (Clause 4.2, 2016)

A Ph.D. / doctoral program in Art History is an essential step to acquire and hone one's ability to develop analytical, critical, and articulate knowledge about the subjects for one who is passionate about visual studies. Working towards a Doctoral thesis aims to achieve goals dedicatedly to acquire in-depth knowledge and understand and develop various research and analytical abilities. It is often the aim of researchers to continue their professional practice in academics and research-oriented. The rigorous and vast knowledge and experience of research allows one to gain a better hold to develop scholarly practice and be an expert.

The Fine Arts Department encourages debate and discussion among researchers, cohorts, supervisors, and faculty. The researchers would develop ideas and discuss their research with experts worldwide.

Structure of the program

In the first two years, doctoral researchers study historiographical and methodological issues and explore the chosen themes from South Asian art history. The first two semesters of the doctoral program are based on coursework and educational activities. The teaching program includes teaching research methodology and writing methodology courses and training for archival and fieldwork, seminars, and other educational activities (conferences, workshops, lectures, courses on digital tools for academic research). In the second and third years, researchers focus on their research. They are expected to present their work at seminars and workshops.

- **Coursework**

  Course work in any Ph.D./doctoral program is an important stepping stone to develop research skills and methods to complete the dissertation. The compulsory course sets a strong foundation for any challenge and experience. It has leading and inter-disciplinary research and developing analytical tools essential to articulate and bring out the best research outcome.

  Course work 16 credits

  1. Research Methodologies in Art History and Visual Studies, compulsory 4 credits
  2. Academic Writing Methods, compulsory 4 credits
  3. One elective (connected to specific research area of the doctoral candidate) Compulsory, 4 credits
  4. Language course (South Asian language in connection to research area), compulsory 4 credits
  5. Doctoral candidates are expected to do internships based on their research proposal

The students are expected to meet the University's attendance requirements during the course work. Course work is to be completed in one year after taking admission, failing which the student's entry in the program will stand canceled. Ph.D. students can appear in the regular and supplementary exams in each semester. There is no provision for Improvement or Special Supplementary exam to be conducted. The Academic Units should offer the courses in all semesters as admission to Ph.D. will be in 2 sessions. Failure to complete the coursework within one year means that the students have to leave the program. A Ph.D. scholar has to obtain a minimum of 55% of marks or its equivalent grade in the UGC 10-point scale (or an equivalent grade/CGPA in a point scale wherever grading system is followed) in the course work in order to be eligible to continue in the program.

- **Supervision:**

A supervisor follows researchers to develop their doctoral projects. The supervisor is responsible for advising and career development. At the same time, doctoral committee members offer another perspective on the researcher's work and help researchers design and write their Ph.D. thesis. The supervisor encourages the researchers to set up working groups to share common interests. Working groups allow contemplating the fields covered by research seminars and benefit from peer-to-peer learning.

2. Master of Visual Arts Programs

The Department of Fine Arts offers two-year, terminal Master of Visual Arts (MVA degree courses) in the disciplines of

Painting and Expanded Media
Sculpture and Expanded Media
Print Making and Expanded Media
Art History and Visual Culture Studies.

Our academic programs are designed to integrate the practice of Fine Arts with a strong understanding of the social, economic, and intellectual histories of art traditions from around the world. Our students are encouraged to understand the roots and intentions that fuel their own artistic trajectories, while simultaneously situating their work amidst the larger context of the debates in local and global art traditions. Students from the practical disciplines are encouraged to explore the world of books, reading, writing and research. Conversely, it is mandatory for students from the theory disciplines to work in the studios, so to grapple with the pleasures and challenges of converting inert, obdurate, physical materials into living works of art. The students of the Practical streams (Painting, Sculpture and Print Making) submit a dissertation on their own work, while students of the Art History and Visual Studies discipline submit a dissertation on a topic of their choice, subject to the approval of the concerned faculty.

Instruction in the Department is essentially tutorial in nature, it involves a close working relationship between the faculty and students. The academic curriculum is strengthened and complemented by incorporating workshops by eminent visiting artists, artist camps, conferences and lectures by distinguished scholars on a regular basis.

Faculty
B V Suresh
Professor (Painting)

Dr. Kirtana Thangavelu
Associate Professor (Art History & Visual Studies)
Head, Department of Fine Arts

L N V Srinivas
Associate Professor (Painting)

Suneel Mamadapur
Associate Professor (Print Making)

Dr. Baishali Ghosh
Associate Professor (Art History & Visual Studies)

Tanmay Santra
Assistant Professor (Painting)

PhD in Art History & Visual Studies

ONE POSITION

Eligibility

A successful Ph.D. candidate should have:

Completed 2-year/4-semester Master's degree program in Art History, Social Science, Architecture or relevant discipline (after 4 year undergraduate degree) with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 10- point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institutions.

A person whose M.Phil. dissertation has been evaluated and recommended for award of the degree.

- **Admission Criteria**

An entrance test shall be conducted at the Centre(s). It consists of the research methodology and subject-specific questions. 70%

If qualified in the entrance test, the candidate would be called for the interviews (20%)
Research proposal. 10%
The interview/*viva-voce* shall also consider the following aspects, viz. whether

. The candidate possesses the competence for the proposed research;
. The research work can be suitably undertaken at the Department
. The proposed area of study can contribute to new/additional knowledge.

- **The research proposal.**

(The research proposal would be considered based on the availability of the supervisor and his/her research specialization).

Research proposal: maximum length: 5 pages or 2500-3000 words with spaces (including a list of references), Times New Roman font- size 12, line spacing 1.5.

The research proposal should have the following parts:

1. Introduction: The background of the research and its subject matter. The significance of the proposed research in light of this background.

2. objectives: What is to be studied and why. The fundamental research questions.

3. Methodology: Resource and the method that would be used and analyzed

4. Work outline: Duration of the research and how the time would be utilized.

5. Ten seminal references that are most important for the chosen research topic.

Admission to Ph.D. students shall be through an Entrance Test conducted at the level University. The students who qualify as UGC-NET (including JRF) holders or obtained an M.Phil degree have to

clear the entrance test. The final selection for admission for Ph.D. will be based on the performance in Entrance and interview.

Masters of Visual Arts (MVA) Programs to be offered in the Department of Fine Arts, SN School of Arts and Communication, University of Hyderabad from Monsoon 2022

Students wishing to enroll in the Masters Program in the Department of Fine Arts must possess a 4-Year Bachelors Degree in the Visual arts

1. **Eligibility Criteria for MVA in Painting and Expanded Media/ Print Making and Expanded Media/ Sculpture and Expanded Media**

Requirement is a Bachelor Degree in Fine Arts: BFA/BVA/BA (Fine) Arts.

2. Eligibility Criteria for MVA in Art History and Visual Studies

Bachelor Degree in Fine Arts: BFA/BVA/BA (Fine).
Candidates with degrees from related areas and disciplines like Social Sciences, Sciences, Arts and Humanities. may also be considered, provided they demonstrate evidence of aptitude in Art History, capacity to read visual images, and demonstrate adequate knowledge of contemporary artistic practices. Students must provide evidence of training or practice in visual arts at the time of the oral interview by bringing sketchbooks, art works or photographs of their original art works.

Note 1: All degrees must be attained from accredited degree granting institutions.

Admission Test for Practical Disciplines

Requirements for the Masters of Visual Arts Degree

All admitted students will be required to complete the prescribed Core and Elective requirements of the curriculum for receiving the Master's Degree in Visual Arts from the Department. Students wishing to exit the program with a clearly defined specialization in the practical disciplines, must be sure to complete to the required number of core and optional core courses prescribed for each discipline.

Essential requirements at the time of Application for MFA in Painting and Expanded Media /Sculpture and Expanded Media /Print Making and Expanded Media

Applicants must specify the stream (Painting and Expanded Media /Print Making and Expanded Media /Sculpture and Expanded Media) on priority basis on which they wish to apply to the Department of Fine Arts.

However, based on an evaluation of the portfolio, campus interview and photographs of works submitted, and availability of seats within a discipline, the Selection Committee of the Department of Fine Arts reserves the right to allot the stream on which the student may be admitted to the Department.

At the time of application. in addition to the online registration form sent to the University of Hyderabad, each applicant must also submit a digital copy of the online application along with 15 properly labelled digital photographs (JPEG, web format) of recent works to the email given below.

snfa.entranceimages@uohyd.ac.in

The email must contain the following information

Name of Candidate
Registration Number
Name of Institution
Priority Basis for Choice of Discipline

Attachments:

1. 15 photographs, JPEG web Format. Each photograph must be properly labelled with name of artist, size, medium and date of work.
2. Soft copy of Online Registration Form

At the time of the Online/campus interview, the student must show photographs of the artworks submitted with the online application.

- A responsible faculty member of the Fine Art College/Institute **must digitally attest and verify the** photographs of art works from where the applicant received his/her BFA/BVA/BA (Fine) degree.

Candidates must fulfill all the above requirements in order to be considered for the on-campus Entrance Test and Admission for MVA in Painting and Expanded Media /Print Making and Expanded Media/ Sculpture and Expanded Media.

Fraudulent or Misrepresentation of works presented during Admission Process

Any instance of misrepresentations/wrongful attributions/ untrue claims or any other fraudulent acts with regard to student works are made during the admission process that come to light at any stage of the academic program, will be duly addressed in accordance with the academic rules and administrative statutes of the university.

Distribution of marks for the Entrance Exams MVA Programs (Painting and Expanded Media /Sculpture and Expanded Media /Print Making and Expanded Media)

Part A **Written Test (NTA)** Written Test will be conducted in Different Centers.	25%
Part B **Oral Interview (Online)**	25%

Part C **Portfolio Presentation** **(During online Interview)** **15 Digital Photographs of Recent Works** In addition to the online registration form that is submitted to the University of Hyderabad, each applicant must also submit 15 Digital images of recent artworks (JPEG web format). Each work must be properly labeled with name of artist, size, medium and date of work. A copy of the Online application along with the 15 digital images of recent art works must be sent to the following address **snfa.entranceimages@uohyd.ac.in** During online presentation of Portfolio, students must show the 15 images sent at the time of application submission. The artworks must be duly attested and verified by the Head of the Department, or by a responsible member of the teaching faculty where the student has completed his/her BFA/BVA/BA(Fine) degree. Students are required to bring/show 5-10 representative works in their field of specialization along with their sketch books.	50%

Note:

(i) The shortlisting of candidates for the campus interview will be on the basis of their performance in the written exam.

(ii) The criteria for evaluation of visuals will be demonstration of technical ability, conceptual clarity, stylistic coherence, and understanding of visual image making practices.

(iii) In the oral interview, the student must be able to back the claims being made in the accompanying portfolio.

(iv) At the time of Campus Interviews, all photographs of the student's works that are presented for evaluation and admission to the University of Hyderabad must be duly attested and verified by a responsible member of the teaching faculty in the institution from which the student has received the BFA/BVA/B. A (Fine) degree. Any instance of misrepresentation or wrongful attribution of artworks that come to light at any time during the course of the MFA program, will be taken seriously and will be addressed in accordance with the rules and statutes of the university.

Essential requirements at the time of Application for MFA
Art History & Visual Studies:
Bachelor Degree in Fine Arts: BFA, BVA or BA (Fine).

Candidates with degrees from related areas and disciplines like Social Sciences, Sciences, Arts and Humanities. may also be considered, provided they demonstrate evidence of aptitude in Art History, capacity to read visual images, and demonstrate adequate knowledge of contemporary artistic practices. Students must provide evidence of training or practice in visual arts at the time of the oral interview by bringing sketchbooks, art works or photographs of their original art works.

The Distribution of marks for the Entrance Exam for Art History & Visual Studies students will be as follows:

Part A **Written Test (NTA)** Written Test will be conducted in different centers.	50%

Part B **On-Campus Interview** For the on-campus interview, student must bring a portfolio of their art practice in the form of drawing books, original works or photographs.	50%

Note:
(i) The shortlisting of candidates for the campus interview will be on the basis of their performance in NTA.
ii) Students will be evaluated for their ability to demonstrate an aptitude for art history, display adequate language skills required to convey ideas, as well as a basic understanding of image making practices. Student's basic knowledge in Art History, and communication skills in English is expected

DEPARTMENT OF COMMUNICATION

The Department of Communication at the University of Hyderabad has been consistently ranked the best university department in the country by various surveys over the years. It has acquired a reputation for excellence in teaching and research, with a good track record of placements. Graduates have found positions in a range of media-related companies, as well as in supportive communication roles in the corporate, government, and civil society sectors. A significant number have gone on to pursue higher degrees both within India and abroad, and several of these alumni now hold top positions in media companies and teaching/research positions in reputable HEIs.

Experienced faculty members and the state-of-the art infrastructure makes it one of the most sought-after departments for media and communication studies. Its geographical and cultural position combined with the faculty members' vast experience in various fields makes it a hub for various national and international projects. Students also benefit immensely from a steady stream of visiting scholars and experts in all areas related to the discipline.

Programs of Study

The Department offers **two Post-graduate programs** that have a judicious mix of theory and skills, but with different emphases--one of which primarily focuses on media practice and the other, on theory and research. The idea, in each case, is to build practitioners with a sensitivity to the conceptual underpinnings of media and society, and to build critical researchers with an understanding of media practice.

MA Communication (Media Practice):

With a convergent journalism media practice and technology focus resulting in the ability to tell engaging stories for a variety of purposes and in a range of contexts.

This two-year program exposes students to an array of **media skills and practices, ranging from writing to audio-visual and digital media production, preparing them for jobs in the media industry or for independent media practice.** Courses under this specialization build on a foundation of media and communication theory while equipping students with the skills, techniques and understanding to function in a variety of media roles, from content creation to dissemination to management in the rapidly converging media ecosystem.

MA Communication (Media Studies):

With a **theory, research and critical focus, this two-year program exposes students to the theoretical and conceptual foundations of the discipline as well as building in them the skills to apply these principles in the field as practitioners and researchers.** Courses

under this program range from understanding how communication and media interface with issues of development and social change to critically analyzing media industries, popular cultural phenomena, histories of media, and digital culture.

Students can select from a range of electives as they advance through the program while meeting the core course requirements of their chosen program, in a manner that blends theory and practice even as it may emphasize one or the other. **Regular workshops by experts/ industry professionals supplements the teaching and enriches the programs.**

In the context of online/blended mode of teaching-learning, the programs require equipment such as a smart mobile and a computer/laptop capable of handling multi-media operations.

Exit Option
Students admitted into both the programs would have an exit option **after One Year** with a Diploma

Diploma Nomenclature

Sl. No.	**Diploma**	**Remarks**
1	Diploma in Media Studies & Practice	Exit option to be exercised in the beginning of the second semester. Students who continue for two years will graduate with an MA.

Ph.D (Communication):
The Department offers a Doctoral Program in Communication. Research students will be required to complete mandatory coursework in the first two semesters (12-14 credits) before taking up their research work.

Currently, the department encourages research in communication and social change, community media, historical and cultural studies of media, ontology of media and information, health and science communication, digital media studies, media economics, print cultures, feminist media studies, media law and ethics, media and gender, and practice-based research.

This year the department will offer FOUR PhD seats, in the following specialisations:

2 (TWO): Communication for social change, Community Media
2 (TWO): Media historiography, cultural studies, Rhetoric of development

Entrance Examination

MA Communication (Media Practice) *and* **MA Communication (Media Studies)**
Candidates shortlisted from among those who clear the relevant **Common University Entrance Test (CUET) PG** will be called for an interview and a written test. Candidates who also successfully clear both the written test and interview conducted by the Department of Communication, University of Hyderabad will be admitted into the two M.A. programs. For the weightages see the table below:

Program	**CUET Weightage**	**Test + Interview by UoH = 40**	**Total**
M.A. Communication (Media Studies)	60	Written Test: 15 + Interview: 25	**100**
M.A. Communication (Media Practice)	60	Written Test: 15 + Interview: 25	**100**

Shortlisted candidates have to give their first and second preference between the two MA Programs before they participate in the written test and interview conducted by the Department. The written test and interviews will be conducted in physical mode only in the University Campus in Hyderabad. However, once a candidate is admitted into one of the M.A. programs, they shall not be allowed to slide into the other program.

Faculty

Senior Professor
Vinod Pavarala, Ph.D. (University of Pittsburgh, USA) – Communication and Social Change, Community Media, Popular Culture. Also holds the **UNESCO Chair on Community Media**.

Professors
P. Thirumal, Ph.D. (Pondicherry) – Rhetoric of Development, Theory and History of Media.

Vasuki Belavadi, Ph.D. (Hyderabad) – Radio, Video Production, Community Media.

Kanchan K. Malik, Ph.D. (Hyderabad) – Print Journalism, Community Media, Media Law and Ethics, Media and Gender, Communication and Social Change.

Usha Raman, Ph.D. (University of Georgia, USA) Print Journalism, Health and Science Communication, Digital Media Studies, Feminist Media Studies (Head of the Department)

E. Sathya Prakash, Ph.D. (Osmania) – Media Management, Documentary Theory, Film Theory & Criticism

Associate Professors

Janardhan Rao Cheeli, Ph.D. (Hyderabad) – Television Production, Documentary Production, Participatory Video.

Assistant Professors

Madhavi Ravi Kumar, Ph.D. (Andhra) - Print and Broadcast Journalism, Convergence Journalism, Development Communication, Digital Media Studies.

Anjali Lal Gupta, M.A. (Jamia Millia Islamia) - Theory and Practice of Journalism, Narrative Journalism, Features and Analytical Writing, Development Journalism.

DEPARTMENT OF MUSIC

The Department of Music, established in the year 2019 at the University of Hyderabad, is the latest addition to the Sarojini Naidu School of Arts and Communication. With the objective of offering the best academic and research programs in traditional and modern music education, the Department of Music endeavours to explore the various dimensions of music pedagogy to nurture the diverse skill sets of students to specialise in the areas of performance, research and teaching. The Department of Music will be offering a PG program in Music from the academic year 2021-22.

Program of Study

MPA (Music) (Karnataka – Vocal & Karnataka - Instrumental (Veena) Hindustani – Vocal & Hindustani Instrumental (Sitar) - The Masters in Performing Arts (Music) is a full-time two years Course comprising four Semesters. The curriculum strikes a balance between theory and practice and is structured to provide the students an opportunity to understand the historical, textual, aesthetic, critical, and practical dimensions of the art of music and its practices and traditions. Students will also be initiated into research, writing, and performing and offered a chance to explore and strengthen their skills in inter/multi-disciplinary studies in music and its allied musical traditions and practices.

The academic curriculum will be complemented through Lectures, Demonstrations and Workshops by eminent visiting artists of national and international repute, seminars, conferences, workshops etc., on a regular basis. The department aims to provide the necessary impetus and an ideal learning environment to an aspiring music enthusiast on the path of becoming a successful musician, musicologist, researcher, teacher or entrepreneur.

Program Learning Outcomes

On completion of the two-year MPA (Music) course, students will be able to –

* become adept in both the art and science of music
* appreciate the significance and importance of established traditions
* explore the creative dimensions of performance aspects
* apply the nuances of theoretical aspects to present aesthetical performances
* gain knowledge about the comparative and critical aspects of various styles of music
* understand the wide scope for research in music and its associated subjects.
* use theory to bridge gaps between traditional and modern conceptions of music and its practice
* have an overview about the documentation and legal aspects of music productions
* make use of technology in exploring, recording, promoting, propagating and preserving music and music instruments
* understand the intricate linkages between technology and music production

Entrance examination for MPA (Music)

Admission to PG Program in Music is through National Level Common University Entrance Test (50 marks) (CUET) conducted by National Testing Agency.

- Those selected in the written entrance examination will then be called for a practical test (50 marks) before final selection.
- Candidates are required to indicate in the application their preference of specialization in order of priority.
- Based on the prerequisite experience and the candidate's performance in the admission test and viva, the Department shall assign specialization streams to each of the selected students.

Faculty

The Department of Music has three faculty members and **Prof. M.S. Siva Raju,** Dept. of Dance, is currently the Head in charge of the Department of Music.

<u>Faculty – Assistant Professors</u>

1. Dr. Pavani D., Ph.D (Music) (Hyderabad), Carnatic Music
2. Dr. Aranyakumar M., Ph.D., (Music) (Dharwad), Hindustani Music

3. Dr. Pragya Pyasi, Ph.D., (Music) (Lucknow), Hindustani Music

SCHOOL OF MANAGEMENT STUDIES

The School of Management Studies (SMS) was established in 1999. The School has completed 23 years of excellence in providing Management Education and preparing business leaders for the global market. The School is acknowledged for its cutting-edge research, excellent teaching and learning activity in an intellectually stimulating environment. It promotes faculty and doctoral research, consultancy, training, and outreach activities in various sectors.

The Vision

The broad vision of the School is to continually strive to achieve excellence in management education, research, training, consultancy and outreach activities with a multi-disciplinary, multi-sectoral and developmental perspective.

The Mission

- To continually broaden the scope of application of management concepts to Infrastructural, Institutional, Environmental & Developmental services, Entrepreneurship and emerging areas in management.
- To promote the development of sound conceptual and adaptable functional and strategic skills among students.
- To encourage socially responsive managers of tomorrow.
- To instill a culture of lifelong learning and self-development among the students.

THE CORE ACTIVITIES

- Organizing the course work including electives
- Providing relevant inputs/skills - self-awareness and growth lab, organizational skills, summer internship, and project work
- Conducting Faculty and Management Development Programs
- Encouraging research by faculty and Ph.D. scholars
- Organizing seminars and encouraging participation in external seminars
- Collaborating with reputed National / International institutions / Industry
- Encouraging students to organize and participate in co-and extra-curricular activities

Prof. V. Mary Jessica is the Dean of the School.

Programs of study

MBA Program (MBA General)

The two-year MBA full-time program with an intake of 75 students is spread over four semesters. During the first two semesters, core and foundation courses are offered. These include Management Concepts and Approaches, Accounting for Managers, Finance, Marketing, Organizational Behaviour, Human Resource Management, Statistics for Business Analytics, Managerial Economics, Communication and Personal Effectiveness, Operations Management, Operations Research, Research Methodology, Business Analytics and Business Environment. In addition, a three-day intensive ***Self-awareness and Growth Lab*** is also organized during the first year.

The students are required to get practical exposure by undertaking eight weeks internship in an organization during the summer intervening between the second and third semesters. These internships are intended to familiarize the students with current management practices, real work environment and organizational culture. During the second year, the students have the opportunity to specialize in two select areas of their interest. These specializations are offered through electives and project work spread over the two semesters. The students may choose from the following specializations:

- Marketing Management
- Finance Management
- Human Resources Management
- Operations Management
- Business Analytics*
- Entrepreneurship

*The Students of MBA General who wish to opt for Business Analytics Specialisation/Elective should satisfy the following prerequisites:

1. They should have completed R/Python Programming in their Graduation OR should have completed a Certification course in R / Python Programming; and
2. They should obtain at least B+ Grade in Statistics and Operations Research in MBA First year.

The students also undertake a long-term research project during the final year. This is intended to provide research skills, thus enabling them to develop decision-making skills as managers. The major highlights thus are: Summer Internship, Long-term research based final projects Growth lab for self-awareness & development, Dual Specialization. Active academia – industry interface.

Admissions for the M.B.A.(General) 2023-24 academic year, with an intake of 75 students are completed on the basis of CAT-2022 scores.

MBA (Health Care and Hospital Management)

The School has been offering a unique MBA program in Health Care & Hospital Management since 2008-09. The two-year (four semesters) program is offered in association with leading hospitals to meet the challenges and opportunities offered by the growing health care industry in India. The program caters to specific needs of middle level administrators in hospitals / health care and related sectors. This comprehensive program will provide a professional qualification and insights into managerial functions for graduates who wish to take up health care and hospital management as a professional career. It will also be of immediate benefit to serving professionals in this sector.

The broad vision of the program is to strive to achieve excellence in the areas of health care and hospital management education, research, training, and consultancy on par with International benchmarks and standards. The broad mission is to prepare competent and trained hospital management professionals in a synergistic learning environment having strategic alliances with leading healthcare institutions in India and abroad. The major focus is on enhancing and enabling the existing mechanisms engaged in management of healthcare sector in India through capacity building programs, dissemination of knowledge through continuous interaction between academia and industry, and to promote developmental activities in health care sector.

Highlights of the Program

- Curriculum is spread over foundation and core courses in the first year and specialized courses in the functional areas in the second year
- Course curriculum developed by seeking inputs from senior hospital management and health care professionals
- Self-awareness and growth lab for personal effectiveness
- 8-10 weeks of summer internship to understand the nuances of the hospital environment
- Final project under the supervision of a Faculty guide in conjunction with an industry mentor

Program Pedagogy

The teaching/learning methodology is significantly interactive with case studies and group projects to study global health care and hospital management practices

- Interaction with eminent professionals from health care and hospital management
- Individual learning through guided assignments
- Personal growth/self-development and organization skill workshops
- Computer-based learning and audio-visual aids

During the period of study, the student will be required to carry out an 8 weeks summer project after completion of the second semester and final internship project work in any health care institution in the final semester. Efforts would also be made to provide the students a continuous learning opportunity through short-term projects and attachment with recognized hospitals. The intake, qualifications for admission and schedule for written exam/interviews for M.B.A. (Health care and Hospital Management) are provided in a tabular format in this brochure.

MBA (Business Analytics)

The School launched a very unique and innovative two year MBA in Business Analytics program in the year 2017. This program is spread over four semesters. It is supported by School of Economics, School of Computer and Information Sciences, School of Mathematics and Statistics, CR Rao Advanced Institute of Mathematics, Statistics and Computer Science and Industry. The course includes the basic foundation subjects of Management that include Management Concepts and Approaches, Finance, Marketing, Human Resource Management, Operations and Business Analytics subjects like Statistics for Business Analytics, Business Analytics for Decision Making, Machine Learning, Marketing and Retail Analytics, Big Data, Financial Analytics, Econometrics, HR Analytics, Manufacturing and Supply Chain Analytics etc. Lab sessions are also included in the course.

Students are required to get practical exposure by undertaking eight weeks internship in an organization during the summer intervening between the second and third semesters. These internships are intended to familiarize the students with current developments in the area of Business Analytics along with the management practices, work environment and organizational culture. The students also undertake a long term research project during the final year. It is intended to enhance their analytics skills enabling them to join organizations.

Highlights of the Program

- Curriculum is spread over foundation and core courses related to Management, Information Technology and Analytics in the first year and emphasis is placed on courses related to advanced Business Analytics in the second year.
- Course curriculum developed by seeking inputs from industry professionals and academicians.
- Self-awareness and growth lab for personal effectiveness.
- 8-10 weeks of summer internship to understand the working environment of the analytics industry.
- Final project under the supervision of a Faculty guide along with an industry mentor.

Course Curriculum and Program delivery

(The course curriculum is developed with active collaboration / involvement of industry professionals to provide the students with state of the art knowledge and practical orientation in the field of business analytics and management. The course is being offered to a limited strength of about 37 students plus 5 Industry sponsored candidates with key inputs from the Faculty of the school and other visiting Faculty with supplementary inputs from industry professionals.

• COURSE CURRICULUM – M.B.A. (Business Analytics)

	Semester I	Credits	Semester II	Credits
Year I	101: Principles of Management	4	201: Econometrics and Business Forecasting	4
	102: Organizational Behaviour& HRM	4	202: Financial Management	4
	103: Accounting for Managers	4	203: Operations Research	4
	104: Fundamentals of Marketing Management	4	204: Marketing Research	4
	105: Statistics for Business Analytics	4	205: Operations & Supply Chain Management	4
	106: Database Management Systems	4	206: Data Warehousing and OLAP	4
	107: Essentials of Business Analytics	4	207: Machine Learning & Data Mining	4
	108: Business Economics	4	208: Data Visualization	4
	109: Legal & Ethical Aspects of Business Analytics	4	209: Spread Sheet Modelling	4
	Foundation Course under CBCS	4	Foundation Course under CBCS	4
	Sub Total	**40**	Sub Total	**40**
	Semester III		**Semester IV**	
Year II	301: Strategic Management	3	401: Project Management	3
	302: Business Communication	3	402: Supply Chain Analytics	3
	303: Predictive Analytics	3	403: Project Work	9
	304: Text, Social Media & Web Analytics	3		
	305: Big Data Analytics	3		
	306: Marketing Analytics	3		
	307: Financial Analytics	3		
	308: HR Analytics	3		
	309: Emerging Trends in Analytics	3		
	310: Summer Internship	3		
	Sub Total	**30**	**Sub Total**	**15**

- Total credits in four semesters = 125

• COURSE CURRICULUM – M.B.A. (HC & HM)

Year I	Semester I	Credits	Semester II	Credits
	1.Managerial Theories, Approaches & Functions	4	1.Human Resource Management	3
	2.Organizational Behaviour	4	2.Financial Management	3
	3.Financial, Cost and Management Accounting	4	3.Revenue Cycle Management	3
	4.Marketing Management	4	4.Business Analytics for Decision Making	3
	5.Health Care Policies and Delivery Systems	4	5.Operations Management	3
	6.Hospital Planning and Organization	4	6.Health Economics	3
	7.Biostatistics	4	7.Hospital Functions and Support Services	3
	8. Soft Skills	4	8.Patient Care and Services Management	3
	9. Hospital Visits	4	9.Research Methodology	3
	Foundation Course under CBCS		Foundation Course under CBCS	4
	Sub Total	**40**	Sub Total	**31**
	Semester III		**Semester IV**	

Year II	1.Strategic Management	3	Project Work & Residency with an identified Health Care Service provider / Hospital.	9
	2.Supply Chain Management	3		
	3.Quality Management	3		
	4.Managed Health Care and Insurance	3		
	5.Health Laws, Ethics and Regulations	3		
	6.Medical Humanities	3		
	7.Hospital Management Information Systems	3		
	8.Marketing of Services	3		
	9.Epidemiology & Population Health	3		
	10.Health Analytics	3		
	11. Summer Internship	3		
	Sub Total	**33**	**Sub Total**	**9**

Total credits in four semesters = 113

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Foreign Nationals: 2023 MBA

Up to five international students may be considered for admission to the MBA program in absentia. Their selection would be based on:

- 60% marks or above or its equivalent grade in a Bachelor's degree in any field from an officially recognized University/institution in their country of residence;
- Proof of proficiency in English (score in TOEFL or equivalent Test or certification);
- Statement of purpose; and
- At least two academic references

Interested students should submit an application with full personal details, summary of academic records from high school onwards, attested copies of mark-sheets and TOEFL (or equivalent) scores, a brief (200 to 300 words) statement of purpose for pursuing the course, names and contact addresses of at least two referees**.** They shall also ensure that, if admitted they must join on by **30th August, 2023**.

The charges for hostel accommodation on campus for all students from abroad will be the same as paid by students from India. All fees and charges are subject to revision by the School/University from time to time.

Executive MBA Program

The School launched an MBA program for working professionals in the year 2019. This is a weekend MBA program offered for working professionals with minimum of three years of experience. It is designed to cater to the specific needs of working professionals who are planning transition to managerial roles. The Mission is to develop and nurture socially responsive managers with a holistic concern for a better environment and society. The students are offered all the courses of a regular MBA and fulfil the criterion of credits and receive an MBA degree. This "***Two Year Executive MBA*** program is offered ***under Graded Autonomy"***.

Highlights of the Program

- Curriculum spread over TWO years during weekends and offers foundation and elective courses in the Functional Areas.
- Course Curriculum developed according to Industry inputs.
- Courses taught by experts from Industry and Eminent Academicians.
- Scope for doing Internship in a Foreign University
- Specializations include Business Analytics Marketing, Finance, Human Resources Management, Operations Management and IT.
- Case based pedagogy in addition to the conventional modes of teaching.

Ph.D. Program

The School has been offering a Ph.D. program in Management Studies since 2000. The students are expected to produce a dissertation of international quality based on research in analytical and/ or applied areas of management. All the students admitted into Ph.D. program are required to undergo course work as stipulated by the UGC. In addition to the UGC mandated course work (as applicable), the School and or Supervisor may also advice their respective schoalrs to take up additional courses required to strenthegen their capacities in the specific domain. The course work usually includes the subjects in Statistics, Research Methodology, Advanced Data Analysis, Academic Writing and Publication Ethics. The School has been focusing its research on various contemporary issues of Management including the following:

- Banking
- Brand Management
- Business Analytics
- Corporate Finance
- Corporate Social Responsibility
- Customer Relationship Management
- Entrepreneurship
- Financial Markets
- Financial Services
- Health Care and Hospital Management
- Human Resources
- Investments
- Organizational behaviour
- Performance Management
- Risk Management
- Service Quality
- Supply Chain Management
- Technology Management
- Tourism and Hospitality Management

Note: Course work of a minimum of 12 credits is mandatory for Ph.D. program according to UGC guidelines 2022. The school conducts these courses so as to be completed within one year of admission into the PhD Program.
A Ph.D. scholar must obtain a minimum of 55% marks or its equivalent grade in the UGC 10-point scale in the course work to be eligible to continue in the program and submit his or her thesis.

Entrance Examination

➢ **MBA (General) -** Admissions for the MBA 2023-25 batch, with an intake of 75 students is on the basis of CAT-2022. The admissions are completed. Candidates planning to take MBA admission for the academic year 2024-25 academic session are advised to check for forth- coming admission notification. The notification can be accessed on the University website (www.acad.uohyd.ac.in).

Admission to other three MBA courses are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

- **Ph.D. Program-** Applicants satisfying the minimum qualifications will be required to take an entrance exam. Entrance exam will be for 70 marks (comprising multiple choice questions in Research Methodology, Logical reasoning, Analytical ability, Data analysis & Interpretation etc. for 35 marks and Principles of Management, Managerial Economics, Marketing Management, Accounting, Costing, Financial Management, Human Resources Management, Operations Management, Strategic Management, Business Statistics, Operations Research etc. for 35 marks). The shortlisted candidates among the qualified will be called for an interview. Applicants will be required to submit, along with the application, a brief tentative proposal (about 500 words) on their proposed topic of research. The eligibility criteria and the dates of entrance exam and interview are mentioned in a tabular format in this brochure. The final merit list will be released by the Controller of Examinations office on the basis of the enetrance and interview performance of the candidates.

Professors

V. Venkata Ramana, M.B.A. (Sri Krishnadevaraya), Ph.D. (Management - Osmania) - Marketing Management, General Management, Corporate Strategy and CRM and Services Marketing. **(on deputation)**

P. Jyothi, M.A., Ph.D. (Psychology - Osmania) - Organizational Behaviour, Human Resource Management, Organizational Development, and Entrepreneurship.

Raja Shekhar Bellamkonda, B.Tech. (Civil - Acharya Nagarjuna), M.B.A. (Osmania), Ph.D. (Management - Kakatiya), M.Sc., Ph.D. (Psychology - Sri Venkateswara), M.A. (Education-IGNOU), FDP (IIM, Ahmedabad), PGDPMIR (Kakatiya), PGDCS (Hyderabad) - Quantitative Techniques, Service Quality, Business Analytics, Research Methodology, Industrial and Organizational Psychology.

Mary Jessica, M.Com., Ph.D. (Management - Osmania) – Corporate Finance, Financial Services, Investment Management and International Financial Management, Financial Inclusion, Financial Well-being, SDGs. **(Dean of the School)**

G.V.R.K. Acharyulu, B. Tech. (Chemical- Andhra), M. Tech. (Chemical – NIT Warangal), M.B.A. (Osmania), Ph.D. (Management - Osmania), DPM (Annamalai) - Quantitative Techniques, Operations Management, Supply Chain Management, Health Care Management and Business Analytics. **(on sabatical).**

Vijaya Bhaskar Marisetty, M.B.A (Sri Krishnadevaraya), M.S. (RMIT, Australia), Ph.D. (Management- Monash, Australia), PDF (Wharton School, University of Pennsylvania & ISB, Hyderabad) – Investments, Financial Regulation, Indian Financial Markets; Corporate Governance; Machine Learning Applications in Finance.

Chetan Srivastava, MBA, Ph.D. (Management - Osmania), PGCCA, MCSD - Strategic Marketing. International Marketing, Advertising, Sales Management, IT in Management.

Associate Professors

Sapna Singh, MBA, Ph.D. (Management - Osmania) - Marketing, Branding and Advertising.

I. Lokanandha Reddy, MBA (Sri Krishnadevaraya), Ph.D. (Management - JNTUH) - FDP (IIM, Ahmedabad) - Corporate Finance, Investment Analysis, Strategic Financial Management and Business Analytics.

R. Prasantha Kumar, M.Com., M Phil., Ph.D.(SVU), FDPM (IIM Indore), NET & SET, Corporate Finance & Accounting, Investments, Startup Finance Modeling, Entrepreneurship.

Assistant Professors

D.V. Srinivas Kumar, B. Tech. (Acharya Nagarjuna), MBA (Andhra), Ph.D., (Management- Hyderabad), FDP (IIM, Indore) - Services Marketing, Customer Relationship Management and Business Analytics. **(Coordinator- MBA General).**

K. Ramulu, M.Com (Kakatiya), MBA (DRBRAOU), M. Phil. (Commerce - Nagpur), Ph.D. (Management-Kakatiya) - Materials Management-Financial Management, Financial Accounting, Management Accounting, Financial Risk Management, Security Analysis and Portfolio Management and Financial Markets.

Punam Singh, MBA(ISM-IIT, Dhanbad), Ph.D. (Management - JNTUH) - Human Resource Management, Organisational Behaviour, Corporate Social Responsibility, Performance Management and Compensation Management.

Pramod Kumar Mishra, M.Sc. (Mathematics- NIT Rourkela), MBA (Biju Patnaik), Ph.D. (Management-Hyderabad), PDF (IIM, Bangalore)- Supply Chain Management, Logistics Management, Mathematical Modelling and Business Analytics**. (Coordinator- MBA Business Analytics).**

Murugan Pattusamy, M.B.A., Ph.D. (Management-Anna University) – Work-family issues, Role of technology in HRM, Student engagement and academic performance (**Coordinator- PhD).**

Varsha Mamidi, M.B.A. (Osmania), Ph.D. (Management-Monash University, Australia) - Machine Learning, Predictive Analytics, Financial Analytics, Big data**.**

Dr. Ranjit Kumar Dehury, BHMS (Homeopathy-Utkal), MHA (Hospital Administration-TISS, Mumbai), Ph.D. (Health Systems-IIT, Kharagpur)-, Health Systems Studies, Public Health, TQM in Hospital, Strategic Management in Health Care, Health Manpower Planning, Marketing Management of Health Care, Global Health Diplomacy, Healthcare Data Analytics. **(Coordinator-MBA HC&HM)**

Honorary Professor
Prof. B. Kamaiah, Ph.D. (IIT, Bombay) – Monetary and Financial Economics.

Some of the key invited visiting Faculty:

1. **Prof. Arun K Tiwari**, Scientist, Author, Professor, Hyderabad
2. **Dr. Suresh K**., Business Analytics Practioner, Hyderabad
3. **Dr. B.N.V. Prathasarathi**,Ex-Senior Banker, Financial & Management Consultant, Hyderabad
4. **Dr. Zafer Hashmi**, CAS-RMO, Osmania General Hospital, Hyderabad.
5. **Dr. G. Manoj Kumar,** Associate Professor, Advanced Center of Research in High Energy Materials, University of Hyderabad.

In addition, several local and international senior managers and management experts are regularly invited to interact with the students as Guest Speakers.

SCHOOL OF MEDICAL SCIENCES

The School was established with a mission to "Promote, Nurture and Achieve Excellence" in frontier areas of Medical and Health Sciences by offering novel teaching and research programs. The school specifically focuses on outcome-based education, evidence-based teaching and learning and empowers the students with translational health services and research. The inter and multidisciplinary nature of the School by its establishment collaborates with the School of Life Sciences, School of Management Studies, School of Social Sciences, School of Economics, SN School of Arts &Communication, and Centres of the University involved in Health Sciences research. The School of Medical Sciences has several Adjunct, Joint and Visiting Faculty from the University and other Institutes who actively participate in the multidisciplinary teaching and research programs. The School of Medical Sciences is DST- FIST supported. The Centre for Health Psychology (CHP) and the Centre for Neural and Cognitive Sciences (CNCS) are two centres affiliated with the School.

Programs of Studies:

The School offers the following academic program:

1. Integrated Master of Optometry (I M. OPTOM): The **6-year Integrated M.OPTOM.** The course is designed to train the students in different aspects of optometry and incorporates extensive practical skills and one year of mandatory clinical internship during their 4th year of training. The students spend part of the first year at the College of Integrated studies learning courses common for science; the second, third, fifth and sixth years at the School; and in the fourth year, they undergo a compulsory rotatory clinical Internship. The clinical internship can be undertaken at any of the recognized Institutions approved by the SoMS like L V Prasad Eye Institute, Centre for Sight, Hyderabad, Pushpagiri Eye Institute, Hyderabad, Swaroop Eye Hospital, Hyderabad, Sankara Eye Hospital, Bengaluru, Dr. Shroff's Charity Eye Hospital, New Delhi upon fulfilling the selection criteria of written test and or interview conducted by the clinical institution at the end of their third year. Some of the clinical institutions charge fees for the internship which has to be paid by the student. During the Internship, the student is required to make their own arrangements for transport from University to the Clinical Internship centres.

No of Seats = 28
Eligibility for the Integrated Master of Optometry (I M.OPT)
The eligibility for admission to the course is based on a written test. The written test paper based on the XII Board syllabus will have a total of 100 objective type questions in Biology, Chemistry, Physics, Mathematics, and English.

Selection criteria
With a minimum of 60% aggregate marks in Intermediate/CBSE/ICSE/HSC or equivalent Board Examination with Science subjects.

2. Master of Optometry (M.OPT):

- **This** Masters program is for optometrists seeking to accelerate their career growth path in academics, clinical practice, and research skills.
- This course offers advanced knowledge and experience in optometry and vision science introducing various specializations via electives in specialized core subjects related to optometry and vision sciences e.g., recent advances in eye care management, the neural basis of vision, community eye care, contact lenses, binocular vision, vision therapy, medical devices technology, etc. It also includes clinical experience in UoH campus and other recognized institutions.
- The students are expected to do a project work and harness clinical skills as per the requirement of UGC and the professional council

- This course is in complaince with the Common Minimum Curriculum recommended by the Ministry of Health and Family Welfare.

Duration of the course:

- This course is designed to be a two years' full time program including clinical and research project work.
- The program comprises a four-semester study that is evaluated based on the credit system.
- A total of 19 core courses Including clinical practice, and a research project are mandatory for successful completion of the program of study.

No of Seats = 10

Eligibility criteria

- Applications must have completed a four-year undergraduate degree in Optometry With a minimum of 60% aggregate marks in from any UGC recognised Universities

Selection criteria

- Based on the CUET/UoH entrance test.
- Written test paper is based on the Bachelor of Optometry syllabus and the courses offered in the program. A total of 100 objective-type questions from the undergraduate Optometry syllabus

3. Master of Public Health (MPH)

The major objectives of the MPH Program are as follows:

● Prepare professionals to work in public health in socially, culturally and economically diverse populations by being attentive to needs of vulnerable and disadvantaged groups.

● Promote public health research in institutional and field settings.

●Train professionals for teaching /training posts in public health institutions for disability, Community nursing, ageing and gender sensitive issues and health project management.

● Promote qualities of leadership among public health professionals and effectively use communication skills for health advocacy.

Duration of the course: This course is designed to be a two years' full time program including internship and research project work. The program comprises a four-semester study that is evaluated based on the credit system. A total of 14 core courses (Including Public health practise field visits), 3 elective courses, internship and a research project are mandatory for successful completion of the program of study. In addition to these courses, the students must take two foundation courses (6 credits) offered by various Departments/Schools under the University choice-based credit system.

The students are required to get practical exposure by undertaking internship in an organization with an aim to integrate learning and practice in an active public health organization. These internships are intended to familiarize the students with current public health issues and public health practices and programs and policies. This will be undertaken at governmental or non-governmental public health organisations or program management units. The internship should include the candidate's role and support in assessing, monitoring, or conducting surveillance of health problems/services in a population; research on population-based health problems; developing and/or implementing policies and intervention strategies to meet public health needs. Overall, it should contribute to the organization, and should help in understanding public health management and coordination and gaining personal confidence and leadership experience.

Although finding a suitable internship opportunity lie with the candidate him/herself, mentors will facilitate the process. After the completion of internship, candidates will be expected to submit a summary of public health program/challenges dealt and solutions proposed or implemented during internship and present the report along with signature of the attendance by the concerned mentor/authority.

The internship of 4 credits will be undertaken during the summer intervening between the second and third semesters. The duration of internship will be six to eight weeks.

Eligibility: Bachelor's degree in Medicine, Dentistry, AYUSH, Physiotherapy, Occupational therapy, Nursing, Nutrition, Pharmacology, Veterinary Sciences, Agricultural Sciences, Social Sciences or any other science degree. Degree holders in arts and humanities with an interest in public health are also encouraged to apply.

No of Seats = 38
Selection is through entrance examination. The written test paper would be based on Bachelors degree syllabus in public health and allied specialties and will have a total of 100 objective type questions covering above cited subjects.
Admission to M. Optom and Master of Public Health courses are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

4. Ph.D. in HEALTH SCIENCES:

This year the School is offering Ph. D. in Health Sciences in Public Health only. The intake of candidates as specified below, and will follow all the regulations as stipulated under the MHRD/UGC/Notification dated 5th May 2016.

A) PhD Health Sciences (Public Health)

Eligibility:

(i) PhD Health Sciences (Public Health)

a. Master's Degree in Public Health with at least 55% marks in aggregate in qualifying examination.
b. Master's degree in any stream of Health Sciences, Indian Systems of Medicine, Nursing, Applied sciences, Allied Health Sciences, with at least 55% marks in aggregate in the qualifying examination.
c. Master's degree holders in Life sciences, Social Sciences, Medical Social Work, Behavioural sciences, Health Management and Health Administration with at least 55% marks in aggregate in the qualifying examination.

Applicants of b. and c. categories above should have demonstrable & documented Public Health Experience of 2-years produced as a certificate, in addition to the minimum qualifications criteria which will be assessed during the time of interview.

Procedure for admission:

Selection process: Entrance Examination followed by Interview. JRF in Social Medicine & Community Health of UGC-NET with eligibility are also eligible to appear for interview in Ph.D. Health Sciences – Public Health stream without appearing for Entrance Examination.

EntranceExamination:

The Entrance Examination will carry a total of 70 marks and divided into 2 sections.

Section A - The entrance examination question paper will have 50 % of questions (35 questions) in Section A which will have negative marking of 0.33 for every wrong answer. This section will have multiple choice questions based on general sciences aptitude plus analytical & basic research skills.

Section B – Specialty paper in public health for 35 marks will not have negative marking

The final marks will be moderated in order to make available atleast 6 screened candidates for one Ph.D. seat.

Selection of final candidates for the Ph. D program in public Health will be based on written test and interview put together.

Note:

- Candidates who have qualified for UGC-JRF are exempted from taking the entrance test and will be given 35 marks for the entrance test. However, they may write the exam if they wish to and, in that case, the higher of the two scores will be considered for their admission criteria.

Compulsory Course Work – 14 credits including common courses and specialization related courses.

All other guidelines will be as per what is published in the prospectus of the University of Hyderabad 2022-23

All the shortlisted candidates for the interview are requested to submit a research proposal prior to the interview.

Faculty

Professors

Geeta K. Vemuganti, DCP MD (Path), DNB (Path), FAMS, FICP (University of Rajasthan, Nizam's Institute of Medical Sciences, National Academy of Medical Sciences) -- Adult Stem Biology research, Cancer stem cells, Ocular tumors and Ocular infections **(Dean of the School**).

B. R. Shamanna, MD, DNB (MCH), DNB (SPM), M. Sc. (Lon.) (Karnataka University, All India Institute of Medical Sciences, National Academy of Medical Sciences, University of London).Health and Welfare Economics, Monitoring and evaluation of public health programs, Implementation research, and Health technology assessment.

Associate Professors

Athar Habib Siddiqui, Ph. D (AMU, Aligarh) –Integrative physiology, Cardiovascular biology, Hypertension, Clinical Biochemistry.

Mahadev Kalyankar, Ph. D (University of Hyderabad, Hyderabad) – Diabetes, Insulin Resistance and Metabolic Disorders, Obesity, Fatty Liver.

K. Ajitha, MD, Ph.D. (Public Health) (SRM University Tamil Nadu)- Disability studies, Ageing, Road Traffic Injuries, Tribal health and Epidemiology of communicable and Non Communicable diseases.

C. T. Anitha, MD, MPH (Rajiv Gandhi University of Health Sciences, University of South Florida, USA) - Food safety, Public health Nutrition, Maternal and Child health.

Assistant Professors

M. Varalakshmi, M. Sc (Nursing), Ph. D. (Nursing), MBA (Hosp. Admn.), PG Diploma in Bioethics, MA Edu. –Translational research in Healthy Ageing, Socio behavioural health, Adolescent health, Women- Child Health, Non-Communicable diseases with Gender and equity dimensions.

Konda VenkataNagaraju , Ph. D (Optometry and Vision Sciences, University of New South Wales, Sydney) - Contact lenses, Ocular surface, Dry Eye and Innate immunity, antimicrobials and Eye care technologies.

M. Surya Durga Prasad, MBBS, MD (Community Medicine) (Osmania) - Basic and applied Epidemiology, Communicable and Non-communicable diseases.

CENTRE FOR HEALTH PSYCHOLOGY

Health Psychology is a field with holistic approach to Health and Well-being. The holistic approach shifts the emphasis of health from biomedical to biopsychosocial models. Health Psychology is the field within Psychology that studies every aspect from wellness to illness. It focuses on health promotion and maintenance; prevention and treatment of illness; the etiology and correlates of health, illness and dysfunction, and improvement of the healthcare system.

The Centre for Health Psychology is the first ever Centre in the Country, and was established in the University in 2007. The research focus of the Centre includes biopsychosocial aspects of Health, including chronic illness, quality of life, ICU trauma, behavioural cardiology, community health psychology, child and adolescent health, eproductive health, psycho oncology, geriatric health, health issues in women, behavioural diabetology, occupational health, disability studies, resilience studies, and positive health. Special emphasis is given to Indian approach to health and wellness.

Infrastructure

The Centre is equipped with Experimental Laboratory, Counseling Laboratory, Behaviour Technology Laboratory, and Sleep Laboratory. The Experimental Laboratory has modern digital instruments and more than 200 standardized psychological tests. The Counseling Laboratory is a state-of-the-art laboratory to train the students in micro skills of counseling. The Behaviour Technology Laboratory is well-equipped with a good number of equipment such as a Biofeedback machine. The Sleep Laboratory is equipped with a Polysomnography system to conduct research related to sleep.

Placements

Almost all the students who completed their course in Integrated MSc & MSc Health Psychology have found good placements in educational and research Institutes such as UoH,

BHU, Central University of Tamil Nadu, Central University of Karnataka, All India Institute of Medical Sciences, Banaras Hindu University, Tata Institute of Social Sciences, deemed to be Universities and also in national government organizations such as DIPR. Several students have joined Ph.D. in Universities in India and abroad. On completing Ph.D. our students have been placed in Universities and Colleges in teaching positions, in hospitals as Health Psychologists and in Organizations or Institutions.

Existing Programs of study

1. M.Sc. (5-year Integrated) in Health Psychology (with exit option – B.Sc. Psychology)
2. Two-year M.Sc. in Health Psychology
3. Ph.D. in Psychology

*NEP implementation started with 2022 batch of IMSc Health Psychology admissions.

Faculty

Dr. G. Padmaja (Head & Associate Professor) M.A., M. Phil, Ph.D. – Health Psychology, Counseling Psychology, Psycho-oncology, Geriatric Health and Health Issues Related to Women

Prof. Meena Hariharan (Professor) Ph.D. (Utkal) – Stress & Coping, Behavioural Cardiology and Resilient Studies

Dr. N.D.S. Naga Seema (Assistant Professor) M.A., Ph.D. – Community Health Psychology, Developmental Psychology, Psychology of Women, and Yoga

Dr. Meera Padhy (Assistant Professor) MPhil, Ph.D.–Developmental and Educational Psychology, Health Psychology, Behavioural Diabetology and Occupational Health

Dr. Suvashisa Rana (Assistant Professor) M.A. (Gold Medal), MPhil, B.Ed. (SE-MR), LL.B. Ph.D.– Positive Psychology, Psychometrics, Positive Organisational Behaviour

Dr. C. V. Usha (Assistant Professor) M.A., PGDCP, Ph.D. – Behaviour Cardiology, Clinical Health Psychology, Community Health Psychology and Child and Adolescent Health

Dr. C. Vanlalhruaii (Assistant Professor) M.A., Ph.D.–Health Psychology, Psycho Oncology, Caregiver Health

Visiting Professors

Prof. Gyan mudra, Head & Professor, Centre for Human Resource Development, NIRDPR, Hyderabad

Dr. N. Balakrishna, Scientist 'E' (Retd.), National Institute of Nutrition, Hyderabad

Prof. N. C. Pati, PG Dept. of Applied Psychology, Chetana College of Special Education, RRL Campus, Bhubaneswar

Prof. A. S. Dash *(Late)* Utkal University

Dr. B. Sesikeran, Former Director, National Institute of Nutrition, Hyderabad

Dr. Saroj Arya, Retd. Clinical Psychologist, NIMH, Hyderabad

Dr. Susie Hariharan, Research Physician, Apollo Hospitals, Hyderabad

Prof. A.K. Saxena, Retd. Professor of Psychology, SVP National Police Academy, Hyderabad

Dr. Manika Ghosh, Director, Eudaimonic Centre for Positive Change and Well-being, Bangalore

Current Visiting faculty
Dr.Venugopala Rao Manneni, PhD (Sttaistics)

Guest Faculty
Dr. Durgesh Nandinee, M.Sc, PhD (Health Psychologist) Hyderabad
Dr. Shanmukhi. S, M.A, M.Phil (Clinical Psychology), Ph.D
Dr. Aarti Nagpal M.Sc, Ph.D (Health Psychologist) Hyderabad

Visiting Fellow
Dr. Rakesh Kumar Jain, Senior Clinical Psychologist, IMHH, Billochpur, Agra

Entrance Examination:
Admissions to 5-Year Integrated PG and the **PG courses** are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.

Eligibility Criteria of programs of study

The eligibility criteria for M.Sc Health Psychology (5 Year Integrated) course will be based on **+2 level** or equivalent in Arts or Sciences. The eligibility criteria for M.Sc Health Psychology (2 Year) course will be based on **Graduation with at least one paper as an optional paper in Psychology consistently for three years of graduation**. The eligibility criteria for Ph.D. course will be according to **UGC Regulations 2016**. However, **Masters degree in Psychology** is essential.

CENTRE FOR NEURAL AND COGNITIVE SCIENCES

The Centre for Neural and Cognitive Sciences (CNCS) is a multidisciplinary research centre affiliated to the School of Medical Sciences, University of Hyderabad, offering research degrees in the areas of Neurosciences and Cognitive Sciences. At present, Centre offers PhD (Cognitive Science) and MSc (Neural and Cognitive Sciences) courses. The Centre has four permanent faculties who specialize in Neurosciences, Cognitive Sciences and sub-disciplines therein with additional adjunct faculty from other departments and Schools. The Centre has been actively participating both nationally and internationally over a period of time in training, collaboration and dissemination of knowledge in these areas. The Centre has conducted many national and international events over the years which have made the Centre and its work known to researchers and students widely. The Centre has excellent research facility to provide theoretical and experimental training to research students in the areas of Neurosciences and Cognitive Sciences; although with expansion in teaching and training requirements, more is needed in terms of research infrastructures keeping in account of this dynamically evolving field. The Centre's faculty members have excellent publication record in their respective areas of research and they constantly participate in international and national events that include workshops, symposia, etc. The Centre has received research support from DST, DBT and other bodies over the years. The Centre's research and teaching activities have also been actively supported by many other faculties from different departments and schools of the University resulting in excellent cross fertilization of knowledge. The multidisciplinary nature of its research program has attracted students from different disciplines who wish to do research in Neuroscience and Cognitive Science**.**

Programs of study

The Centre offers MSc (Neural and Cognitive Sciences) and PhD (Cognitive Science) programs.

Entrance Examination
M.Sc. Program in Neural and Cognitive Sciences:
Admission to PG courses are through are through national level Common University Entrance Test (CUET) conducted by National Testing Agency.
entrance examination.
Ph.D. Program in Cognitive Science
Selection will be on the basis of an entrance test followed by an interview. However, candidates with JRF (from CSIR, UGC, ICMR, DBT, etc.) have the option to come in for an interview with 40 marks or with the marks obtained in the entrance test (whichever is more) if they satisfy the prerequisite conditions as mentioned above. The question paper for the test will carry 70 objective type questions (70 marks) to be answered in two hours. The question paper will have two sections I and II. The first section will be testing on numerical, verbal and logical aptitude (35 marks). The second section will have questions from Neuroscience and Cognitive Science (35 marks).

Break up of weightages for Ph.D. interviews
Weightage Marks
1. Research Proposal and its defence: 08 marks
2. Having fellowship/M.Phil/NET/set: 02 marks
3. Interview component: 20 marks

Faculty
Professors
Prof. Ramesh Kumar Mishra (Head)
Associate Professors
Dr. SudiptaSaraswati
Dr. Joby Joseph
Assistant Professor
Dr. Akash Gautam

SCHOOL OF ENGINEERING SCIENCES AND TECHNOLOGY

About the School
School of Engineering Sciences and Technology (SEST) was established in the academic year 2008-09 with an objective to "impart research-oriented education and pursue high quality research in emerging multi-disciplinary areas encompassing science, engineering and technology". At present, SEST offers M. Tech. in Materials Engineering, Nanoscience and Technology, Manufacturing Science and Engineering and Ph.D. programs in Materials Engineering and Nanoscience and Technology and in the near future, SEST intends to offer programs in other frontier engineering disciplines. SEST provides an ideal environment to pursue cross-disciplinary research in engineering sciences and technology by taking advantage of the well-established facilities and expertise available within the School and in the University campus. SEST also collaborates with premier research institutions located in and around Hyderabad (namely DMRL, IICT, ARCI, NFC, NFTDC and RCI), most of which are also formally recognized as school's external research centres. The school has already been recognized for its excellence by the DST with funding to the tune of Rs. 240 Lakhs under its FIST program. The school, since its inception, has been able to attract research grant of more than Rs. 1000 Lakhs from various external funding agencies.

Programs of Study

The School admits students to the M. Tech. (Materials Engineering), M. Tech. (Nanoscience and Technology), M. Tech (Manufacturing Science and Engineering), Ph.D. (Materials Engineering), and Ph.D. (Nanoscience and Technology) programs.

The **M. Tech.** program is of two years duration, of which the first two semesters will be devoted to course work. The curriculum lays emphasis on giving a broad exposure to all aspects of Materials Engineering, consistent with the interdisciplinary nature of the subject and students will also be given options in choosing elective courses. The third and fourth semesters will be spent on a research project (under the supervision of a faculty member) leading to a dissertation. The dissertation will be evaluated by an external expert, following that the student should defend the work carried out in a *viva voce* exam. Details of the course structure can be found on the University's website.

The **Ph.D.** program involves carrying out research in the areas of interest to the faculty members of the School. The candidates have to undergo prescribed course work (as per the UGC guidelines), the successful completion of which is a pre-requisite for confirmation of Ph.D. registration. After completion of coursework, the student will undertake research under the guidance of a faculty member of the School. The research progress of the student is reviewed periodically by a Research Advisory committee (RAC). Based on the recommendations of the RAC, research work can be carried out either within the University or at one of its formally recognized external research centres. The students are expected to actively participate in research seminars and submit progress reports of their research work. The Ph.D. requirements also include presentation of the research work in a comprehensive seminar prior to submission of the doctoral thesis. Thus submitted thesis will be evaluated by the external experts. Based on the recommendation of the external examiners, the student will be asked to defend the research work in an oral examination in support of the thesis.

Faculty

Professors

DibakarDas, Ph.D. (IIT, Bombay) **(Dean of the School)**
Jai Prakash Gautam Ph.D. (TU-Delft, The Netherlands)
Vadali V. S. S. Srikanth, Dr.-Ing. (University of Siegen, Germany)
Koteswararao V. Rajulapati, Ph.D. (North Carolina State University, USA)

Associate Professors

Raj Kishora Dash, Ph.D. (RPI, USA)
Swati Ghosh Acharyya, Ph.D. (HBNI, Mumbai, India)

Assistant Professors

Venkata Girish Kotnur, Ph.D. (TU-Delft, The Netherlands)
K. Guruvidyathri Ph.D. (IIT- Madras, Chennai and NTHU Taiwan)

Adjunct Professors

Sudharshan Phani, Pardhasaradhi, Ph.D. (University of Tennessee, Knoxville, USA)
Gururaj Telasang, Ph.D. (IIT, Kharagpur)

Entrance Examination

I. Admission to M.Tech. in Materials Engineering:

Admission to the M.Tech. program shall be based on a valid GATE score, in order of merit, in Metallurgical Engineering, Mechanical Engineering, Manufacturing Engineering, Production and Industrial Engineering, Aerospace Engineering, Ceramic Engineering/Technology, Chemical, Physics, Chemistry, Engineering Sciences. The number of seats in this program will be 18. **The admission for this program is through Centralized Counselling for M. Tech., i.e., CCMT.**

II. Admission to M. Tech. in Nanoscience and Technology:

Admission to the M.Tech. program shall be based on a valid GATE score, in order of merit, Metallurgical Engineering, Mechanical Engineering, Manufacturing Engineering, Production and Industrial Engineering, Ceramic Engineering/Technology, Chemical Engineering, Physics, Chemistry, Engineering Sciences, and Electronics Engineering. The number of seats in this program will be 18. **The admission for this program is through Centralised Counselling for M. Tech., i.e., CCMT.**

III. Admission to M. Tech. in Manufacturing Science and Engineering:

Admission to the M. Tech. program shall be based on a valid GATE score, in order of merit, Metallurgical Engineering, Mechanical Engineering, Manufacturing Engineering, Production and Industrial Engineering. The number of seats in this program will be 18. **The admission for this program is through Centralized Counselling for M. Tech, i.e., CCMT.**

IV. Admission to Ph.D. Program in Materials Engineering:

Admission shall be based on a written test followed by an interview for short-listed candidates. The syllabus for the subject related questions will cover some or all of the following disciplines: Mechanical Engineering, Metallurgical Engineering, Ceramic Engineering, Physics, Engineering Sciences, Chemical Engineering, and Manufacturing, Production and Industrial Engineering of BE/B. Tech. level and Physics, Chemistry/Industrial Chemistry and Mathematics of M.Sc./B.Sc. level.

JRF qualified candidates are not exempted from the written examination but they will be given weightage as specified.

Course Work Requirements:

Candidates admitted to the Ph.D. program will be required to undergo a mandatory core course work, besides any additional courses that may be recommended by the research advisory committee (RAC) to meet the demands of their research.

V. Admission to Ph.D. Program in Nanoscience and technology:

Admission shall be based on a written test followed by an interview for short-listed candidates. The syllabus for the subject related questions will cover some or all of the following disciplines: Mechanical Engineering; Metallurgical Engineering; Nanoscience and technology; Physics; Engineering Sciences, Chemical Engineering of BE/B. Tech level and Physics, Chemistry/Industrial Chemistry, and Mathematics of M.Sc./B.Sc. level;

JRF qualified candidates are not exempted from the written exam but they will be given weightage as specified.

Course Work Requirements:

Candidates admitted to the Ph.D. program will be required to undergo a mandatory core course work, besides any additional courses that may be recommended by the research advisory committee (RAC) to meet the demands of their research.

VI. External Ph.D. Registration:

The admission procedure shall be the same as that in the case of regular admissions to the Ph.D. programs.

Candidates admitted under this category shall be free to work at one of the School's formally recognized external research centres under joint supervision of a faculty member from the School and an approved Ph.D. supervisor from the recognized institution.

Candidates admitted will be required to undergo a mandatory core course work, besides any additional courses that may be recommended by the research advisory committee, to meet the demands of their research. Admission under this category will be made only if there are interested faculty members.

VII. Foreign Candidates:

Foreign nationals seeking admission to the M. Tech. (Materials Engineering/ Nanoscience and Technology/Manufacturing Science and Engineering)/Ph.D. (Materials Engineering/ Nanoscience and Technology) programs should also possess the requisite qualifications as in the case of regular students.
Candidates should have the ability to communicate in English and, in order to support this ability, a good score in TOEFL or a similar internationally recognized test is essential.

In addition, candidates should submit details of the course contents of the qualifying degree as well as letters of reference (including contact information of the referees) along with their application. PhD admission under this category will be made only if there are interested faculty members.

Research Areas

There are **seven (7)** vacancies in Ph.D. (Materials Engineering) in the following areas: *Magnetic ceramics for microwave applications, Structural integrity of ship steel, Computational Materials Engineering for new alloy development, Additive manufacturing of Fe-Si alloys for Electrical applications, Alternative routes of Iron ore fines beneficiation, Structure-property correlation in advanced high-strength steels, Development of Energy Materials for Energy Harvesting Applications*

There is **one (1)** vacancy in Ph.D. (Nanoscience and Technology) in the following area: *Thermodynamic modelling of nano-grained bulk alloys*

It may be noted that these are broad research areas indicated by faculty members, interested in taking PhD students for the current academic year and specific research problems/title of the PhD thesis may vary from these titles.

CENTRE FOR INTEGRATED STUDIES

The University established a separate Centre for Integrated Studies (CIS) in the year 2006-2007. The Centre has been nurtured over the years to promote truly integrated courses both in the sense of vertical integration and horizontal integration, that have received a high

appreciation by scholars at home and abroad. Currently, the Centre coordinates 5-year Integrated Master's Programs in some select disciplines in Sciences, Humanities and Social Sciences. It coordinates administration of the programs in the first Four/Six semesters and then the students are transferred to the parent departments/Centres for the teaching of the remaining courses in the last 3/2 years of their program. The course structures are aligned with the NEP 2020 guidelines w.e.f 2022-23 academic year, offering multiple exit options. Currently Prof. BV Sharma and Prof. Salman Abdul Moiz are acting as Director and Associate Director of the Centre for Integrated Studies.

The facilities:

Laboratories: The CIS has six laboratories with all the necessary and high-end equipment like Centrifuges, -80 Degree centigrade Freezers, UV-spectrophotometers, Rotary Evaporators, mechanical Shakers, Oscilloscopes, Telescopes, highly sanitized working fume hoods etc. for conducting the Lab courses relating to the I.M.Sc. programs. The Lab courses in the first four semesters of I.M.Sc Health Psychology are, however conducted by the Centre for Health Psychology located in a separate building.

Computer Lab for visually challenged students: The computer lab with the required number of systems and software like screen reading software (JAWS & NVDA), and Braille printers that is managed by two staff members is an important resource provided for visually challenged students who join different Integrated programs.

Library: The fully digitized Central Library in the university with over three lakh collection of books and journals is one of the best Libraries in the country. In addition to this, there is a Library attached to the CIS itself with a collection of more than 14000 books to meet most of the needs of the students during their studies at CIS. The library is open from 09.00 a.m. to 5.30 a.m. on all working days.

Computer Lab: The CIS has the facility of IT lab with more than 100 systems and with wi-fi facility. This is used for teaching-learning of IT (Basics) and IT (Advanced) courses, that are mandatory interdisciplinary courses for all the students of the Integrated programs. This facility can also be used by the needy students for the needs of other courses.

Admission:

The students for the different programs administered by the CIS are admitted through the CUCET conducted by the National Testing Agency. The details of this examination including the intake, minimum eligibility and other details are notified by the Controller of Examinations of the University. In addition to the admission of Indian students through the common entrance test, the university admits foreign students too to various programs and these admissions are coordinated by the office of the International Affairs, University of Hyderabad.

Minimum number of credit requirements

The students are required to earn minimum number of credits prescribed by the university by choosing the courses under different categories such as University level mandatory courses, Disciplinary Major, Disciplinary Minor, and Interdisciplinary courses that are offered in each semester to be eligible to take the Master's Degree on completion of the 10 semesters. The minimum credits required for earning Master's Degree through the integrated program varies between 200-235 for different programs. The requirements for different I.M.Sc., and I.M.A. programs are as shown below:

Program	Credits in the Disciplinary Major	Total Credits
I.M.Sc (Mathematics)/ (Statistics)	116	208

I.M.Sc (Physics)	168	229
I,M.Sc (Chemistry)	141.5	214
I.M.Sc (Applied Geology)	142	211
I.M.Sc (Plant Biology and Biotechnology)	115	206
I.M.Sc (Animal Biology and Biotechnology)	115	206
I.M.Sc (Biotechnology and Bioinformatics)	120	211
I.M.Sc (Biochemistry)	119	210
I.M.Sc (Microbiology and Immunology)	114	205
I.M.Sc (Systems and Computational Biology)	115	206
I.M.Sc (Health Psychology)	132	203

I.M.A (Economics)	104	204
I.M.A (Political Science)	112	210
I.M.A (Sociology)	112	210
I.M.A (History)	120	210
I.M.A (Anthropology)	112	210
I.M.A (Language Sciences)	144	200
I.M.A (Telugu)	148	200
I.M.A (Hindi)	148	200
I.M.A (Urdu)	140	200

Exit option:

The University provides for an exit option after the Year-3 and Year-4 for the students of the Integrated programs. In case of exit after the Year-3, the students are awarded Bachelor's Degree and in case of the exit after the Year-4, the students are awarded Bachelor's Degree (Honors)/Bachelor's Degree (Research). The credit requirements for Degrees in case of exit after the year 3 and year 4 are as given below.

Program	Credits in the Disciplinary Major	Total Credits
At Exit after Year-3		
I.M.Sc (Mathematics)/(Statistics)	36	128
I.M.Sc (Physics)	76	137
I,M.Sc (Chemistry)	60.5	133
I.M.Sc (Applied Geology)	62	131
I.M.Sc (Plant Biology and Biotechnology)	66	131
I.M.Sc (Animal Biology and Biotechnology)	66	131
I.M.Sc (Biotechnology and Bioinformatics)	66	131
I.M.Sc (Biochemistry)	66	131
I.M.Sc (Microbiology and Immunology)	66	131
I.M.Sc (Systems and Computational Biology)	66	131
I.M.Sc (Health Psychology)	58	129
Exit after Year-4		
I.M.Sc (Mathematics)/(Statistics)	76	168
I.M.Sc (Physics)	120	181
I,M.Sc (Chemistry)	101.5	174
I.M.Sc (Applied Geology)	102	171
I.M.Sc (Plant Biology and Biotechnology)	79	170
I.M.Sc (Animal Biology and Biotechnology)	79	170

I.M.Sc (Biotechnology and Bioinformatics)	84	175
I.M.Sc (Biochemistry)	80	171
I.M.Sc (Microbiology and Immunology)	78	169
I.M.Sc (Systems and Computational Biology)	77	168
I.M.Sc (Health Psychology)	98	169

Program	Credits in the Disciplinary Major	Total Credits
Exit after Year-3		
I.M.A (Economics)	52	122
I.M.A (Political Science)	32	130
I.M.A (Sociology)	32	130
I.M.A (History)	40	130
I.M.A (Anthropology)	32	130
I.M.A (Language Sciences)	64	120
I.M.A (Telugu)	68	120
I.M.A (Hindi)	68	120
I.M.A (Urdu)	60	120
Exit after Year-4		
I.M.A (Economics)	92	160
I.M.A (Political Science)	72	170
I.M.A (Sociology)	72	170
I.M.A (History)	80	170
I.M.A (Anthropology)	72	170
I.M.A (Language Sciences)	104	160
I.M.A (Telugu)	108	160
I.M.A (Hindi)	108	160
I.M.A (Urdu)	100	160

Extra courses & Audit Courses

The students can register for some "Extra Courses" (over and above those stipulated for a semester) during the time of the semester registration beginning from the second semester, with prior permission of the Director, CIS. If these Extra Courses (not more than two per semester) are successfully completed as per university norms relating to examinations and evaluation, the same will be recorded in their respective grade sheets. Students should follow all the norms relating to the minimum attendance and examinations in case of 'Extra Course' too.

The students can audit for certain courses (not more than one course in each semester) offered in the first six/four semesters of their I.M.A/I.M.Sc program . In case of opting for such audited courses with prior permission of Director, the students have to put in the required attendance. However, there is no need to write the examinations. The certificates relating to the audited courses will be provided by the Director, CIS.

Sliding to other disciplines

A student is allowed to change the choice of discipline subject to certain conditions. The students with backlogs will not be considered for sliding. The following table shows the sliding option for students admitted to different Integrated programs. There is no sliding option for students admitted to I.M.A (Language Sciences) and I.M.Sc (Health Psychology).

The students admitted to programs anchored by the School of Life Sciences are admitted to the respective streams after the fourth semester.

Program	Sliding to
I.M.Sc (Mathematics)	Physics, Chemistry, Applied Geology
I.M.Sc (Physics)	Mathematics/Statistics, Chemistry, Applied Geology
I.M.Sc (Chemistry)	Mathematics, Physics, and Applied Geology
I.M.Sc (Applied Geology)	Mathematics/Statistics, Physics and Chemistry
I.M.Sc (Plant Biology and Biotechnology/ Animal Biology and Biotechnology/ Biochemistry/ Biotechnology and Bioinformatics/ Microbiology and Immunology/ Systems and Computational Biology)	Physics/Chemistry/ Mathematics/Statistics

I.M.A (Economics)	Sociology/Political Science/ History/ Anthropology
I.M.A (Sociology)	Economics/Political Science/ History/ Anthropology
I.M.A (Political Science)	Economics/Sociology/ History/ Anthropology
I.M.A (Economics)	Sociology/Political Science/History/ Anthropology
I.M.A (Anthropology)	Economics/Sociology/ Political Science/History
I.M.A (Hindi)	I.M.A (Language Sciences)
I.M.A (Telugu)	I.M.A (Language Sciences)
I.M.A (Urdu)	I.M.A (Language Sciences)

Students who opt for sliding to I.M.Sc Physics are considered if and only if they have studied mathematics in their 11th and 12th standards, and also if they have successfully completed Mechanics A in the first semester of Integrated M.Sc. Further these students should have a minimum of 65% marks in aggregate in sciences and 70% in all the Physics and the Mathematics courses from 1st to 4th Semester.

- The option for change of subject / intra-change is permissible only at the end of 2nd semester for students admitted to I.M.A. (Humanities), I.M.A (Social Sciences) I.M.A (Economics), and I.M.Sc (Mathematics/ Physics/ Chemistry/Applied Geology)

The number of students permitted to change the subject would be restricted to the vacancies in that program at that point of time, i.e., subject to availability of vacancy.

- If restrictions are to be put depending on the vacancies, CGPA would be the criterion to fill the vacancies i.e., they will be filled according to merit list.
- The sliding is permitted subject to the completion of certain prerequisite courses and securing of required CGPA in certain specific courses (as detailed by the respective academic units in the BOS meeting of CIS on 27-09-2022)
- The results of supplementary/improvement exams of the II semester will not be taken into consideration.
- All applications will be routed through CIS Office. CIS would take the concurrence of the Departments/Centres/Schools concerned.
- Students interested in change of subject need to apply in the prescribed format available at CIS Office along with relevant enclosures after the notification of sliding is issued by the CIS Office.

Backlogs:

No student of M.A./M.Sc. (5-year Integrated) courses shall be allowed to move to the next semester, if he/she has a backlog of more than 50% of the courses of that semester subject to a maximum of 5 backlogs at any given point of time including the backlogs of previous semester/s, if any.

M.Sc.* (5-Year Integrated) *students admitted from 2017-18 onwards must clear all their backlogs accumulated during their first 2 years before moving to 3rd year or V semester. Similarly, M.A. (5-Year Integrated) students admitted from 2017-18 must clear all their backlogs accumulated during their first 3 years before moving to 4th year or VII semester. In case M.Sc/M.A. (5Year Integrated) students admitted from 2017-18 do not clear all their backlogs accumulated during first two/three years respectively, then they will not be allowed to move to the next semester.

CENTRE FOR MODELLING SIMULATION AND DESIGN (CMSD)

Simulation & scientific computing is the third pillar alongside theory and experiment in today's science and engineering, and thus, computer-based simulations form an integral part of modern research methodology. In this era of science-driven engineering, the role of scientific research, based on modelling, simulation and design, is of paramount importance. Industries and academics worldwide are gearing up to avail the challenging opportunities provided by this tool. The primary requisite in using the third avenue of research for solving complex problems was the state-of-the-art High-Performance Computing (HPC) centre.

Based on the innovative proposal from the University, the UGC approved the establishment of the **Center for Modeling, Simulation and Design (CMSD)** in 2002, which was fueled further by generous financial support from DST under its FIST program. Looking at the multi-disciplinary research done at CMSD and the huge contribution being made by faculty members of various schools, it is decided to start a Four-semester M.Tech. Modeling and Simulation from the premises of CMSD. The objective of the course is to make students ready to take up jobs in the industry and R&D institutions or prepare them for higher studies in their domain of study. The course is designed to give students practical exposure and theoretical rigor equally. Students of this program will be exposed to emerging areas that require expertise in computational techniques. The HPC resources of CMSD are uniquely suitable for this objective and should prove the ideal platform for this multi-disciplinary program. The human resources generated from such efforts will be invaluable. The syllabus is designed keeping in mind today's need with perfect balance of courses from various streams supported by HPC courses as core, and courses in AI and ML as electives.

B. Program Name

- **M.Tech. Modeling and Simulation - 2 Years (4 Semesters) – Full Time**
- With specialization in
    - Computational Chemistry (with School of Chemistry)
    - Computational Materials Science and Engineering (with School of Engineering Sciences & Technology)
    - Computational Biology (with School of Life Sciences)
    - Computational Physics (with School of Physics)
    - Computational Science (with School of Computer and Information Sciences)

This is a **four-semester program** including **two semesters of course work and two semesters of project work (Sem-III & IV).** This program is meant for students with some basic information about computing sciences, and well-versed with their fields to get specialization. Or else if they are well versed with computer science they can take plain degree by studying advanced courses in Computer Sciences that can be applied to solve grand challenging problems using HPC, ML&AI. Courses will fulfil student-centric learning needs. Students will be encouraged in design thinking and practical approaches to learning. Students will be made aware of real-life socio-economic problems for them to solve using HPC/AI technology learnings.

C. Course Structure

I. **Core Courses:** Because of the heterogeneous nature of the students envisaged for this program, and it is imperative that the minimum prerequisite knowledge base has to be provided to all students, under the provision of ***core courses***, to bring them to the same level playing field for further training.

Advanced training in emerging areas of applied computer/information science is necessary for all the students aspiring this degree, cutting across the diverse domain expertise. All modern computational scientific research or development programs require this skill set. So, a few courses with this objective are included in the core module.

II. **Specialization Core Courses:** Specialization core makes the core of the specialized area of study. A subset of these courses is mandatory for a student to earn a degree in that area of study.

III. **Electives:** Design of the Elective Courses are left for the individual School and generally is expected to be in line with the program's objective. Additionally, few electives are kept to see the present and future demand of the industry.

D. Intake [Number of seats]: 36 in total (Reservations applicable as per the Government of India norms) + 10 sponsored seats (total 46).

NOTE: As per UGC guidelines, Foreign Nationals will be admitted over and above the approved intake in a course up to a maximum of 15% of the approved intake in the eligible courses, depending upon the availability of adequate infrastructure. All the available seats may not be filled in a particular year Details provided in the prospectus.

E. Admission

1. Based on the valid GATE score and through Centralized Counselling for M.Tech./ M.Arch./ M.Plan./M.Des. (CCMT-2023)*
2. Students will be selected on the basis of Interview for the 10 Sponsored seats.

**** All 36 positions are approved by AICTE***

F. Fees:

- Regular fee given in prospectus (same as M.Tech. Information Security)
- Rs.75,000/-(Rupees Seventy Five Thousands) per semester for Sponsored Students

NOTE * Additional Fees as detailed in the prospectus

G. Participating Schools/Departments/Centres

- Centre for Modelling Simulation and Design
- School of Chemistry
- School of Engineering Sciences and Technology
- School of Physics
- School of Life Sciences
    - Department of System and Computational Biology
    - Department of Biotechnology & Bioinformatics
- School of Computer and Information Sciences

M.Tech. Modeling and Simulation

M.Tech. Modeling and Simulation		36	Eligibility is as mentioned below:		

In qualifying degree (as referred in **eligibility**), the candidates should have passed and secured at least 6.5 CGPA (on a 10- point scale) or 60% for GEN/GEN-EWS/OBC, whereas 6.0 CGPA (on a 10-point scale) or 55% in case of SC/ST/PwD candidates. **The above mentioned CGPA/Percentage should be awarded by a recognized University/Institute.** Only primary mode of evaluation (CGPA or percentage) as mentioned in the qualifying degree certificate/mark sheet shall be considered while verifying eligibility.

H. Eligibility

Specialization	**Allotted seats**	**Eligibility**
Computational Chemistry	**06**	**1. M.Sc.** in (Chemistry/Chemical Sc./Chemical Eng./Chemical Technology/Physics) with Mathematics as background in B.Sc. **OR BE/B.Tech.** (Chemical Sc./Chemical Eng./Chemical Technology or allied branches). **AND** **2.** Valid **GATE** score in Chemistry/Chemical Engineering
Computational Materials Science and Engineering	**06**	**1. BE/B.Tech.** (Metallurgical, Mechanical, Production, Aerospace, Ceramic, Chemical Engineering or Technology **OR M.Sc.** Chemistry/Physics/Materials Science/ Solid State Physics **AND** **2.** Valid **GATE** score in Aerospace Engineering/ Chemical Engineering/ Production and Industrial Engineering/ Mechanical Engineering/ Metallurgical Engineering/Chemistry/Physics/Engineering Sciences.
Computational Physics	**06**	**1. M.Sc** (Physics/Applied Physics/Materials Science) **OR B.E./B.Tech.** (Engineering Physics) **AND** **2.** Valid **GATE** score in Physics/Engineering Sciences.
Computational Biology	**08**	**1. BE/B. Tech.** (Computer science and engineering, Information Technology, Bioinformatics, Computational Biology, Biotechnology, Chemical engineering, Biochemical engineering, Biomedical engineering, Bioelectronics engineering, Food and bioprocess engineering); **OR** **M.Sc.** (Biotechnology, Bioinformatics, Biophysics, Biochemistry, Bioinformatics, Computational Biology); **OR** **B.Pharm.**

		Note: Candidates are eligible if studied Mathematics as one of their core subjects in their degree course. **AND** **2.** Valid **GATE** score in Bio-Technology(BT), Biomedical engineering (BM)/ Computer Science & Information Technology(CS)/ Pharmacy(PY)/ Chemical Engineering(CH)
Computational Science	**10**	**1. BE/B.Tech.** (CSE/CS/AI/IT) **or MCA or M.Sc.**(CS/AI/IT) **AND** **2.** Valid **GATE** score in Computer Science & Information Technology(CS)

Sponsored candidates:

A sponsored candidate must have been in service of the sponsoring organization for at least two years at the time of admission. The sponsoring organization must specifically undertake to provide full salary to the candidate and to relieve them to pursue the program for its full duration. An undertaking to that effect from sponsoring organization must be provided by the candidate at the time of applying for admission.

Fulfillment of GATE requirement (as per the eligibility for specialization) may be waived for such candidates. However, the sponsored candidates seeking admission to the M.Tech. Modeling and Simulation program who have not qualified GATE will be called for interview. The eligibility remains same as specified in the table below.

More information can be obtained from http://cmsd.uohyd.ac.in/?page_id=132

TEACHING AND EVALUATION REGULATIONS

Special features

The special features of the University's academic set up include a favourable teacher-student ratio which is one of the best in India; a flexible academic program that encourages interdisciplinary courses and research. The assessment, including projects and examinations of the 5-Year Integrated PG/Postgraduate courses, is continuous and internal.

Semester system

The courses are organized on the semester pattern. The academic year consists of two semesters of 16 to 18 weeks each. **July – December** is the **Monsoon** and **January – June** is the **Winter** semester.

Continuous internal assessment

The examination system of the University is designed to test systematically the student's progress in class, laboratory and fieldwork through continuous evaluation in place of the usual "make or mar" performance in a single examination. Students are given periodical tests, short quizzes, home assignments, seminars, tutorials, term papers in addition to the examination at the end of each semester. The final result in each course is calculated based on continuous assessment and their performance in the end semester examination.

Attendance and progress of work

Every student will be eligible for writing the end-semester examinations subject to fulfilling the attendance requirement of 75% of the classes held in all courses (Core, Elective, Foundation, etc.) and participate, to the satisfaction of the School/Department/Centre, in seminars, sessional and practicals as may be prescribed, mandatory.

Important

Students repeating the **same course** will require attendance of **60%** of the classes held in each course.

Students repeating with an **alternative/equivalent course** will require attendance of **75%** of the classes in that course.

The progress of the work of the research scholars and their attendance is regularly monitored by their supervisors.

Absence from classes continuously for 10 days shall make the student liable to have his/her name removed from the rolls of the University. Absence on medical grounds should be supported by a medical certificate which has to be submitted to the Dean/Head of the School/ Department/Centre for consideration of condonation of attendance. Deans of the Schools and Director, College for Integrated Studies can condone the requirement of attendance up to 5% only. Students having attendance below 70% have to repeat the course.

Payment of fee by those students repeating course/s

The student/s who are repeating the course/s, need to pay the prescribed semester fee till completion of course including the idle semester fee in case of re-admission.

Summer Semester

To help the I.MA/I.M.Sc. (5-Year Integrated) students having more backlogs than allowed, classes will be held during May/July subject to the availability of the teachers. This will be offered at the College for Integrated Studies (CIS) for students to clear their backlogs for courses offered at CIS.

Evaluation Regulations

1. The performance of each student enrolled in a course will be assessed at the end of each semester. Evaluation of all P.G., M.Tech and Integrated PG courses is done under the Grading System. There will be 7 letter grades; A+, A, B+, B, C, D and F on a 10-point scale which carries 10,9,8,7,6,5,0 grade points respectively.

2. The final result in each course will be determined based on continuous assessment and performance in the end semester examination which will be in the ratio of **40:60** in case of **theory** courses and **60:40** in **laboratory** courses (practicals/practicum).

3. The mode of continuous assessment will be decided by the School Board concerned. The students will be given a minimum of three units of assessment per semester in each course from which the best two performances will be considered for calculating the result of continuous assessment. The record of the continuous assessment will be maintained by the School/Department/Centre.

4. At the end of the semester examination, the answer scripts shall be evaluated and the grades scored by each student shall be communicated to the Dean of the School/Head of the Department/Centre for onward transmission to the Office of the Controller of Examinations. Wherever required, the Dean / the Head of the Department/Centre along with the teacher concerned may moderate the evaluation.

5. Students should obtain a minimum of 'D' grade in each course to pass in the Postgraduate and Integrated PG courses. Students who obtain less than 'D' grade in any course, may be permitted to take the supplementary examination in the course/s concerned within a week after the commencement of the teaching of the next semester or following the schedule notified. Appearance at such examinations shall be allowed only once. Those students who get less than 'D' grade in the supplementary examination also shall have to repeat the course concerned or take an equivalent available course with the approval of the Head of the Department/Centre and the Dean of the School concerned. Such approval should be obtained at the beginning of the semester concerned.

6. (a) A student of PG and M.Tech is expected to clear more than 50 % of the courses offered in that semester to be promoted to the next semester. A student may have a maximum of two backlogs where the number of the courses in a semester is four and a maximum of three backlogs where the number of courses in a semester is more than four at any given point of time including the backlogs of the previous semester if any (during their study at CIS (i.e. 4/6 semesters for Sciences/Humanities/Social Sciences

(b) A student of I.M.A./I.M.Sc. (5-year Integrated) is expected to clear more than 50 % of the courses offered in that semester to be promoted to the next semester subject to a maximum of 5 backlogs at any given point of time including the backlogs of previous semester/s, if any.

(c) **I.M.Sc students admitted from 2017-18 must clear all their backlogs accumulated during their first 2 years before moving to the 3rd year or Vth semester. Similarly,**

I.M.A. students admitted from 2017-18 must clear all their backlogs accumulated during their first 3 years before moving to the 4th year or VIIth semester. Further, the transfer of students to the respective School/Dept. with up to 2 backlogs in Foundation course/s is permitted. The students will be allowed to write a supplementary exam also after the completion of the summer semester exam to enable them to clear their backlogs if any.

7. The qualifying marks for the dissertation/project report/monograph/ research paper in the M.Tech courses shall be 50%. Students who obtain less than 50% or 'D' grade in the dissertation/ monograph/ research paper will be required to rewrite it within such extra time as may be allowed by the University based on the recommendation of the Supervisor(s) and the Department/Centre/School concerned.

8. Students who are permitted to appear in supplementary examinations in the course/s under clause 5 above will be required to apply to write the examination concerned in the prescribed form and pay the prescribed examination fee by the date prescribed for the purpose.

9. (a) A student to be eligible for the award of M.A., M.Sc., MCA, MBA, MPA, MFA, and Integrated PG Courses must obtain a minimum of 'D' grade in each course. The results of successful candidates will be classified as indicated below based on the CGPA:

CGPA of 8.0 and above and up to 10.0	I Division with Distinction
CGPA of 6.5and above and < 8.0	I Division
CGPA of 5.5 and above and < 6.5	II Division
CGPA of 6.0	II Division with 55%
CGPA of 5.0 and above and < 5.5	III Division

(b) To satisfactorily complete the program and qualify for the degree, a student must obtain a minimum CGPA of 5. There should not be any 'F' grades on records of any student for making himself/herself eligible for award of the degree.

The division obtained by a student will be entered in his/her provisional cum consolidated grade sheet and the Degree certificate.

10. (a) A student to be eligible for the award of the M.Tech. degree must obtain a minimum of 50% in each of the courses she/he takes as well as in the dissertation/project report/ monograph. The results of the successful candidates will be classified as below:

CGPA of 8.0 and above and up to 10.0	I Division with Distinction
CGPA of 6.5and above and < 8.0	I Division
CGPA of 5.5 and above and < 6.5	II Division

There is no III Division in these programs

(b) To satisfactorily complete the program and qualify for the M.Tech. degree, a student must obtain a minimum CGPA of 5.5. There should not be any 'F' grades on the records of any student for making himself/herself eligible for award of the degree.

The division obtained by a student will be entered in his/her provisional-cum-consolidated marks sheet and the degree certificate.

11. Students who are not found eligible to take semester examinations and also those who are not promoted to the next semester of the course may be considered for **re-admission** to the concerned semester of the immediately following academic year. Such students should seek

re-admission before the commencement of the classes for the concerned semester or within a week of the commencement of the concerned semester if they are appearing in the supplementary examinations. Such students are given an option either to undergo instruction for all the courses of the semester concerned or to undergo instruction in only such courses in which they have failed on the condition that the option once exercised will be binding on the student concerned.

12. At the specific written request of the student concerned, answer scripts of the semester examinations may be shown to him/her, but not returned to the candidates. The result of the continuous assessment of the students will, however, be communicated to students immediately after the assessment.

SUPPLEMENTARY EXAMINATIONS

Students who obtain an **"F Grade"** in any of the courses and/ or who absent themselves from the Semester examinations held, inspite of having attendance are eligible to appear for the Supplementary examinations.

Note

Students with shortage of attendance are not eligible to appear for Supplementary examinations.

Special supplementary examinations

i) The PG/Integrated PG students, who after completion of the prescribed duration of the course are left with backlogs are eligible to appear for special supplementary examinations subject to a maximum of two courses where the number of courses in a semester is four and a maximum of three courses where the number of courses in a semester is more than four. **Appearance in such examinations shall be allowed only once.**

ii) **Students with a shortage of attendance in a course are not eligible to appear for Special Supplementary examinations in that course.**

iii) **Students who are appearing for Supplementary Examinations are not eligible to appear for Special Supplementary Examination for the same course in the same semester.**

iv) The Students of M.Tech/Ph.D. courses <u>are not eligible</u> for **Special Supplementary** Examinations.

IMPROVEMENT EXAMINATIONS

i. This provision is open to all those students with any grade who wish to improve their grades irrespective of the SGPA/CGPA obtained by them. However, the student should clear all the courses of a particular semester in which he/she intends to take an improvement examination. Appearing for Improvement Examinations along with the Supplementary Examinations of the same subject or different subjects simultaneously in a particular semester shall not be permitted.

ii. Students who wish to improve their grades for the papers written in previous semesters are permitted to improve two courses at the end of the second semester and three courses at the end of the third semester and so on.

iii. Students who had already appeared for Improvement examination in a particular course in the semester concerned are not eligible to appear for Improvement examination again in the same course of the Semester concerned. However, the student may appear for Improvement exam/s in other courses/s in the same Semester up to the maximum number of Improvement exams **as per clause C (ii) above.**

iv. Students who had completed the course and wish to improve any of the papers can apply for the same within a maximum period of six months after completion of the course.

Note

Students appearing /applying for supplementary/Improvement/ Special supplementary examinations will not be considered for the award of Medals.

Applying for supplementary/ special supplementary & improvement examinations

i. All the Applications for Supplementary/Special Supplementary & Improvement examinations should be submitted through the e-governance portal and the Hall-tickets for the said exams can be downloaded through the e-governance portal. This applies to all except

ii. Integrated students admitted before 2017 should submit the offline applications to the Exam branch through the concerned Dept. /School and the Hall tickets will be issued after processing of the applications.

iii. The results of the pre-2017 batch students should be sent in hard copy to the office of the Controller of Examinations through proper channel.

Evaluation of M.Tech. CS/AI/IT Dissertation & MCA Project work

1. The dissertation of M. Tech. and M.C.A. project will be evaluated in two phases' viz., mid-term and final. The midterm is for 40% and the final is for 60%.

2. The mid-term and final evaluation will be done by a Board of examiners and the students have to present the work done by them.

3 (i) The provisional certificate-cum-consolidated grade transcript shall contain the CGPA and the division also. This document shall also contain a classification of the results under the letter grade system.

(ii) An additional grade sheet will be given to the students for the audit courses taken by them without attributing the credits, and also for the courses taken by them having credits which are not counted for the award of the degree and the credits scored by them for the extracurricular activities like NSS, literacy program etc. The audited courses will be included in the additional grade sheet, based on the certification given by the teacher concerned and recommended by the Head of the Department and Dean of the School concerned.

(iii) In the degree certificate, the division will also be mentioned.

(iv) In addition to the above provisions, the existing evaluation regulations in the University shall be applicable in the other matters, wherever required.

Bridge courses for SC/ST Ph.D. scholars

Students from the SC/ST category who are admitted to **Ph.D.** programs and identified with some academic deficiencies have to take up bridge courses for a maximum period of two semesters to enable them to pass the course work and this period will not be counted against the maximum period (5+1 year) allowed for submission of the thesis.

Ph.D. scholars will be governed by the UGC Regulations, 2016 and its amendments and as approved/ adopted by the Academic Council, which is appended in detail in this Prospectus. All Ph.D. scholars are advised to read the details and comply with the guidelines in their interest.

Grace Marks

The 53rd Academic Council meeting held on 12.10.2004, approved the Prof. V. Kannan Committee report. Accordingly, the provision of awarding grace marks by the Results Committee chaired by the Vice-Chancellor to be continued and a maximum CGPA of 0.02 may be considered as Grace Mark for all Integrated PG and PG courses (**except for M.Tech./Ph.D**.) for securing the following:

a) To secure I Division from Second
b) To secure II Division from Third
c) To secure an overall CGPA of 6.00

After successful completion of the course, a student may represent to Controller of Examinations for consideration of the Grace Mark. This shall be placed before the Results Committee/Vice-Chancellor for consideration and shall be reported to the Academic Council

GUIDELINES FOR SWAYAM COURSE REGISTRATION UNDER MOOCs

Following the UGC (Credit Framework for online learning courses through SWAYAM) Regulations 2016, the following procedure concerning registration of MOOCs courses by the students of University of Hyderabad is prescribed:

a. Students of the University can register for the MOOCs courses offered by the SWAYAM Platform.
b. Further, if these courses are approved by the respective Schools/Departments/Centres which are awarding the Degrees and are floated among the other courses of same or equal credits in that semester, it shall be considered for credit transfer, calculation of CGPA and be reflected in the Provisional Certificate. Academic units will specify whether SWAYAM courses taken by a student are in the place of a core paper/elective or is taken as an extra course.
c. The course mapping of their courses shall be done by the Dean/Head in the e-governance.
d. To coordinate the registration of MOOCs courses at the Academic Unit level, a faculty coordinator is to be nominated by the Dean/HOD. The concerned faculty coordinator will forward the results to CE's Office.
e. Students can register for a maximum of one course per semester under MOOCs.
f. No student shall register for online MOOCs courses during the final semester of his/her program.
g. If any students take a MOOCs course on his own without the approval of the faculty coordinator or the Academic unit, the credits earned will not count for credit transfer, calculation of CGPA and will not be reflected in the Provisional Certificate. Such SWAYAM course can be considered as additional / extra elective / audit/ courses.

This will apply to the College for Integrated Studies and other Academic Units from 2020-21 for all programs.

PROCEDURE FOR THE RE-EVALUATION OF ANSWER SHEETS

1. The University will have a system of re-evaluation for the students and it need not be in a form of grievance.
2. The re-evaluation is allowed only for end-semester exam answer sheets (Regular, Supplementary, Improvement, etc.). The re-evaluation is open for theory courses only and not for Project/Dissertation/Practical/Lab Courses/Workshop/Seminars, etc.
3. A student can apply for re-evaluation within 15 days of the reopening of the University.
4. A student can apply for re-evaluation by paying a fee of Rs. 150/- per paper for a maximum of 2 papers only per semester to the Dean/Head of the Academic Unit.
5. The fees paid will be non-refundable and non-adjustable.
6. The Dean/Head of the Academic Unit will arrange to show the answer sheet to the student concerned (along with the concerned Course Instructor) and if the student is satisfied, no further action is required. However, if the student is not satisfied, then the answer sheet may be re-evaluated by a faculty other than the instructor and its recommendations are forwarded to the Controller of Examinations.
7. In cases of re-evaluation, the best of two will be considered as the final marks i.e., before re-evaluation or after re-evaluation. If the difference in marks obtained after the re-evaluation is 10 or more, the answer book may go for a third independent re-evaluation which will be decided upon consultation with the Vice-Chancellor.

8. The Dean/Head of the Academic Unit shall forward the re-evaluation results to the Controller of Examinations within 15 days from the date of receiving the request of re-evaluation from the student.

Note

If a student is not satisfied with the re-evaluation by the School/Department/Centre then, he/she can represent to the Controller of Examinations for getting the paper evaluated by an examiner (to be decided in consultation with the Vice-Chancellor), whose evaluation will be final. The fees for external evaluation in all such cases shall be Rs. 200/- per paper which shall be paid by the student concerned.

15. (a) Students absenting themselves after payment of fees from a regular semester examination are permitted to appear in the supplementary examination subject to fulfilling the attendance requirement. The application for the supplementary examination in the prescribed form along with the prescribed fee should reach the office of the Controller of Examinations through the Department/Centre/School concerned by the date prescribed.

(b) Students may opt for an audit/Extra course within the Department or outside, provided he/she fulfills 75% of attendance requirement for an audit/Extra course for including it in the additional grade sheet.
(c) The option once exercised for audit/extra courses shall be final.

GENERAL GUIDELINES FOR INSTITUTION OF ENDOWMENT MEDALS

The process for instituting an endowment medal is to write a letter addressed to the Controller of Examinations with an objective of instituting a medal with the "title of the medal" and "the criteria for award of medal". The Controller of Examinations will forward the request to the concerned academic unit for their comments and approval of Departmental Committee/School Board. After the said approvals, it will be placed before the Academic Council for recommending to the Executive Council for its approval or it may got approved by the Chairman, Academic Council and Executive Council and be reported to the Statutory bodies. After the approval, the University will inform the donor to deposit Rs.2.00 lakhs for gold plated medal or Rs.5.00 lakhs for pure gold medal by cheque/demand draft in favour of Finance Officer, University of Hyderabad and the medal will be awarded after being incorporated in the Prospectus. The University reserves the right to accept or reject the request of the donor for instituting an endowment medal due to administrative reasons.

MEDALS FOR EXCELLENCE IN STUDIES FOR THE ACADEMIC YEAR 2023-24

Rules and guidelines for determining the toppers for the award of Donor/University/OBC/SC&ST Medals in the 23rd Convocation to be held in year 2023 for students passing out in the Year 2023.

The following medals will be given to the toppers who have secured the highest marks with the highest CGPA (without attempting/appearing in any improvement and supplementary examinations in their academic tenure of the course) among the other students in their respective courses.

Medals will be awarded to only those who have passed/completed the course in the academic year mentioned above.

If one or more students get the highest marks with the same CGPA among the other students in their respective course during their tenure and stood in the first rank, in such cases, the following criteria will be used:

1. More number of semesters with highest SGPA
2. Better grades in overall core courses taken together
3. Overall attendance in all semesters taken together

A student must have passed with at least First Division or obtained a CGPA of 6.5 and above to be eligible for any medal.

To encourage good performance in studies, the University has instituted several donor medals as detailed below**:**

S.No.	Name of the Medal	Course/Subject
Donor Medals		
1.	M/s Jindal Jubilee Medal	M.Sc. Mathematics
2.	M/s Narosa Publishing House Medal	M.Sc. Applied Mathematics
3.	Prof. S.N.N. Pandit Medal	M.Sc. Statistics
4.	A.P. Mahesh Bank Medal	MCA
5.	Bhagwat Saran Agarwal Memorial Medal	M.Sc. Physics
6.	Prof. VV Sarma Memorial Medal	M.Sc. Chemistry
7.	Prof. A.N. Radhakrishnan Memorial Medal	M.Sc. Biochemistry
8.	Sri Jatindra Mohan and Basantilata Medal	M.Sc. Biochemistry
9.	KLN Reddy Medal	M.Sc. Plant Biology & Biotechnology
10.	Kottapalli Narasayya Medal	For a topper who secures highest marks in core subjects of M.Sc. Plant Biology & Biotechnology
11.	Kiran Kumar Medal	M.Sc. Animal Biotechnology
12.	Dr. Salam Khan Bio Asia Medal	M.Sc. Biotechnology
13.	Pingali Mohan Reddy Medal	For overall performance in PG in Life Sciences
14.	Prof. PRK Reddy Medal (2023 onwards)	Standing first in M.Sc. Animal Biology
15.	Electrotek International Inc., Chennai, Medal	M.Sc. Ocean and Atmospheric Sciences
16.	Smt. Rani Devi and Sri Chandra Sen Pathak Memorial Medal	I.M.Sc. Physics
17.	Prof. Radhanath Rath Memorial Medal	I.M.Sc. Health Psychology
18.	Sarojini Naidu Memorial Trust Medal	M.A. English
19.	C T Indra Endowment Medal	M.A. English
20.	Smt. Susheela Bala Bose Memorial Medal	The overall topper in M.A Philosophy
21.	Roopchand Chajed (Jain) Medal	M.A. Hindi
22.	Prof. P. Ramanarasimham Medal	For a topper in M.A. Telugu who secures highest marks in the following courses put together: i) Introduction to General Linguistics ii) Evolution of Telugu Language iii) Structure of Modern Telugu iv) Comparative Dravidian

23.	Sri Nittala Venkata Somayajulu Memorial Medal	M.A. Telugu – Special Reference to literature (Both Classical & Modern)
24.	Mahakavi Dasu Sreeramulu Medal	M.A Telugu with special reference to Classical Literature
25.	Sri Darla Abbai Memorial Medal	M.A. Telugu with special reference to Indian Poetics & Literary Criticism
26.	Dr. Prakash Moonis Memorial Medal	M.A. Urdu
27.	Dr.Naushaba Hasnain and Prof. Syed Mohammad Hasnain Medal	For performance in PG courses of School of Humanities with a preference to M.A. Urdu, if the overall marks are 1% less than the topper in other subjects
28.	Prof.Bhadriraju Krishnamurthi & Smt. Shyamala Medal	M.A. Applied Linguistics
29.	Sri Jyothi Chinnaiah and Smt. Showramma Memorial Medal (2023 onwards)	SC topper in MA courses in School of Humanities with atleast 60% overall marks
30.	Union Bank of India Medal *	M.A. History
31.	Prof. Kishore Saran Lal Medal	M.A. History (Medival History)
32.	Alumni Medal (for a topper in Social Anthropology)	M.A. Anthropology
33.	Prof. M L K Murthy Medal	"Topper in MA/IMA with atleast A+ grade in Archaeological Anthropology, Physical Anthropology and M.A. Dissertation (preferably in the area of Environmental Anthropology)" (in case of any contestation by any candidate with regard to selection of candidate for the award of medal, the University may suspend the medal for that year)
34.	Late Shri Nampally Ashok Kumar Medal	For highest marks in the course "Field work & Viva" alongwith minimum CGPA of 8.5 from among the students of MA and IMA, Anthropology
35.	M/s Jindal Jubilee Medal	M.A. Economics
36.	Shri P. Pattabhi Ramaiah Medal	M.A. Economics
37.	Nataraja Ramakrishna Sharada Devi Medal	M.P.A. Dance
38.	Sri G.L.N. Murthy Memorial Medal	The overall topper in M.P.A Theatre Arts.

39.	Sri S L Parasher Medal	M.F.A. Painting
40.	Canara Bank Medal	M.A. Communication
41.	Vasavi Academy of Education Medal	M.B.A.
42.	State Bank of India Medal **	M.Tech. CS
43.	Alekhya Technology Medal	M.Tech. AI
44.	IDRBT Medal	M.Tech. IT
45.	Mannapalli Subbaramaiah Medal	For overall performance in M.Tech. CS/AI/IT
46.	C R and Bhargavi Rao Medal	M.Tech. Information Security
47.	"M.R.Guruswamy and Smt.G.Gengammal Gold Medal " (from 2022 onwards)	"Combined topper of M.Tech. programs of CASEST"
48.	Tadinada Sri Mahalakshmi Medal	M.Tech. Mineral Exploration
49.	Zen Tech Gold Medal	5-Year Integrated M.Tech. Computer Science
50.	Dr. APJ Abdul Kalam Medal	M.Tech. Materials Engineering
51.	Roopchand Chajed (Jain) Medal	M.Phil. Hindi
52.	Akhtar Hassan Memorial Medal	M.Phil. Urdu
53.	Prof. G.C. Jain Medal	M.Phil. Urdu
54.	Dr. Nandivada Rathnasree Medal	For best PhD thesis in Astrophysics or Theoretical Physics from the academic year 2023
55.	Dr. Rajendra Kumar Nigam & Smt. Meera Nigam Medal	The best Ph.D. thesis to be adjudged every year in Plant Sciences
56.	Prof. Pallu Reddanna & his Ph.D. and Post Doc. Students Medal	a) Should have published the highest impact factor journal in the Dept. of Animal Biology in that particular year. b) No review papers should be considered for the award. c) Only the first author should be considered. In the case of equally contributing authors, the award goes to the author appearing first in publication. d) Among equally contributing students if the first author appearing in the publication is not from India, then the second Indian author appearing in the publication can be considered. e) Only to be awarded once to a given student. In case the already awarded student publishes a high impact journal in the next academic year also then the award goes to the student next in the list.
57.	Prof. Yenugu Ramaswamy Naidu medal (2023 onwards)	For the best thesis submitted by a male student in Animal Biology

58.	Smt. Yenugu Samanthakamani medal (2023 onwards)	For the best thesis submitted by a female student in Animal Biology
59.	Prof. Manjula Sritharan Gold Medal	The best research contirubition by a Ph.D. Scholar in the field of Infectious diseases
60.	Golden Jubilee Interdisciplinary Research Medal (from 2024 onwards)	Interdisciplinary Ph.D. thesis in Chemistry, Life Sciences, Medical Sciences
61.	Kambampati Srinivasa Rao and Jaya Lakshmi Medal (from 2022)	The topper in Integrated M.Sc./Ph.D. courses of School of Life Sciences
62.	Prof. Krothapalli Ravindranath Medal	The best Ph.D. thesis in Health Sciences from the academic year 2023.
63.	Dr.Bhaskar Raj Saxena Memorial Medal	The best Ph.D. thesis to be adjudged every year in Hindi
64.	Dr. K. Kameswari Devi Memorial Medal	The best Ph.D. thesis in Telugu to be awarded once in two years (even years only)
65.	Dr. (Mrs) Sheela Raj Memorial Medal	The best Ph.D. thesis to be adjudged every year in History
66.	Prof. A.S. Dash's Medal	Ph.D. Psychology (Best Ph.D. Thesis)
67.	Rai Narhari Pershad Medal	The best Ph.D. thesis to be adjudged every year in the Department of Sanskrit Studies. If Ph.D. thesis is not available, then medal will be given to best M.Phil. Dissertation in the Dept. of Sanskrit Studies.
68.	Prof. I. Ramabrahmam Gold Medal (2023 onwards)	The best Ph.D. thesis in Political Science submitted in that year
Donor Medals for women toppers		
69.	Prof. M. Shakuntala Memorial Medal	M.Sc. Physics
70.	Sri Pradyumna Kumar Bose Memorial Medal	The woman topper with highest CGPA in M.Sc. Chemistry.
71.	Dr. B. Venakta Rama Sastry Memorial Medal	M.Sc. Biochemistry (in the absence of woman topper), then for overall performance in PG in Life Sciences
72.	Smt. Shibani Ray and Dr. Timir Kumar Ray Memorial Medal	M.Sc. Animal Biology & Biotechnology
73.	Prof. Kakarla Subba Rao Medal (from 2022)	Woman topper in PG courses of the School of Life Sciences
74.	Bijali Prabha Roy Choudhury Memorial Medal	The woman topper with highest CGPA in M.A. Philosophy. (If there is only one woman student graduating in a particular year, the

		medal will not be awarded in that year.)
75.	Smt. Ravuri Kantamma Bhardwaja Medal	M.A. Telugu
76.	A.P. History Congress Medal	M.A. History
77.	Smt. Bodicherla Krishnamurthy Nagalakshmi Memorial Medal	M.A. History
78.	Prof. G. Ram Reddy Memorial Medal	M.A. Political Science
79.	State Bank of India Medal	M.A. Economics
80.	Ms. Uma Devaguptapu Memorial Medal	M.B.A. General
University Medals for PG Courses (Toppers)		
81.	M.Sc. Molecular Microbiology	
82.	M.Sc. Health Psychology	
83.	M.Sc. Neural and Cognitive Science	
84.	Master of Public Health (M.P.H)	
85.	M.A. Comparative Literature	
86.	M.A. Sanskrit Studies	
87.	M.A. English Language Studies	
88.	M.A. Political Science	
89.	M.A. Sociology	
90.	M.A. Anthropology	
91.	M.Ed.	
92.	M.A. Gender Studies	
93.	M.B.A. Health Care and Hospital Management	
94.	M.B.A. Business Analytics	
95.	M.F.A. Print Making	
96.	M.F.A. Sculpture	
97.	M.F.A. Art History and Visual Studies	
University Medals for Integrated PG Courses (Toppers)		
98.	I M.Sc. Mathematical Sciences	
99.	I M.Sc. Chemical Sciences	
100.	I M.Sc. Systems Biology	
101.	I M.Sc. Applied Geology	
102.	I.M.A. Hindi	
103.	I M.A. Telugu	
104.	I M.A. Language Sciences	
105.	I M.A. Economics	
106.	I M.A. History	
107.	I M.A. Political Science	
108.	I M.A. Sociology	
109.	I M.A. Anthropology	

SC/ST Medals

The University has instituted medals for securing the first rank with first-class among the SC/ST students in various examinations at Integrated and Master's degree level in the year 1991 – the birth centenary of Bharat Ratna Dr. B.R. Ambedkar.

OBC Medals

The University has instituted medals for securing the first rank with first-class among the OBC students in various examinations at Integrated and Master's degree level from 2019 onwards.

Note: University Medals, SC/ST Medals and OBC medals will be awarded for first rank with first class students at the 5-Year Integrated PG and Master's degree level provided the total number of students appeared in the examination is not less than ten.

INSTITUTION OF ENDOWMENT LECTURES AND MEMORIAL LECTURES:

The 77th Academic Council at its meeting held on 22.09.2016, as per the resoulution no. AC:77:2K16:21, approved the following guidelines effective from 01.10.2016:

The Schools/Departments/Centres should initiate measures by inviting potential donors and also individuals/institutions to institute endowment lectures and recommended that for Endowment lecture a donor should contribute an amount of Rs.15.00 lakhs. The Council also recommended that the memorial lectures have also been proposed to commemorate the contributionis of the individuals and well-wishers of various Schools/Departments/Centres. In such cases, the Committee recommends that the proposed memorial lecture should be initiated by the respective School/Department/Centre by mobilizing the funds at least to the tune of Rs.5.00 lakhs as a seed money in future**.**

CHANGE OF NAME OF THE STUDENT

The 84th Academic Council at its meeting held on 22.3.2019 approved the following guidelines for **change of his/her name** in University records:

1. A provision will be made in e-governance Students log in, which will prompt the students twice to check his/her name as per SSC/X Certificate in the 1st semester of studies.

2. All students will be admitted strictly as per their names in SSC/X Certificate.

3. After the Gazette notification of name change, the university will recognize his/her new name from the date of notification onwards and issue certificates with the changed name along with alias name.

4. Request for change of name will not be entertained from a person who is not a student of the University at the time of making the application for change of name.

MALPRACTICES (PREVENTION AND DISCIPLINARY ACTION) RULES

In pursuance to the approval of the guidelines recommended to deal with cases of malpractices by the 76th Academic Council, the following rules are herewith notified. They shall be known as Malpractices (prevention and disciplinary action) rules:

A) DISCIPLINARY ACTION FOR MALPRACTICES / IMPROPER CONDUCT IN EXAMINATIONS

	Nature of Malpractice/Improper conduct	Disciplinary action
1 (a)	If the candidate possesses or arranges access in the examination hall, any paper, notebook, programmable calculators, Cell phones, pager, palm computers or any other form of material (in any form) concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made us of (material shall include any marks in any format (diagrams, clues, writing) on the body of the candidate which can be used as an aid in the subject of examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
1(b)	If the candidate gives assistance or guidance or receives it from any other candidate orally or by any body language methods or communicates through any means with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that paper only of all the candidates involved. In case of an outsider, she/he will be handed over to the police and a case is registered against him/her.
2	If the candidate has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examination and project work and shall not be permitted to appear for the remaining examination of the subjects of that Semester/year. The Hall Ticket of the candidate will be canceled and sent to the University.
3	If the candidate impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from the examination hall and shall forfeit the admission. The performance of the legitimate candidate, who has been impersonated, shall be canceled in all the subjects of the examination (including practical and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from classwork and all University examinations. If the imposter is an outsider, he will be handed over to the police and a case is registered against him/her.
4	If the candidate carries in the Answer Book or Additional Sheet or takes out OR arranges	Expulsion from the examination hall and cancellation of the

	to send out the question paper during the examination OR answer book or additional sheet, during or after the examination.	performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from admission classwork and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with the forfeiture of admission.
5	If the candidate uses objectionable, abusive or offensive language in the answer paper, or letters to the examiners or communicates with the examiner in any form requesting her/him to award pass marks or makes any other request.	Cancellation of the performance in that subject.
6	If the candidate leaves the exam hall taking away answer script or intentionally tears off the script or any part thereof making it illegible in any form or outside the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all the other papers the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from admission classwork and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with the forfeiture of admission.
7	If the student of the School, who is not a candidate for the particular examination or any person not connected with the school indulges in any malpractice or improper conduct.	Student of the school: expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the admission. Person(s) who do not belong to the School/University will be handed over to the police and a police case will be registered against them.
8	Copying detected based on internal evidence, during evaluation or special scrutiny as may be undertaken by the University.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations

		and project work of that semester/year examinations.
9	If any malpractice/misbehaviour is detected which is not covered in the above clauses 1 to 8 shall be reported to the University for further action to award suitable disciplinary action.	

Note

No supplementary examination shall be permitted for those students who are caught in cases of malpractice.

B) The following shall be ensured by the School in preparations for examinations:

1. Physical (seating) arrangement shall be handled by the school in such a way that the concerned teacher can effectively invigilate.
2. All stationery shall be provided by the school in the examination hall.
3. Mobile phones and other such devices, except for calculators (where approved by the faculty) shall be allowed in to the examination hall.
4. The question paper shall be brought in by the concerned teacher and the responsibility shall be lying with the concerned teacher.
5. Washrooms/lavatories etc to be cleared one day before the examination begins and every day thereafter till the end of the examinations.

As internal examinations (continuous evaluation) also affect term-end examinations, the following rules shall be followed with regards to the conduct of internal examinations:

1. The teacher shall conduct a test each month avoiding the month in which end-semester exams are conducted.
2. The concerned faculty should mandatorily invigilate the semester-end examination of his/her course.
3. The Deans/HoD will ensure that tests are conducted every month using such means as found suitable.

C) Distribution of roles and responsibilities in the examination hall:

S.No.	**Students**	**Responsibilities**	
		Faculty	**School / Dept. Administration**
1	Shall not carry any material, phones except instruments to write, scale, pencil, scientific Calculator. Only admit card and stationery shall be permitted	Shall ensure the same	Frisking before entering the hall including checking for writing on the body, hands, etc.
2	Shall not talk, Communicate in any manner with anyone except the invigilator	Shall invigilate personally with the assistance of scholars, office staff as needed	Shall provide water etc. so that movements of the students are restricted
3	Shall not be allowed to go out during the first half-hour and not more than once during the examination	Shall ensure that not more than one student goes out of the hall at any given time	

Mode of Implementation

If a student is caught for malpractice by any official concerned with the conduct of examination, he shall be handed over to the Dean of the School. The Dean of School shall identify the Nature of malpractices/Improper conduct as indicated from 1 to 8 or 9 as the case may be in the table

above at A, and forward all such cases to the Office of the Controller of Examination. The office of the Controller shall process the complaints and hand out disciplinary action as per the recommendations given against each case in the table at A.

The above rules are in force with effect from July 01, 2016.

GUIDELINES ON ANTI-PLAGIARISM ASPECT OF THESES/DISSERTATIONS

1. The similarity index for all thesis/dissertations, for Ph.D., M.Phil. and M.Tech shall be capped at 10%.

2. If a student is the first author, the similarity index of that publication is to be ignored while calculating the overall similarity index.

3. Where the student is not the first author, the matter shall be taken upon a case by case basis on the recommendation of the supervisor and the HoD/ Dean of the school.

4. Either the paper published or the acceptance letter and abstract on the journals letterhead/ official e-mail shall be required to be enclosed along with the thesis as annexure. This may also be mentioned in every chapter, if applicable, along with the details of the journal where the paper was previously published.

5. a. The format of the Certificate to be attached to the Ph.D. thesis is enclosed at **Annexure 1**.
b. The format of the certificate to be attached to M.Phil and M.Tech dissertations is enclosed at **Annexure 2.**

6. All efforts may be made so that the thesis/dissertation should not be a mere reproduction of the publications. The practice of using the complete extract of the publications in the theses/dissertations is to be discouraged and the supervisors should encourage the students to rewrite their papers.

Annexure 1

CERTIFICATE
(For Ph.D. Thesis)
This is to certify that the thesis entitled _____
Submitted by_____bearing registration number _____
in partial fulfilment of the requirements for award of Doctor of Philosophy in the School of _____ is a bonafide work carried out by him/her under my supervision and guidance.

This thesis is free from plagiarism and has not been submitted previously in part or in full to this or any other University or Institution for the award of any degree or diploma.

Further, the student has the following publication(s) before submission of the thesis/monograph for adjudication and has produced evidence for the same in the form of acceptance letter or the reprint in the relevant area of his research: (**Note**: at least one publication in referred journal is required)
1._____(ISBN/ISSN Number_____),
Chapter of thesis where this publication appears (delete if not applicable) _____,
2._____,
Chapter of thesis where this publication appears (delete if not applicable) _____
And has made presentations in the following conferences :
(**Note**: Delete if not applicable)
1._____, (National/International)
2. _____, (National/International)

Further, the student has passed the following courses towards the fulfilment of the coursework requirement for Ph.D. has been exempted from doing coursework (recommended by the Research Advisory Committee) based on the following courses passed during his M.Phil program and the M.Phil degree awarded:

Course Code	Course Title	Credits	Pass/Fail
1.			
2.			
3.			
4.			

Supervisor **Head of Department** **Dean of School**

Annexure 2

CERTIFICATE
(for M.Tech. Dissertation)

This is to certify that the dissertation entitled "……
……..
submitted by ……
bearing Registration No. …….. in partial fulfillment of the requirements for the award of ……..in (subject)……is a bonafide work carried out by him/her under my/our supervision and guidance which is a Plagiarism free thesis

The thesis has not been submitted previously in part or in full to this or any other University or Institution for the award of any degree or diploma.

Supervisor/s **Head of the Department/Centre** **Dean of the School**

CHARTER OF SERVICES WITH TIME DURATION

Sl. No	Examinations Section	Time Duration
1	Degree Certificate at Convocation	Not applicable
2	Degree in-absentia	Within 25 Days after Convocation
3	Degree before Convocation	20 Days
4	Degree for Foreign Nationals	20 Days
5	Issue of duplicate Degree Certificate	One month
6	5-Year Integrated PG/PG/ M.Phil. / M.Tech. / Ph.D.- Provisional Certificate	14 Days
7	Revised Corrected Semester Grade Transcript	7 Days
8	Revised Corrected PG/M.Phil / M.Tech Provisional Certificate	7 Days
9	All Kinds of certificates like Medium of Study and Course Completion, UGC Regulations 2009/ 16 and NET Exemption certificate	4 Days
10	To Certify Official Transcripts	2 Days
11	Permission for Recourse/Repeat	7 Days
12	Permission for Supplementary/ Improvement Examination Special Supplementary Examination	4 Days
13	Miscellaneous (Rank Certificate etc.)	4 Days

NOTE

1) No. of working days mentioned above is excluding the day of submission and holidays.
2) The requests should be routed through proper channel and complying with the required conditions.
3) Students need to show their ID cum semester registration card.
4) All Certificates have to be collected from the respective sections between 3-5 pm after the prescribed duration.

APPENDIX – II [Academic Ordinance]

Rules for preservation of various records concerning academic & examination matters

S.No	Name of the record	Period of preservation in the Section
1.	Files containing the approval of admissions to various courses	Two years
2.	i) Personal files of students along with their applications for admission: a) Those awarded degrees by the University. b) Who discontinue without completing their studies ii) Applications of rejected candidates	 One year after the Convocation in which the degree is awarded to the concerned student One year after the withdrawal of admission One year after the closure of admission
3.	Legal cases concerning admissions	Three years from the year of admission/case being filed
4.	Enrolment Register	Permanent
5.	Evaluated OMR/answer books of the candidates for the Entrance Examination	To be destroyed after one year of the date of the entrance examination by the concerned School/Department/Centre.
6.	Question papers for the Entrance Examinations	To be uploaded in website and one set with the Controller of Examinations
7.	Any confidential work of Entrance Examinations	All records to be destroyed after completion of the concerned examinations.
8.	Attendance records of students	To be preserved by the respective Schools / Department/Centres and destroyed after one year of completion of the prescribed course
9.	Year Book concerning student admissions, enrolment, the award of scholarship, etc.	Permanent one bound copy to be preserved by the Controller of Examinations
10.	Disciplinary cases	One year after completion of the course by the concerned student
11.	Tabulation Register	Permanent
12.	End- Semester Result files	Permanent
13.	Result Notification (Final Examinations)	Permanent One set by the Controller of Examinations and one by the concerned School/Dept./Centre
14.	Degrees/Medals received back undelivered	Permanent till they are delivered
15.	Cancelled degrees	One year after the Convocation and thereafter to be counted and destroyed by the CE in the presence of at least 3 Officers
16.	Order of presentation degrees at the Convocation duly signed by the Vice-Chancellor/Chancellor	Permanent with the Controller of Examinations
17.	General correspondence regarding manufacture and award of medals	One year after Convocation

18.	Answer books of end-semester examinations	To be destroyed after one year of the end-semester exam by the concerned School/ Department/Centre
19.	Examiner's reports on M.Phil/M.Tech/Ph.D dissertation/ project report/ thesis	Permanent
20.	File concerning the award of honorary degrees	Permanent
21.	Question papers of the end-semester examinations	One set of question papers for each semester to be preserved by the School/Department/Centre/ Library for 5 years
22.	Thesis/Dissertation copies of Ph.D./M.Phil./M.Tech.	INFLIBNET Shodhganga
Note: Examination records will be preserved in the Section itself		
23.	Agenda and Minutes of Academic Council/Standing Committee of the Academic Council.	Permanent
24.	Agenda and Minutes of School Boards	Permanent to be kept in the custody of the Dean of the School concerned
25.	Agenda and Minutes of Departmental Committees	Permanent to be kept in the custody of the Head of the Department/Centre concerned.

Adoption of UGC (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2022:

University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022 issued through Gazette notification dated 7th November, 2022, and its adoption by the 91st Academic Council meeting held on 6th April, 2023 (item no. AC:91:2023:11) **- Brief Summary**

S.No	Content Items	As per UGC Regulations 2022
		UGC Regulations 2022 will be applicable to the **Scholars admitted from** the academic year **2022-23 onwards** and as adopted by 91st Academic Council meeting held on 6th April, 2023.
1	Eligibility criteria for admission	The following are eligible to seek admission to the Ph.D. programme: (1) Candidates who have completed: A 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed **Or** equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution. A **relaxation of 5%** marks or its equivalent grade may be allowed for those belonging to **SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS)** and other categories of candidates as per the decision of the Commission from time to time. Provided that a candidate seeking **admission after a 4-year/8-semester bachelor's degree** programme should have a **minimum of 75% marks** in aggregate or its equivalent grade on a point scale wherever the grading system is followed. A **relaxation of 5% marks** or its equivalent grade may be allowed for those belonging to **SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS)** and other categories of candidates as per the decision of the Commission from time to time. (2) Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other

		statutory authority in that country to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/ Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.
2	Duration of the programme	1. Ph.D. Programme shall be for a minimum duration of three years, including course work, and a maximum duration of six (6) years from the date of admission to the Ph.D. programme. 2. Extension of maximum of an additional two (2) years can be given through a process of re-registration; provided, however, that the total period for completion of a Ph.D. programme should not exceed eight (8)years from the date of admission in the Ph.D. programme. Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional extension of two (2) years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten (10) years from the date of admission in the Ph.D. programme. 3. Female Ph.D. Scholars may be provided MaternityLeave/Child Care Leave for upto 240 days in the entire duration of the Ph.D. programme. 4. No academic extension beyond the duration mentioned in (1) and (2) above will be allowed under any circumstances. **Re-registration (academic extension without hostel) guidelines:** 1. There will not be any de-registration process for additional period; 2. Students, who could not submit their thesis within 6 years, have to seek re-registration (academic extension without hostel) for additional duration (Maximum period of 2 years) preferably on or before the last date of regular duration or within six months through proper channel after completion of regular duration of 6 years. Further, female / PwD scholars have to seek further extension, immediately after the lapse of first 2 years (Maximum additional duration of 2 years); Re-registration (academic extension without hostel) request should be routed through proper channel.

		3. If no re-registration (academic extension without hostel) is sought by the student as mentioned in above point, admission stands cancelled. 4. Students has to submit his/her thesis within the stipulated time mentioned in the re-registration (academic extension without hostel) order by making an application and re-registration (academic extension without hostel) fee of Rs.5000/- and clear all other dues/fees, if any, till the date of submission of final thesis. 5. Students who sought re-registration (academic extension without hostel) should complete all formalities/process and submission of thesis should be within the duration of 8 years and within 10 years in case of female / PwD scholars from the date of admission. 6. Hostel and other facilities shall be only for the prescribed maximum duration of 6 years as per existing norms and practice. 7. There will not be any entitlement of fellowship/scholarship during the leave period and additional period/duration as per extant rules;
3	Procedure for admission	(1) The admission shall be based on the criteria notified by the institution, keeping in view the guidelines/norms in this regard issued by the UGC and other statutory/regulatory bodies concerned, and taking into account the reservation policy of the Central/State Government from time to time. (2) Admission to the Ph.D. programme shall be made using the following methods: i) HEIs may admit students who qualify for fellowship /scholarship in UGC-NET/UGC- CSIR NET/GATE/CEED and similar National level tests based on an interview. And/or ii) HEIs may admit students through an Entrance Test conducted at the level of the individual HEI. The Entrance Test syllabus shall consist of 50% of research methodology and 50% shall be subject- specific. iii) Students who have secured 50 % marks in the entrance test are eligible to be called for the interview. iv) A relaxation of 5 % marks will be allowed in the entrance examination for the candidates belonging to SC/ST/OBC/differently-abled category, Economically Weaker Section (EWS), and other categories of candidates as per the decision of the Commission from time to time. v) HEIs may decide the number of eligible students to be called for an interview based on the number of Ph.D. seats available.

		vi) Provided that for the selection of candidates based on the entrance test conducted by the HEI, a weightage of 70 % for the entrance test and 30 % for the performance in the interview/viva- voce shall be given. (3) Universities and Colleges which are eligible to conduct Ph.D. programmes, shall: i. Notify a prospectus well in advance on the institution's website specifying the number of seats for admission, subject/discipline-wise distribution of available seats, criteria for admission, the procedure for admission, and all other relevant information for the candidates; ii. Adhere to the National/State-level reservation policy, as applicable. (4) The Higher Educational Institution shall maintain a list of Ph.D. supervisors (specifying the name of the supervisor, his or her designation, and the department/school/centre), along with the details of Ph.D. scholars (specifying the name of the registered Ph.D. scholar, the topic of his/her research and the date of admission) admitted under them on the website of the institution and update this list every academic year.
4	Allocation of Supervisor	**1.** Eligibility criteria to be a Research Supervisor, Co-Supervisor, Number of Ph.D. scholars permissible per supervisor, etc. (1) Permanent faculty members working as Professor/Associate Professor of the Higher Educational Institution with a Ph.D., and at least five research publications in peer-reviewed or refereed journals and permanent faculty members working as Assistant Professors in Higher Educational Institutions with a Ph.D., and at least three research publications in peer-reviewed or refereed journals may be recognized as a Research Supervisor in the university where the faculty member is employed or in its affiliated Post-graduate Colleges/institutes. Such recognized research supervisors cannot supervise research scholars in other institutions, where they can only act as co-supervisors. Ph.D. awarded by a university under the supervision of a faculty member who is not an employee of the university or its affiliated Post- graduate Colleges/institutes would be in violation of these Regulations. For Ph.D. scholars working in Central government/ State government research institutions whose degrees are given by Higher Educational Institutions, the scientists in such research institutions who are equivalent to Professor/Associate Professor/Assistant Professor can be recognized as supervisors if they fulfill the above requirements. Provided that in areas/disciplines where there is no, or only a limited number of peer-reviewed or refereed journals, the Higher Educational Institution may relax the above

	In case of relocation of an Ph.D. woman scholar due to marriage or otherwise.	condition for recognition of a person as Research Supervisor with reasons recorded in writing. Co-Supervisors from within the same department or other departments of the same institution or other institutions may be permitted with the approval of the competent authority. Every student should be allotted a supervisor within one month of admission. **Adjunct Faculty members shall not act as Research Supervisors and can only act as co-supervisors.** (2) In case of interdisciplinary/multidisciplinary research work, if required, a Co-Supervisor from outside the Department/ School/ Centre/ College/ University may be appointed. (3) An eligible Professor/Associate Professor/Assistant Professor can guide up to eight (8) / six (6) / four (4)Ph.D. scholars, respectively, at any given time. (4) In case of relocation of a female Ph.D. scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the Higher Educational Institution to which the scholar intends to relocate, provided all the other conditions in these Regulations are followed, and the research work does not pertain to a project sanctioned to the parent Institution/Supervisor by any funding agency. Such scholarshall, however, give due credit to the parent institution and the supervisor for the part of research alreadyundertaken. (5) Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as a co-supervisor after superannuation, but not after attaining the age of 70 years.
5	Course work	(1) The Credit requirement for the Ph.D. coursework is a minimum of 12-14 credits, including a "Research and Publication Ethics" course as notified by UGC vide D.O. No. F.1- 1/2018(Journal/CARE) in 2019 and a research methodology course. The Research Advisory Committee can also recommend UGC recognized online courses as part of the credit requirements for the Ph.D. programme. (2) All Ph.D. scholars, irrespective of discipline, shall be required to train in teaching /education /pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/research assistantship for conducting tutorial or laboratory work and evaluations.

		(3) A Ph.D. scholar must obtain a minimum of 55% marks or its equivalent grade in the course work to be eligible to continue in the Ph.D. program and to submit the thesis. (4) All Ph.D. scholars admitted from 2022 batch onwards have to complete the mandatory course work in the **first 4 semesters** to stay in the Ph.D. program. The Ph.D. course work is mandatory for all students. Coursework exemption will not be granted under any circumstances. **If a student fails to complete the coursework in first 4 semesters will have to leave the program.** (5) The Deans/Heads of the respective Academic Units should immediately inform Controller of Examinations Office of any student fails to complete the coursework within 4 semesters. There is no provision for Improvement or Special Supplementary exam to be conducted. Academic Units may offer coursework in all semesters and conduct regular & supplementary exams to enable them to avail opportunity to clear the coursework in 2 years. **Failure to complete the course work within two year means that the students have to leave the programme**. In course work for Ph.D., (i) required attendance is 75% and (ii) the pass percentage is 55% or a CGPA of 6.0. In the Ph.D. coursework, the Results and Grade sheets will only carry Pass/Fail results. **Grading for Ph.D courses is as follows :** 80 < 100 A+ 75 < 80 A 65 < 75 B+ 60 < 65 B 55 < 60 C A grade sheet will be issued for the course work done.
6	Research Advisory Committee (Earlier Doctoral Research Committee)	(1) There shall be a Research Advisory Committee or an equivalent body as defined in the Statutes/Ordinances of the Higher Educational Institution concerned for each Ph.D. scholar. The Research Supervisor of the Ph.D. scholar concerned shall be the Convener of this committee, and this committee shall have the following responsibilities: i. To review the research proposal and finalize the topic of research. ii. To guide the Ph.D. scholar in developing the study design and methodology of researchand identify the course(s) that he/she may have to do.

		iii. To periodically review and assist in the progress of the research work of the Ph.D. scholar. (2) Each semester, a Ph.D. scholar shall appear before the Research Advisory Committee to make a presentation and submit a brief report on the progress of his/her work for evaluation and further guidance to the maximum of 6th year. TheResearch Advisory Committee shall submit its recommendations along with a copy of Ph.D. scholar's progress report to the Higher Educational Institution concerned. A copy of such recommendations shall also be provided to the Ph.D. scholar. (3) In case the progress of the Ph.D. scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the Ph.D. scholar fails to implement these corrective measures, the Research Advisory Committee may recommend, with specific reasons, the cancellation of the registration of the Ph.D. scholar from the Ph.D. programme.
7	Evaluation and Assessment Methods, minimum standards/credits for award of the degree Presentations and Publications	(1) Upon satisfactory completion of course work and obtaining the marks/grade prescribed in clause (3) of Regulation 9 above, the Ph.D. scholar shall be required to undertake research work and produce a draftdissertation/thesis. (2) Before submitting the dissertation/thesis, the Ph.D. scholar shall make a presentation before the Research Advisory Committee of the Higher Educational Institution concerned, which shall also be open to all faculty members and other research scholars/students. (3) The Higher Educational Institution concerned shall have a mechanism using well-developed software applications to detect Plagiarism in research work and the research integrity shall be an integral part of all the research activities leading to the award of a Ph.D. degree. (4) A Ph.D. scholar shall submit the thesis for evaluation, along with (a) an undertaking from the Ph.D. scholar that there is no plagiarism and (b) a certificate from the Research Supervisor attesting to the originality of the thesis and that the thesis has not been submitted for the award of any other degree/diploma to any other Higher Educational Institution. (5) The Ph.D. thesis submitted by a Ph.D. scholar shall be evaluated by his/her Research Supervisor and at least two external examiners at a level of Associate Professor and above who are experts in the field and not in employment of the Higher Educational Institution concerned. Such examiner(s) should be academics with a good record of

		scholarly publications in the field. Wherever possible, one of the external examiners should be chosen from outside India. The viva-voce board shall consist of the Research Supervisor and at least one of the two external examiners and may be conducted online. The viva-voce shall be open to the members of the Research Advisory Committee/faculty members/research scholars, and students. Higher Educational Institutions may formulate appropriate rules/ordinances to effect the provisions of this Regulations. (6) The viva-voce of the Ph.D. scholar to defend the thesis shall be conducted if both the external examiners recommend acceptance of the thesis after incorporating any corrections suggested by them. If one of the external examiners recommends rejection, the Higher Educational Institution concerned shall send the thesis to an alternate external examiner from the approved panel of examiners, and the viva-voce examination shall be held only if the alternate examiner recommends acceptance of the thesis. If the alternate examiner does not recommend acceptance of the thesis, the thesis shall be rejected, and the Ph.D. scholar shall be declared ineligible for the award of a Ph.D. (7) The Higher Educational Institution concerned shall complete the entire process of evaluating a Ph. D. thesis, including the declaration of the viva-voce result, within a period of six (6) months from the date of submission of the thesis.
8	Ph.D. through Distance Mode/Part-time	(1) Ph.D. programmes through part-time mode will be permitted, provided all the conditions stipulated in these Regulations are fulfilled. (2) The Higher Educational Institution concerned shall obtain a "No Objection Certificate" through the candidate for a part-time Ph.D. programme from the appropriate authority in the organization where the candidate is employed, clearly stating that: i. The candidate is permitted to pursue studies on a part-time basis. ii. His/her official duties permit him/her to devote sufficient time for research. iii. If required, he/she will be relieved from the duty to complete the course work. Other norms for conversion from **Full time to Part time PhD** are as follows: (as resolved in 89th Academic Council held on 17th December, 2021) 1. The student must have successfully completed the course work prescribed within the duration from the date of his/her admission. 2. The student should have completed 1 year of his registration (Residency period)

		3. The Maximum duration will remain same as per the Regulations. 4. The student must have, obtained regular/full time employment, 5. The student will have to pay the semester fees and present the progress of work to the RAC every semester and do semester registration as part time for continuation in his/her PhD. Programme till a maximum of 6 years. In case if a student fails to present his/her progress of work to the RAC for 2 consecutive semesters then his/her admission will be cancelled. 6. For Science Schools (except SCIS) the recommendations will come through the School Board. There will be a one-time conversion fee from regular Ph.D to Part-time PhD of Rs. 5000/- at the time of application along with RAC report. The External/part time PhD. students have to pay a part-time PhD fee of Rs. 5,000/- per semester in addition to the regular semester fee. (3) Notwithstanding anything contained in these Regulations or any other law, for the time being in force, no Higher Educational Institution or research institution of the Central government or a State Government shall conduct Ph.D. programmes through distance and/or online mode.
9	Award of Ph.D degrees before Notification of these Regulations, or degrees awarded by foreign Universities	Award of degrees to candidates registered for the Ph.D. programme on or after July 11, 2009, till the date of Notification of these Regulations shall be governed by the provisions of the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations, 2016 as the case may be. Further, the award of degrees to candidates already registered and pursuing Ph.D. shall be governed by these Regulations or UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2016. Nothing in these Regulations shall impact the M.Phil. degree programmes commencing prior to the enactment of these Regulations.
10	Depository with INFLIBNET	Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree(s), the Higher Educational Institution concerned shall submit an electronic copy of the Ph.D. thesis to INFLIBNET, for hosting the same so as to make it accessibleto all the Higher Educational Institutions and research institutions.
11	Admission of International students in Ph.D. programme.-	(1) Each supervisor can guide up to two international research scholars on a supernumerary basis over and above the permitted number of Ph.D. scholars as specified in clause 6.3 above. (2) The HEIs may decide their own selection procedure for Ph.D.

		admission of international students keeping in view the guidelines/norms in this regard issued by statutory/regulatory bodies concerned from time to time.
12	Grant of M.Phil. Degree.	**Higher Educational Institutions shall not offer the M.Phil. (Master of Philosophy) programme.**
13	Issuing a Provisional certificate	Prior to the actual award of the Ph.D. degree, the degree-awarding Higher Educational Institution shall issue a provisional certificate to the effect that the Ph.D. is being awarded in accordance with the provisions of these Regulations

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University of Hyderabad										
TABLE - I : Break-up for the approved Intake for 2023-24 : 5-Year Integrated Courses										
S.No.	**Course**	**Subject**	**GE**	**SC**	**ST**	**OBC**	**EWS**	**Total**	**PH**	**DP**
1.	I.M.Sc.	Mathematical Science	9	3	1	5	2	20	1	1
2.	I.M.Sc.	Physics	18	6	2	10	4	40	2	2
3.	I.M.Sc.	Chemical Science	12	5	2	8	3	30	1	1
4.	I.M.Sc.	Biology : Biochemistry	3	1	1	2	1	8	0	0
5.	I.M.Sc.	Plant Biology & Biotech.	3	1	1	2	1	8	0	0
6.	I.M.Sc.	Microbiology and Immunology	3	1	1	2	1	8	0	0
7.	I.M.Sc.	Animal Bio. & Biotech.	3	1	1	2	1	8	0	0
8.	I.M.Sc.	Biotech. & Bioinformatics	3	1	1	2	1	8	0	0
9.	I.M.Sc.	Systems and Comp. Biology	3	1	1	2	1	8	0	0
10.	I.M.Sc.	Applied Geology	4	2	0	3	1	10	1	1
11.	M.Optom	Master of Optometry	11	4	2	8	3	28	1	1
12.	I.M.Sc.	Health Psychology	8	3	2	5	2	20	1	1
13.	I.M.A.	Telugu	8	3	1	5	2	19	1	1
14.	I.M.A.	Hindi	8	3	2	5	2	20	1	1
15.	I.M.A.	Language Sciences	8	3	1	5	2	19	1	1
16.	I.M.A.	Urdu	6	2	1	4	1	14	1	1
17.	I.M.A.	Economics	6	2	1	4	1	14	1	1
18.	I.M.A.	History	5	2	1	4	1	13	1	1
19.	I.M.A.	Political Science	5	2	1	4	1	13	1	1
20.	I.M.A.	Sociology	6	2	1	4	1	14	1	1
21.	I.M.A.	Anthropology	5	2	1	4	1	13	1	1
22.	Int.MTech	Comp. Science Engg.	14	6	3	11	4	38	2	0
			151	**56**	**28**	**101**	**37**	**373**	**18**	**16**
			40.48	15.01	7.50	27.07	9.92		4.82	4.28

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TABLE - II : Break-up for the approved Intake for 2023-24 : PG Courses

S.No.	Course	Subject	GE	SC	ST	OBC	EWS	Total	PH	DP
1.	M.Sc.	Mathematics / Applied Maths	19	8	4	14	5	50	2	2
2.	M.Sc.	Statistics - OR	10	4	2	7	2	25	1	1
3.	M.C.A.	Computer Applications	16	6	3	11	4	40	2	0
4.	M.Sc.	Physics	26	7	3	15	5	56	3	3
5.	M.Sc.	Chemistry	26	7	3	15	5	56	3	3
6.	M.Sc.	Biochemistry	11	4	2	7	2	26	1	1
7.	M.Sc.	Plant Biology & Biotechnology	10	3	2	6	2	23	1	1
8.	M.Sc.	Microbiology and Immunology	6	2	1	4	2	15	1	1
9.	M.Sc.	Animal Biology & Biotechnology	10	3	2	6	2	23	1	1
10.	M.Sc.	Biotechnology	**12**	**5**	**2**	**8**	**3**	**30**	**1**	**0**
11.	M.P.H.	Master of Public Health	15	6	3	10	4	38	2	2
12.	M.Sc.	Ocean and Atmospheric Sciences	3	2	1	3	1	10	1	1
13.	M.Sc.	Health Psychology	6	2	1	4	2	15	1	1
14.	M.Sc.	Neural and Cognitive Science	8	2	1	4	1	16	1	1
15.	M.A.	English	24	8	4	15	5	56	3	3
16.	M.A.	Philosophy	11	4	2	8	3	28	1	1
17.	M.A.	Hindi	19	7	4	13	4	47	2	2
18.	M.A.	Telugu	24	8	4	15	5	56	3	3
19.	M.A.	Urdu	9	4	2	7	3	25	1	1
20.	M.A.	Applied Linguistics	9	4	2	7	3	25	1	1
21.	M.A.	Comparative Literature	9	4	2	7	3	25	1	1
22.	M.A.	Sanskrit Studies	8	3	2	5	2	20	1	1
23.	M.A.	English Language Studies	10	4	2	6	2	24	1	1
24.	M.A.	History	28	9	4	18	6	65	3	3
25.	M.A.	Political Science	28	9	4	18	6	65	3	3
26.	M.A.	Sociology	28	9	4	18	6	65	3	3
27.	M.A.	Anthropology	12	5	2	8	3	30	1	1
28.	M.Ed.	Education	19	8	4	14	5	50	2	2
29.	M.A.	Gender Studies	8	3	2	5	2	20	1	1
30.	M.A.	Economics	30	11	6	20	8	75	3	3
31.	M.A.	Financial Economics	14	6	3	10	4	37	2	2
32.	M.P.A.	Dance: Kuchipudi	3	2	1	3	1	10	1	1
33.	M.P.A.	Dance: Bharatanatyam	3	2	1	3	1	10	1	1
34.	M.P.A.	Theatre Arts	7	3	1	4	2	17	1	1
35.	M.P.A.	Music (Karnataka Vocal/Instr.)	3	2	1	3	1	10	1	1
36.	M.P.A.	Music (Hindustani Vocal/Instr.)	3	2	1	3	1	10	1	1
37.	M.V.A.	Painting	6	3	1	5	2	17	1	1
38.	M.V.A.	Print Making	3	2	1	3	1	10	1	1
39.	M.V.A.	Sculpture	3	2	1	3	1	10	1	1
40.	M.V.A.	Art History & Visual Studies	3	2	1	3	1	10	1	1
41.	M.A.	Communication (Media Studies)	9	4	2	7	3	25	1	1
42.	M.A.	Communication (Media Practise)	9	4	2	7	3	25	1	1
43.	M.B.A.	General	30	11	6	20	8	75	4	4
44.	M.B.A.	Health Care & Hospital Mgt.	15	6	3	9	4	37	2	2
45.	M.B.A.	Business Analytics	15	6	3	9	4	37	2	2
46.	E.M.B.A.	Executive MBA	17	6	3	10	4	40	2	2

		Total	**597**	**224**	**111**	**400**	**147**	**1479**	**74**	**71**
			40.37	**15.15**	**7.51**	**27.04**	**9.94**		**5.00**	**4.80**

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TABLE - III : Break-up for the approved Intake for 2023-24 : M.Tech. programmes

S.No.	Course	Subject	GE	SC	ST	OBC	EWS	PH	TOTAL
1.	M.Tech.	Computer Science	17	6	4	12	4	2	45+5*
2.	M.Tech.	Artificial Intelligence	10	4	3	8	3	2	30+5*
3.	M.Tech.	Information Technology	10	4	3	8	3	2	30+5*
4.	M.Tech.	Information Security	6	3	1	5	2	1	18+5*
5.	M.Tech.	Bioinformatics	10	4	2	6	2	1	25
6.	M.Tech.	Materials Engineering	6	3	1	5	2	1	18
7.	M.Tech.	Nanoscience and Technology	6	3	1	5	2	1	18
8.	M.Tech.	Manufacturing Science and Engg.	6	3	1	5	2	1	18
9.	M.Tech.	Integrated Circuit Technology	6	3	1	5	2	1	18
10.	M.Tech.	Microelectronics & VLSI Design	6	3	1	5	2	1	18
11.	M.Tech.	Modeling and Simulation	12	5	3	10	4	2	36
		Total	**95**	**41**	**21**	**74**	**28**	**15**	**274**
			34.67	14.96	7.66	27.01	10.22	5.47	
	*	**Sponsored**							

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TABLE - IV : Break-up for the approved Intake for 2023-24 : Ph.D. Programmes

S.No.	Course		GE	SC	ST	OBC	EWS	PH	TOTAL
	Int. M.Sc.-Ph.D./Ph.D. Programmes								
1.	Int.M.Sc.-Ph.D.	Biochemistry and Molecular Bio.	2	1	0	2	1	0	6
2.	Int.M.Sc.-Ph.D.	Animal Biology and Biotech.	2	1	0	2	1	0	6
3.	Int.M.Sc.-Ph.D.	Biotechnology	2	1	0	2	1	0	6
4.	Ph.D.	Mathematics	1	1	0	1	1	0	4
5.	Ph.D.	Applied Mathematics	1	0	0	0	0	0	1
6.	Ph.D.	Computer Science	5	2	1	4	2	1	15
7.	Ph.D.	Physics	7	3	1	5	2	1	19
8.	Ph.D.	Electronics Science and Engg.	3	1	0	2	1	0	7
9.	Ph.D.	Earth, Ocean and Atmos. Sci.	3	1	1	2	1	1	9
10.	Ph.D.	Chemistry	9	4	2	6	2	1	24
11.	Ph.D.	Biochemistry	5	2	1	3	1	1	13
12.	Ph.D.	Plant Sciences	3	1	1	2	1	1	9
13.	Ph.D.	Animal Biology	1	1	1	1	1	0	5
14.	Ph.D.	Biotechnology	2	1	1	1	1	0	6
15.	Ph.D.	Systems & Comp. Biology	1	0	0	1	0	0	2
16.	Ph.D.	English	2	1	1	2	1	0	7
17.	Ph.D.	Philosophy	2	1	1	2	1	0	7
18.	Ph.D.	Hindi	4	2	1	3	1	1	12
19.	Ph.D.	Telugu	4	2	1	3	1	1	12
20.	Ph.D.	Urdu	2	0	1	1	1	0	5
21.	Ph.D.	Applied Linguistics	1	1	0	1	0	0	3
22.	Ph.D.	Translation Studies	1	0	0	0	0	0	1
23.	Ph.D.	Comparative Lit.	2	1	0	1	0	0	4
24.	Ph.D.	Sanskrit Studies	1	0	0	1	0	0	2
25.	Ph.D.	History	3	1	1	2	1	1	9
26.	Ph.D.	Political Science	4	2	1	3	1	1	12
27.	Ph.D.	Sociology	6	2	1	4	2	1	16
28.	Ph.D.	Anthropology	1	1	0	1	0	0	3
29.	Ph.D.	Education	2	1	1	2	0	1	7
30.	Ph.D.	Regional Studies	1	1	0	1	0	0	3
31.	Ph.D.	Social Excl. & Incl. Policy	3	1	1	2	1	0	8
32.	Ph.D.	Indian Diaspora	1	0	0	1	0	0	2
33.	Ph.D.	Gender Studies	1	0	0	1	0	0	2
34.	Ph.D.	Economics	7	3	2	6	2	1	21
35.	Ph.D.	Dance	1	0	0	1	0	0	2
36.	Ph.D.	Art History & Visual Studies	1	0	0	0	0	0	1
37.	Ph.D.	Communication	2	1	0	1	0	0	4
38.	Ph.D.	Management Studies	5	2	1	5	1	1	15
39.	Ph.D.	Health Sciences: Public Health	1	0	0	0	0	0	1
40.		Optometry	0	0	0	1	0	0	1
41.	Ph.D.	Psychology	1	1	0	1	0	0	3
42.	Ph.D.	Cognitive Science	2	1	0	1	1	0	5
43.	Ph.D.	Materials Engineering	2	1	1	2	1	0	7
44.	Ph.D.	Nanoscience and Technology	0	0	0	1	0	0	1

		Total	**110**	**46**	**23**	**84**	**31**	**14**	**308**
			35.71	14.98	7.47	27.27	10.06	4.54	

University of Hyderabad

Break-up for the approved Intake 2023-24

A B S T R A C T

Courses	GE	SC	ST	OBC	EWS	Total	PH	DP
	151	56	28	101	37	373	18	16
Postgraduate	597	224	111	400	147	1479	73	71
M.Tech.	95	41	21	74	28	274	15	
Ph.D.	110	46	23	84	31	308	14	
Total	**953**	**367**	**183**	**659**	**243**	**2434**	**121**	**87**
	39.15	15.07	7.51	27.07	9.98		4.97	4.64

NOTE

1. M.Sc. Biotechnology (30 seats) are to be filled as per the guidelines of (GAT-B) of RCB, Faridabad.

2. PH seats in PG courses are Supernumerary seats. Total seats for PH is 92+29=121 out of intake 2434. As per the decision of the Academic Council, wherever the intake is 10 or more one seat will be allotted to PH category and overall 5% seats have been reserved to PH category.

3. In M.Tech., and Ph.D. programmes, the PH seats are not supernumerary. In Ph.D. courses wherever the intake is 8 or more one seat is reserved for ST. Efforts are made to provide ST representation to all Schools as far as possible looking into the intake.

4. Seats are not reserved for DP category candidates in the M.Tech./ 5 Year Integrated M.Tech. programmes as per the norms of CCMT and CSAB of JEE. Besides, the seats are not reserved in Ph.D. programmes as there will be only for foreign nationals supernumerary seats in these programmes as per UGC Regulations 2022.

5. Any candidate applying under two categories will be shown in both categories on the basis of merit as per rules of reservation. The candidate may decide the category in which he/she wishes to take admission.

6. When there are no eligible candidates from PH/DP categories, these seats should not be converted/ transferred and offered to any other category for Integrated and PG courses as they are Supernumerary seats.

7. The unfilled seats as per the roster will be carried forward for January 2024 session in Ph.D. programmes.

8. All extant guidelines on reservations issued by UGC, Ministry of Education and DoPT be followed strictly and no reserved category seat be converted/transferred or offered to any other category.

Prof. P.K. Suresh Dr. Md. Abdul Saifullah Prof. Srinivasarao Yaragorla

Liaison Officer (SC/ST)	Liaison Officer (PWD)	Liaison Officer (OBC)
P. Thukaram Deputy Registrar (RCC)	Dr. Bipin P Varghese Deputy Registrar (A & E)	Dr. Devesh Nigam Controller of Examinations

Fee Refund policy 2023-24:

If students admitted in the current academic session 2023-24 chooses to withdraw his/her admission from the University, fee shall be refunded to the student as per the following system:

S.No.	Admission cancellation period	Charges
1.	Before September 30, 2023	Nil
2.	From October 1, 2023 to October 31, 2023	Rs.1000/- (As processing fee)

Further, if students want to cancel admission from the University after 31st October 2023, the following refund policy as per UGC Notification dated October 2018 will be applicable:

Sl. No.	Percentage of Refund of Fees*.	Point of time when notice of withdrawal of admission is received in the HEI.
1.	100%	15 days or more **before** the formally notified last date of admission.
2.	90%	Less than 15 days **before** the formally notified last date of admission.
3.	80%	15 days or less **after** the formally notified last date of admission.
4.	50%	30 days or less, but more than 15 days **after** formally notified last date of admission.
5.	00%	More than 30 days **after** formally notified last date of admission.

* Medical Insurance fee, as per actuals, will be mandatorily deducted. The refund of fees due to a student who withdraws admission within the time mentioned in the Prospectus, will be processed only after closure of all admissions.

S.No.	Subject		Weightage in lieu of Written Test
1.	Mathematics/Applied Mathematics	UGC-JRF, CSIR-JRF & NBHM	50
2.	Computer Science	UGC-JRF, CSIR-JRF	40
3.	Physics	UGC-CSIR JRF	40
4.	Electronics Science and Engineering	UGC-CSIR JRF	40
5.	Chemistry	UGC-CSIR JRF	52.5
6.	Biochemistry	CSIR-UGC, DBT, ICMR	40
7.	Plant Sciences	CSIR-UGC, DBT, ICMR	40
8.	Animal Biology	CSIR-UGC, DBT, ICMR	40
9.	Biotechnology	CSIR-UGC, DBT, ICMR	40
10.	Systems & Computational Biology	CSIR-UGC, DBT, ICMR	40
11.	Health Sciences- Public Health stream	UGC JRF in Social Medicine & Community Health	35
12.	Cognitive Science	JRF in (UGC/ CSIR/ ICMR/ DBT)	40

WEIGHTAGES FOR INTERVIEW FOR PH. D COURSES FOR THE ACADEMIC YEAR 2023-24

Sl.No.	Weightage being considered	Marks
MATHEMATICS & STATISTICS		
1.	Interview	30
	Total	30
COMPUTER SCIENCE		
1.	Research Proposal and its defense	Oral Delivery of proposal & defense: **6 marks.** Relevance and alignment to any of the faculty research: **5 Marks** Presentation and Biliography:**4 Marks** **Total 15 Marks**
2.	Interview	15 Marks
	Total	30 Marks
PHYSICS		
1.	Research Proposal and its defence	30
2.	UGC NET (Lectureship) or valid GATE score	
3.	Interview	
	Total	30
CENTRE FOR ADVANCED STUDIES IN ELECTRONICS SCIENCE AND TECHNOLOGY(CASEST)		
Ph.D. (Electronics Science and Engineering)		
1.	Research Proposal and its defence	05 (2 for written proposal + 3 for defence and ZERO if written proposal is not submitted)
2.	Having fellowship from any governmental agency (such as DST, UGC etc. or /NET/SET	05
3.	Interview	20
	Total	30
CENTRE FOR EARTH, OCEAN AND ATMOSPHERIC SCIENCES (CEOAS)		
1.	Research Proposal and its defense	10
2.	Fellowship/UGC-CSIR JRF	5
3.	Interview	15
	Total	30
CHEMISTRY		
1.	Basic concepts	10
2.	Comprehension	10
3.	Research aptitutde	10
	Total	30
BIOCHEMISTRY		

1.	Research Proposal and its defence	0
2.	Having fellowship/M.Phil/NET/SET	0
3.	Interview	30
	Total	30
PLANT SCIENCES AND MICROBIOLOGY		
1.	Research Proposal and its defence	5
2.	Having fellowship *	5
3.	Interview	20
	Total	30
*Only given weightage for the fellowship holders.		
ANIMAL BIOLOGY		
1.	Research Proposal and its defence	Nil
2.	Having fellowship/M.Phil/NET/SET	Nil
3.	Interview	30
	Total	30
BIOTECHNOLOGY		
1	Research proposal and its defense	5
2	Having fellowship/MPhil/NET/SET	0
3	Interview	25
4	Total	30
SYSTEMS & COMPUTATIONAL BIOLOGY		
1.	Research Proposal and its defence	0
2.	Having fellowship/M.Phil/NET/SET	10
3.	Interview	20
	Total	30
ENGLISH		
1.	Research Proposal and its defence	5
2.	Having fellowship/M.Phil/NET/SET	5
3.	Interview	20
	Total	30
PHILOSOPHY		
1.	Research Proposal and its defence	10
2.	Having fellowship /M.Phil/ NET/ SET	05
3.	Interview	15
	Total	30
HINDI		
1.	Research Proposal	5
2.	Having fellowship/M.Phil/NET/SET	5
3.	Interview	20
	Total	30
TELUGU		
1.	Research proposal and its defence	05
2.	Having UGC fellowship/M.Phil	05
3.	Interview	20
	Total	30
URDU		
1.	Interview	30
	Total	30

APPLIED LINGUISTICS and TRANSLATION STUDIES		
1.	Research proposal and its defence	5
2.	Having fellowship / M.Phil. / JRF / NET / SET / MANF	5
3.	Interview (communication skills, subject knowledge, argumentation skills)	20
	Total	30
COMPARATIVE LITERATURE		
	Defence of the Proposal (At the time of interview)	30 marks
1.	Research Questions	6
2.	Methodology	6
3.	Familiarity with Primary Texts	6
4.	Awareness of Existing Scholarship in the area	6
5.	Significance	6
	Total	30
SANSKRIT STUDIES		
1.	Research Proposal and its defence	5
2.	Having fellowship/M.Phil/NET/SET	5
3.	Interview	20
	Total	30
HISTORY		
1.	Research Proposal and its defence	10
2.	MPhil awarded/submitted/JRF UGC/ICHR/ICSSR	5
3.	Interview	15
	Total	30
POLITICAL SICENCE		
1.	Having Fellowship/NET/SET/JRF	2
2.	Interview	28
	Total	30
SOCIOLOGY		
1	Having Fellowship - JRF	5
2	Research proposal and interview	25
	Total	30
ANTHROPOLOGY		
1.	Research Proposal and its defence	05
2.	UGC/NET-JRF	06 (3+3)
3.	NET only and other fellowships	03
4.	Publications (ugc care listed journals)	04
5.	Interview	12
	Total	30
EDUCATION		
1.	Research Proposal & Presentation	10
2.	UGC-JRF/NET	5/3
3.	Interview	15

	Total	30
REGIONAL STUDIES		
1.	UGC-JRF/ ICSSR-JRF	05
2.	Interview (Research Proposal + Domain Knowledge)	25
	Total	30
SOCIAL EXCLUSION AND INCLUSIVE POLICY		
1.	UGC-JRF/RGNF/ICHR/ICSSR/Maulana Azad Scholarship	10
2.	M.Phil. awarded/Only NET	5
3.	Interview	15
	Total	30
STUDY OF INDIAN DIASPORA		
1.	Research Proposal	10
2.	MPhil awarded/submitted/ JRF(UGC/ICHR/ICSSR)	05
3.	Interview	15
	Total	30
GENDER STUDIES		
1.	Research Proposal	10
2.	Fellowship (UGC-JRF, RGNF, MANF (OR) EQUIVALENT)	05
3.	Interview	15
	Total	30
ECONOMICS		
1.	JRF	5
2.	Proposal	15
3.	Subject Knowledge	10
	Total	30
ART HISTORY AND VISUAL STUDIES		
1.	Research Proposal and its defence	10
2.	Having fellowship/M.Phil/NET/SET	0
3.	Interview	20
	Total	
DANCE		
1.	Research Proposal	5
2.	Having fellowship/M.Phil/NET/SET	5
3.	Interview	20
	Total	30
COMMUNICATION		
1.	Research Proposal and its defence	10
2.	Having fellowship/M.Phil/NET/SET	5
3.	Research Aptitute	5
4.	Domain knowledge	10
	Total	30
MANAGEMENT STUDIES		

1.	Past academic record including JRF/NET	10
2.	Research Proposal (Research proposal has to be submitted at the time of interview) (5 marks for written proposal and 5 marks for Question and Answers on proposal)	10
3.	Interview	10
	Total	30
HEALTH SCIENCES: PUBLIC HEALTH, OPTOMETRY, NURSING and BIOMEDICAL SCIENCES		
1.	Research Proposal and its defence	Not Applicable
2.	Having fellowship/M.Phil/NET/SET	Not Applicable
3.	Interview	30
	Total	30
HEALTH PSYCHOLOGY		
1.	Research Proposal	05
2.	Writing Skills*	05
3.	Interview	20
	Total	30
	*Writing assignment would be given to candidates called for interview	
COGNITIVE SCIENCE		
1.	Research Proposal and its defence:	8
2.	Having fellowship/M.Phil/NET/SET	2
3.	Interview	20
	Total	30
SCHOOL OF ENGINEERING SCIENCES AND TECHNOLOGY (SEST)		
1.	Research Proposal and its defence	10
2.	Having fellowship/M.Phil/NET/SET	5
3.	Interview	15
	Total	30

sFACULTY WISE BROAD AREAS OF RESEARCH AND VACANCIES FOR 2023-24

S.No.	Faculty Name	Designation	Area of Specialisation	No. of Ph.D. Vacancies
SCHOOL OF MATHEMATICS AND STATISTICS:				
1.	Dr. T.K.S. Moothathu	Associate Professor	Operator Theory,	1
2.	Dr. Sachin B. Bhalekar	Associate Professor	Dynamical Systems, Fractional Order Difference Equations	1
3.	Dr. Sachin Bhanudas Ballal	Associate Professor	Ordered Algebra, Lattice Theory Discrete Mathematics, Ordered Algebraic Structures with analytical approach and related graphs	2
4.	Dr. Vemuri Nageswara Rao	Assistant Professor	Fuzzy Rough Sets, An Algebric Study of Fuzzy Rough Sets	1
	Total			5
SCHOOL OF COMPUTER AND INFORMATION SCIENCES				
1.	Dr. Atul Negi	Professor	Image Processing, Pattern Recognition, Deep Learning	1
2.	Dr. Siba Kumar Udgata	Professor	Wireless Communication and Sensor Network	1
3.	Dr. Alok Singh	Professor	Swarm intelligence, evolutionary computing and Heuristic techniques	1
4.	Dr. S Durga Bhavani	Professor	Social Network Analysis	1
5.	Dr. Salman Abdul Moiz	Professor	Software Quality, E-learning Technologies, Data Visualization	1
6.	Dr. K Swarupa Rani	Professor	Data Science and Big Data Analytics	1
7.	Dr. Digambar Pawar	Associate Professor	Digital forensics (i.e., image/video/cloud related), Information Security	1
8.	Dr. Nagender Kumar S	Associate Professor	Internet of Things, AI-IoT with Metaverse	1
9.	Dr. Y V Subba Rao	Associate Professor	Cryptography, Blockchain Technologies	1

10.	Dr. N Rukma Rekha	Associate Professor	Cryptography and Information Security, Blockchain Technologies	1
11.	Dr. Satish Narayana Srirama	Associate Professor	Cloud Computing, distributed computing and data analytics, Internet of Things, fog computing	1
12.	M Nagamani	Assistant Professor	Computer Vision, Speech processing and Musicology, Cognitive Science and health care predictions, Data Engineering application with Deep learning methods and AI techniques, Fraudulent detection prevention for Good Governance(Software Engineering and multi disciplinary applications)	1
13.	Dr. Anjeneya Swami Kare	Assistant Professor	Graph Algorithms, Social Network Analysis	1
14.	Dr. Md. Abdul Saifulla	Assistant Professor	Software Defined Networking, Named Data Networking, Network Traffic Analysis, Network Management, Quantum Communications	1
15.	Dr. Avatharam Ganivada	Assistant Professor	Machine Learning, Applications in Bioinformatics and Computer vision	1
	Total			15
SCHOOL OF PHYSICS				
1.	Dr. K. C. James Raju	Professor	Condensed Matter Physics, Ferroelectric and Magnetoelectric Thin Films, Microwave Electronics. Laser – Matter Interactions for material processing. (also, in CASEST) (Dean, SoP)	1
2.	Dr. Nirmal Kumar V.	Professor	Singular Optics, Optical Angular Momentum, Spin-Orbit Interaction of	2

			Light and Near- Field Optics (E)	
3.	Dr. Rukmani Mohanta	Professor	-High Energy Physics, Heavy Flavour Physics, Neutrino Physics (T)	1
4.	Dr. S. Srinath	Professor	Condensed Matter Physics, Magnetic nanostructures. Multilayers/thin films, Magnetic oxides, Multiferroics (E)	1
5.	Dr. Sharat Ananthamurty	Professor	- Soft Condensed Matter, Biophysics, Optics, Laser Spectroscopy (E)	1
6.	Dr. V.Subrahmanyam.	Professor	Theoretical Condensed Matter Physics, Strongly-correlated Systems, Quantum Entanglement and Information (T)	1
7.	Dr. Ashoka V. S.	Associate Professor	Quantum Optics. Laser Cooling (E)	2
8.	Dr. G.S.Vaitheeswaran	Professor	Solid state theory, Material science, Magnetism, Superconductivity, High Pressure Studies, elastic and mechanical properties investigated using first principles density functional calculations (DFT). (T).	1
9.	Dr. P.Manimaran	Professor	Computational Physics, Complex Systems, Network Science, Computational Biology (T).	1
10.	Dr. Prem kiran	Professor	Laser - matter interaction, Spatio-temporal evolution of laser induced plasmas and shock waves; Propagation of Ultra short, intense femtosecond pulses in transparent media; Nonlinear Optics; Laser Shock Peening (Experiment and Simulations).	1

11.	Dr. G. Venkataiah	Assistant Professor	Condensed Matter Physics, Magnetic Materials & Multiferroics, Electric field control of Magnetism (E)	2
12.	Dr. Barilang Mawlong	Assistant Professor	Theoretical High Energy Physics (T)	1
13.	Dr. N. Sri Ram Gopal	Assistant Professor	Ultrafast Spectroscopy, Nonlinear Optics, Laser Surface Patterning (E)	1
14.	Dr. Pratap Kollu	Assistant Professor	Nanomagnetic sensors and materials, 2D Materials, Lab on-chip biosensors.	1
15.	Dr. Bhawna Gomber	Assistant Professor	Experimental High energy physics, Trigger Electronics, Algorithm development and Signal processing.	1
16.	Dr. Yella Ramachandrarao	Assistant Professor	Quantum Optics, Cavity Quantum Electrodynamics, Nano-photonics, and Diamond Nano-photonics (E)	1
17.	Dr. Surajit Dhara	Professor	Soft condensed matter Physics	1
	Total			20
CENTRE FOR ADVANCED STUDIES IN ELECTRONICS SCIENCE AND TECHNOLOGY (CASEST)				
1.	Dr. Bhawna Gomber	Assistant Professor	Firmware development for cms experiment and ML	1
2.	Dr. K C James Raju	Sr. Professor	Miniaturized microwave antennas using magnetoelectric nanolaminates	1
3.	Dr. Samrat L. Sabat	Professor	VLSI Signal Processing	1
4.	Dr. Anjali Priya	Assistant Professor	Device Modelingand Simulation and Analog VLSI Design	1
5.	Dr. S V S Nageswara Rao	Professor	Design and fabrication of memory and sensing devices	2
6.	Dr.-Ing Pratap Kollu	Assistant Professor	Sensor development	1
	Total			7
CENTRE FOR EARTH, OCEAN AND ATMOSPHERIC SCIENCES (CEOAS)				
1.	Dr. V. Chakravarthi	Professor	Geophysics - Data Fusion, joint Inversion	2

2.	Dr. P. Sreenivas	Professor	Air – Sea interactions, Ocean and Atmospheric Modelling, Tropical Cyclones	2
3.	Dr. S. Sri Lakshmi	Asst. Professor	Geophysics – Seismics and Rock Physics Modeling, Machine Learning and AI applications in Geophysics	2
4.	Dr. Aliba Ao	Asst. Professor	Geology - Metamorphic Petrology and Geochemistry	1
5.	Dr. G. Kishore Kumar	Asst. Professor	Atmospheric Dynamics, impact of meteorology on renewable energy	2
	Total			9
SCHOOL OF CHEMISTRY				
1.	Dr. S. Mahapatra	Senior Professor	Theoretical and computational chemistry	1
2.	Dr. D. B. Ramachary	Professor	Organic Synthesis; Asymmetric Catalysis	1
3.	Dr. Tushar Jana	Professor	Polymer Chemistry	1
4.	Dr. R. Nagarajan	Professor	Organic Synthesis & Heterocyclic Chemistry	2
5.	Dr. P. K. Panda	Professor	Porphyrin Chemistry (Bioinorganic, Bioorganic & Supramolecular Chemistry)	1
6.	Dr. R. Chandrasekar	Professor	Materials Chemistry	1
7.	Dr. R. Balamurugan	Professor	Organic Synthesis	2
8.	Dr. K. Muralidharan	Professor	Nano materials, Polymers, Catalysis, High-energy Materials	2
9.	Dr. V. Baskar	Professor	Inorganic chemistry, Magnetic properties, Band gaps and small molecule activation	3
10.	Dr. M. Sathiyendiran	Professor	Organometallic Chemistry- related to making Organometallic supramolecules and Metal-organic drug molecules	2
11.	Dr. P. Ramu Sridhar	Professor	Organic Chemistry, Natural product total	2

			synthesis, Carbohydrate Chemistry	
12.	Dr. Debashis Barik	Assoc. Professor	Theoretical: Statistical mechanics, mathematical and computational biology	2
13.	Dr. K. V. Jovan Jose	Assoc. Professor	Physical chemistry, Theoretical chemistry, Materials chemistry	1
14.	Dr. S. G. Ramkumar	Assoc. Professor	Polymer Chemistry	2
15.	Dr. Manju Sharma	Asst. Professor	Computational Chemistry	1
	Total			24
SCHOOL OF LIFE SCIENCES				
DEPARTMENT OF BIOCHEMISTRY				
1.	Dr. Krishnaveni Mishra	Professor	Inter-organellar communication	1
2.	Prof. Naresh B. V. Sepuri	Professor	Mitochondrial biology in health and disease	1
3.	Dr. M. K. Bhattacharyya	Professor	Exploring therapeutic potential of targeting homologous recombination mechanisms of apicomplexan parasites.	2
4.	Dr. G. Ravi Kumar	Professor	Stem Cell Biology, Developmental Biology, Signal transduction, Epigenetics, Gene Regulation, Apoptosis, Molecular and translational medicine	1
5.	Dr. Akash Gulyani	Associate Professor	Imaging mitochondrial dynamics and its connection with cell state/metabolism	2
6.	Dr. Krishnaveni Mishra	Professor	Inter-organellar communication	1
7.	Dr. Naresh B. V. Sepuri	Professor	Mitochondrial biology in health and disease	1
8.	Dr. M. K. Bhattacharyya	Professor	Exploring therapeutic potential of targeting homologous recombination mechanisms of apicomplexan parasites.	2
9.	Dr. G. Ravi Kumar	Professor	Stem Cell Biology, Developmental Biology,	1

			Signal transduction, Epigenetics, Gene Regulation, Apoptosis, Molecular and translational medicine	
	Total			13
DEPARTMENT OF PLANT SCIENCES				
1.	Dr. Ch. Venkataraman	Professor	Bacterial diversity	1
2.	Dr. Yelam Sreenivasulu	Professor	Plant Reproductive Biology	2
3.	Dr. Santosh R. Kanade	Professor	Environmental Epigenetics	2
4.	Dr. K. Gopinath	Associate Professor	Plant Virology	1
5.	Dr. S. Siddharthan	Associate Professor	Molecular Phylogenetics and Evolution	2
6.	Dr. Rahul Kumar	Assistant Professor	Plant Biotechnology and Plant molecular Biology	1
	Total			9
DEPARTMENT OF ANIMAL BIOLOGY				
1.	Dr. B. Senthilkumaran	Senior Professor	Reproductive biology and endocrinology	1
2.	Prof. Anita jagota	Professor	Circadian regulation of neurodegeneration, Neuroinflammation, Development and Aging	1
3.	Dr. Sreenivasulu Kurukuti	Professor	Epigenetic mechanism of gene regulation during animal development	1
4.	Dr. Suresh Yenugu	Professor	Reproductive Biology	1
5.	Dr. Radheshyam Maurya	Associate Professor	Leishmaniasis, Immunology and drug discovery	1
	Total			6
DEPARTMENT OF SYSTEMS AND COMPUTATIONAL BIOLOGY				
1.	Dr. Vivek Thakur	Assistant Professor	Gene discovery for developmental /nutritional traits in plants, Metagenomics	1
2.	Dr. Pramod Rajaram S	Assistant Professor	Mathematical modelling and simulations for systems medicine and bioengineering	1
	Total			2
SCHOOL OF HUMANITIES				

ENGLISH				
1.	D. Murali Manohar	Professor	Indian English Literature, Indian English Women's Literature and Dalit Literature	1
2.	B. Krishnaiah	Associate Professor	Indian English Literature, Indian English Women's, Dalit Literature and Post Colonial Literature	4
3.	Sireesha Telugu	Assistant Professor	Indian Diasporic Literature, Indian Writings in English	1
4.	Girish D Pawar	Assistant Professor	Popular Culture and Film Studies	1
	Total			7
DEPARTMENT OF PHILOSOPHY				
1.	Dr. C.A. Tomy	Professor	Western Philosophy of mind /Metaphysics	2
2.	Dr. Laxminarayan Lenka	Professor	Philosophy of Language/ Western Epistemology - 1	1
3.	Dr. Abhijeet Joshi	Asst. Professor	Vedanta /Contemporary Indian Philosophy	2
4.	Dr. B. Ananda Sagar	Assoc. Professor	Western Epistemology	1
5.	Dr. Kavita Chauhan	Asst. Professor	Aesthetics	1
	Total			7
DEPARTMENT OF HINDI				
1.	Dr. Alok Pandey	Professor	Kabir, Nirala, Ageyay,, Media, Cinema, Cultural Studies, Interdisciplinary and comparative studies.	1
2.	Dr. Cherla Annapurna	Professor	Language studies, Translation studies, Comparative and modern Literature.	3
3.	Dr. Vishnu Ramba Sarwade	Professor	Adunik sahity Hindi sahity ke vivid vimarsh (Dalit, adivasi, stri, alpsankyank etc., Tulanatmak adyayan.	1
4.	Dr. M. Anjaneyulu	Professor	Modern Hindi Literature, Comparative Studies,	6

			Bhakti Literature. Indian Literature.	
5.	Dr. Bhim Singh	Associate Professor	Modern Hindi Literature, Contemporary Hindi literature and Discourses, Historiography of Hindi Literature, Folk Literature of Rajasthan, Lexicography and Semantics.	1
	Total			12
TELUGU				
1.	Dr.Darla Venkateswsara Rao	Professor	Comparative Aesthetics, Literary Criticism, Applied Criticism, Classical Literature, Modern Poetry, Dalit Literature, Sociological approach to Literature, Telugu Diaspora Literature.	1
2	Dr. Pillalamarri Ramulu	Professor	Classical and Modern Literatures, Literary Criticism, and Comparative Aesthetics.	2
3	Dr. M. Gona Naik	Professor	Trible Folklore, Folk Literature and Classical Literature.	1
4	Dr. Pammi Pavan Kumar	Professor	Classical and Modern Literature, Traditional and Modern Telugu Grammar, Applied Linguistics, Natural Language Processing, and Mass media.	1
5	Dr. D. Vijayalakshmi	Professor	Applied Linguistics, Studies on Telugu Language, Dialectology, Translation, Folk Literature, Lexicography, and Comparative Dravidian.	1
6	Dr. Bhukya Thirupathi	Associate Professor	Modern Literature, Literary Criticism, Folk Literature, Dalit and Tribal Literature, Comparative Literature, Feminist Literature,	4

			Structure of Telugu language, and Evolution of Telugu Language.	
7	Dr. D. Vijayakumari	Assistant Professor	Folk Literature and Desi Literature. Cultural History of Andhras, Dalit Literature and Feminist Literature.	2
	Total			12
DEPARTMENT OF URDU				
1.	Dr. Md. Zahidul Haque	Associate Professor		1
2.	Dr. Rafia Begum	Assistant Professor		4
	Total			5
CALTS				
Ph.D. Applied Linguistics				
1.	Dr. K. Rajyarama	Professor	Machine Translation, Mother Tongue Studies, Language Teaching, Language Maintenance & Shift	1
2.	Dr. S. Arulmozi	Professor	Sociolinguistics, Language Endagerment Studies	1
3.	Dr. S.B. Rathna Kumar	Associate Professor	Speech Language Pathology, Cognitive Hearing Sciences (Speech Perception), Phonetics, Psycholinguistics, and Neurolinguistics	1
	Total			3
Ph.D. Translation Studies				
1.	Dr. Sriparna Das	Assistant Professor	Gender and Translation / Multilingualism and Translation	1
	Total			1
CENTRE FOR COMPARATIVE LITERATURE				
1.	Dr.M .T. Ansari	Professor	Cultural Studies, Minority Studies, Kerala Studies and World Literatures.	2
2.	Dr. J.Bheemaiah	Professor	Dalit and Tribal Studies, Indian Literatures, Literature of the Margins, Culture Studies.	2

	Total			4
DEPARTMENT OF SANSKRIT STUDIES				
1.	Prof. J.S.R. Prasad	Professor	Indian Psychology Ayurveda	2
	Total			2
SCHOOL OF SOCIAL SCIENCES **DEPARTMENT OF HISTORY**				
1.	Dr. Anindita Mukhopadhyay	Professor & Head	Modern Indian History	2
2.	Dr. Bhangya Bhukya	Professor	Modern Indian History	1
3.	Dr. Suchandra Ghosh	Professor	Ancient Indian History	1
4.	Dr. Sujith Kumar Parayil	Professor	Modern Indian History	1
5.	Dr. Swarupa R Shankar	Associate Professor	Modern Indian History	1
6.	Dr. B. Eswara Rao	Associate Professor	Modern Indian History	1
7.	Dr. M. N. Rajesh	Assistant Professor	Medieval Indian History	1
8.	Dr. Vijaya Ramadas M	Assistant Professor	Modern Indian History	1
	Total			9
DEPARTMENT OF POLITICAL SCIENCE				
1	Dr. Jyotirmaya Sharma	Professor	Political theory	2
2.	Dr. Vasanthi Srinivasan	Professor	Political theory	1
3.	Dr. Ramdas Rupavath	Professor	Indian political processes	4
4.	Dr. E. Venkatesu	Professor	Public policy	5
	Total			12
DEPARTMENT OF SOCIOLOGY				
1.	Dr. Aparna Rayaprol	Professor	Sociology of Gender; Indian Diaspora; Urban Sociology; Qualitative Research Methods	2
2.	Dr. N. Purendra Prasad	Professor	Agrarian Studies; Sociological Theory; Political Economy of Development; Health; Urban Studies	1
3.	Dr. Pushpesh Kumar	Professor	Sociology of Gender and Sexuality; Globalisation and Social Change	1
4.	Dr. Tanweer Fazal	Professor	Sociology of Nationalism; Minority Studies; Historical	2

			Sociology; Peace and Conflict Studies	
5.	Dr. L. Lam khan Piang	Professor	Ethnicity, Identity, Nation and Nationalism; Tribal Studies; Border Studies; Health System Research; Quantitative Techniques	2
6.	Dr. Satyapriya Rout	Professor	Sociology of Environment; Natural Resource Management; Development and Decentralized Governance	2
7.	Dr. V. Janardhan	Associate Professor	Sociology of Industrial Relations; Corporate Business and Society; Sociology of Culture; Sociological Theory; Marxism and Capitalism; Ethics and Society	2
8.	Dr. Anurekha Chari Wagh	Associate Professor	Sociology of Gender; Development Studies; Agrarian Studies; Citizenship Rights; Teaching and Pedagogy	1
9.	Dr. C. Nagalakshmi	Assistant Professor	Sociology of Organisations; Sociology of Science and Technology	2
10.	Dr. R. Thirunavukkarasu	Assistant Professor	Political and Historical Sociology; Social Movements; Ethnicity, Nation and Nationalism	1
	Total			16
DEPARTMENT OF ANTHROPOLOGY				
1.	Dr. M. Romesh Singh	Professor	Social Anthropology	2
2.	Dr. T. Apparao	Assistant Professor	Social Anthropology	1
	Total			3
DEPARTMENT OF EDUCATION AND EDUCATION TECHNOLOGY				
1.	Dr. J.V.Madhusudan	Professor	Demography of Schooling, Health Education and Early Childhood Care and Education, Educational Technology/ICT Education.	2

2.	Dr. T. Sumalini	Assistant Professor	Curriculum Studies, Experiential Learning, Work Education and Child Rights in Education.	3
3.	Dr. Ravula Krishnaiah	Assistant Professor	Philosophy of Education, Sociology of Education, Constructivism, Politics and Education, Yoga Education.	1
4.	Dr. Geetha Gopinath	Assistant Professor	Environmental Education, Social Science Education and Educational Psychology.	1
	Total			7
CENTRE FOR REGIONAL STUDIES				
1.	Dr. V. Srinivasa Rao	Professor	Tribal Studies Regional Education	2
2.	Dr. Arvind S. Susarla	Associate Professor	Geography of Hazards and Disasters Environmental Studies Communicating Risks	1
	Total			3
CENTRE FOR FOLKCULTURE STUDIES				
			Nil	
CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY(CSSEIP)				
1.	Dr. Ajailiu Niumai	Head & Professor	Gender, Non-Governmental Organizations (NGOs) and Development, North-East India Studies, Indian Diaspora, and Migration	2
2.	Dr. Sreepati Ramudu	Professor	Dalit Studies, Caste, Public Policy, Child Labour and Social Movements.	4
3.	Dr. J. Rani Ratna Prabha	Associate Professor	Child Labour & Education, Health, Poverty, Gender and Economics of Exclusion	2
	Total			8
CENTRE FOR WOMEN'S STUDIES				
1.	Dr. K. Suneetha Rani	Professor	Gender and Culture, Comparative Studies, Translation Studies, New Literatures in English, Feminist Pedagogy	2
	Total			2

SCHOOL OF ECONOMICS				
1.	Dr. R.V. Ramana Murthy	Professor	Development Economics, Political Economics of Development, Indian Economy	2
2.	Dr. R. Vijay	Professor	Political Economy, New Institutional Economics, Development Economics	1
3.	Dr. Debashis Acharya	Professor	Macro-Monetary Economics, Financial Economics	2
4.	Dr. B. Nagarjuna	Professor	Industrial Economics, Transitional Economics, International Finance and Indian Economy.	1
5.	Dr. Phanindra Goyari	Professor	Econometrics, Mathematical Economics, Model Building and Simulation in Economics, Agriculture Economics, Economic Growth and Development	3
6.	Dr. S. Raja Sethu Durai	Professor	Macro Economics, Monetary Economics and Financial Economics	1
7.	Dr. G. Sridevi	Professor	Food Security, Health Care, Economics of Discrimination.	2
8.	Dr. Alok Kumar Mishra	Associate Professor	Urban Economics, Transport Economics, Macro Economic Dynamics, Financial Economics	1
9.	Dr. Jajati Keshri Parida	Associate Professor	Employment, Migration, Poverty and Human Development	3
10.	Dr. Limakumbha Walling	Assistant Professor	Macroeconomics, Political Economy and Post Keynesian Economics	2
11.	Dr. Prajna Paramita Mishra	Assistant Professor	Environmental Economics, National Resource Economics	2
12.	Dr. K Ramchandra Rao	Assistant Professor	Urban Economics, Health Economics	1
	Total			21

DEPARTMENT OF DANCE				
1.	Dr. M S Sivaraju	Professor	Comparative Dance Studies, Musical Aspects of Dance, Movement for Dance and Choreography.	2
	Total			2
DEPARTMENT OF FINE ARTS				
1.	Dr. Baishali Ghosh	Associate Professor	material culture, migration and the South Asian imageries and architecture.	1
	Total			1
DEPARTMENT OF COMMUNICATION				
1.	Dr. Vinod Pavarala	Senior Professor	Community media, Communication & Social Change	2
2.	Dr. P Thirumal	Professor	Cultural studies, Media historiography, Print cultures	2
	Total			4
SCHOOL OF MANAGEMENT STUDIES				
1.	Dr. Mary Jessica	Dean and Professor	Financial Well-being, Financial Literacy and Corporate Finance	1
2.	Dr. B. RAJA SHEKHAR	Senior Professor	Service Quality, Service Operations, Service Failure and Recovery	2
3.	Dr. G. V. R. K Acharyulu	Professor	Supply Chain, Service Operations, Healthcare, Sustainability Management.	2
4.	Dr.Vijaya Bhaskar Marisetty	Professor	Finance	2
5.	Dr. Chetan Srivastava	Professor	Marketing	2
6.	Dr. Irala Lokanandha Reddy	Associate Professor	Financial Literacy and Financial Analytics	2
7.	Dr. R Prasantha Kumar	Associate Professor	Corporate Finance, Financial Markets, Fintech	1
8.	Dr. Varsha Mamidi	Assistant Professor	Business Analytics, Fintech, Blockchain	2
9.	Ranjith Kumar Dehury	Assistant Professor	Healthcare / HR and OB in the healthcare domain	1
	Total			15
SCHOOL OF MEDICAL SCIENCES				

1.	Dr. Surya Durga Prasad M	Assistant Professor	Basic and applied Epidemiology, Communicable and Non-communicable diseases. (Public Health)	1
2.	Dr. Konda Venkata Nagaraju	Assistant Professor	Tear Film, Ocular Surface and Contact Lens (Optometry)	1
	Total			2
CENTRE FOR HEALTH PSYCHOLOGY				
1.	Dr. Meera Padhy	Assistant Professor	Organizational, Behavioral diabetology.	1
2.	Dr. Suvashisa Rana	Assistant Professor	Positive Psychology 2.Positive Organisational Behaviour 3. Psychometrics	1*
3.	Dr. C.Vanlalhruaii	Assistant Professor	Psycho-oncology, Caregivers' health	1
	Total			3
	**Subject to confirmation of vacancy on withdrawal of student.*			
CENTRE FOR NEURAL AND COGNITIVE SCIENCE				
1.	Dr. Sudipta Saraswati	Associate Professor	Neurogenetics, Behavioural Neuroscience using *Drosophilla* as a model organism	2
2.	Dr. Akash Gautam	Assistant Professor	Neurobiology of learning and memory, Brain ageing and neurodegenerative disorders	2
3.	Dr. Joby Joseph	Associate Professor	Electrophysiology, imaging and computation to understand neural underpinnings of behaviour.	1
4.	Dr. Sudipta Saraswati	Associate Professor	Neurogenetics, Behavioural Neuroscience using *Drosophilla* as a model organism	2
	Total			7
SCHOOL OF ENGINEERING SCIENCES AND TECHNOLOGY (SEST)				
PhD (Materials Engineering)				

1.	Dr. Dibakar Das	Professor	Magnetic ceramics for microwave applications	1
2.	Dr. K Guruvidyathri	Assistant Professor	Computational Materials Engineering for new alloy development	1
3.	Dr. Swati Ghosh Acharyya	Associate Professor	Structural integrity of ship steel	1
4.	Dr. J P Gautam	Professor	Additive manufacturing of Fe-Si alloys for Electrical applications Alternative routes of Iron ore fines beneficiation Structure-property correlation in advanced high-strength steels	3
5.	Dr. R K Dash	Associate Professor	Development of Energy Materials for Energy Harvesting Applications	1
	Total			7
PhD (Nanoscience and Technology)				
1.	Dr. K Guruvidyathri	Assistant Professor	Thermodynamic modelling of nano-grained bulk alloys	1
	Total			1

UNIVERSITY OF HYDERABAD

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