

The **M.A.** programme in Sociology is a four semester programme spread over two years, and consists of 10 compulsory courses and 6 optional courses. Both the compulsory and optional courses are of 4 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. include: Classical Sociological Theory; Research Methods I: Survey Research and Basic Statistics; Sociology of India; Population and Society; Modern Sociological Theory; Research Methods II: Qualitative Research Methods; Social Stratification; Urban Sociology; Sociology of Development; and Political Sociology.

The Optional courses for M.A. include: NGOs and Development; Environment and Sustainable Development; Indian Diaspora; Sociology of Gender; Sociology of Health, Sickness and Healing; Rural Society and Agrarian Change; Sociology of Backward Classes; Religion, Law and State; People, Nation and State; Law, State and Society; Industrial Relations and Contemporary Capitalism; Science, Culture and Society; Technology, Culture and Society; Sociology of Communication; Sociology of Organisations; Sociology of Culture; Modernity and Modernisation; Decentralised Governance and Development; Sociology of Muslim Communities; Social Theories, Modernities and Politics of Geography. The offer of these courses is subject to the teachers' concerned.

The contents of most of these courses are available on the University website.

The **M.Phil.** programme is a preliminary research degree course of two semester duration. The course work during first semester consists of two compulsory courses in Advanced Sociological Theories and Research Methodology, and one optional course generally in the broad area of research in which the dissertation is planned. The M.Phil. dissertation is expected to be completed by the end of the second semester.

The **Ph.D.** programme is a full time research programme over a minimum period of two years. 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.

Entrance Examination

The written test for admission into the **M.A.** degree course in Sociology is divided into two Sections: A and B. Section A: (maximum marks 25) comprises objective type of questions to test the comprehension of a given passage, simple arithmetic and reasoning abilities. Section B: (maximum marks 75) consists of précis writing, a short note (about 150 words) and an essay (about 500 words) on a contemporary social issue or theme.

The **M.Phil.** entrance written test and interview will be based on M.A. level sociological theory and methods, both in the wider context of the discipline and in the specific context of India.

The written test for **Ph.D.** will examine candidate's knowledge of sociological theory and methods. Ph.D. candidates will be interviewed on the general area of specialization proposed by the student and their M.Phil. work. Ph.D. candidates may be required to undertake course work, if recommended by the Department. *The candidate seeking admission to the Ph.D. programme must submit, with their applications, an outline of their research proposal bringing out specific theoretical and methodological approaches to be employed.*

Faculty

Professors

E.Haribabu, Ph.D.(I.I.T., Bombay) – Sociology of Science and Technology

K. Laxmi Narayan, Ph.D. (Mysore) – Urban Sociology, Social Demography, Backward Classes.

Sasheej Hegde, Ph.D. (Bangalore) – Philosophy of Social Science, Social and Political Theory, Law and Ethics, Indian Sociology/Historiography

Vinod K. Jairath, D.Phil. (Univ. of Sussex, U.K.) – Sociology of Development, Sociology of Muslim Communities (**Head of the Department**)

Sujata Patel, Ph.D. (J.N.U.) – Social Theory, Urban Sociology, Political Sociology

Readers

Aparna Rayaprol, Ph.D. (Pittsburgh) – Sociology of Gender, Indian Diaspora, Urban Sociology, and Qualitative Research Methods.

N. Purendra Prasad, Ph.D. (Hyderabad) – Agrarian Studies, Sociology of Health, and Sociology of Development.

C. Raghava Reddy, Ph.D. (Hyderabad) – Science and Technology Studies, Sociology of Organisations, Sociology of Disability.

Nagaraju Gundimeda, Ph.D. (Hyderabad) – Sociology of Education, Information Technology and Society.

Pushpesh Kumar, Ph.D. (Delhi) – Sociology of Gender and Sexuality; Globalisation and Social change.

Assistant Professors

V. Janardhan, Ph.D. (Hyderabad) – Sociology of Industrial Relations; Corporate Business and Society; Sociology of Culture; Sociological Theory.

Satyapriya Rout, Ph.D. (I.S.E.C., Bangalore) – Sociology of Environment, Natural Resource Management and Development, Decentralized Governance.

N. Annavaram - Indian Classical Sociological Thought

Hoineilhing Sithou, M.Phil. (JNU) – Religion, Culture and Tribal Studies.

Department of Anthropology

The Department of Anthropology started functioning from the academic year 1988-89. It imparts training both theoretical and applied research in Anthropology, which equips students to meet the academic challenges in urban/rural/tribal field studies. Apart from studying ethnographic diversity, the department is oriented towards application of anthropological knowledge to the understanding of social problems and development issues. The department has developed a small museum as a teaching aid for students. Practical training is compulsory in Physical and Archaeological anthropology courses.

Programmes of study

The Department offers M.A., M.Phil. and Ph.D. programmes in Anthropology (Social/Cultural).

The **M.A.** course is a two-year programme consisting of a total 16 courses of 4 credits each spread over four semesters with four courses per semester. Of them, 11 are compulsory courses and the remaining 5 are optional courses. The compulsory courses are:

1. Introduction to Social Anthropology
2. Physical Anthropology
3. Archaeological Anthropology
4. Quantitative Research Methods
5. Qualitative Research Methods
6. Theories of Culture
7. Theories of Social Structure
8. Applied Anthropology and Tribal Welfare
9. Indian Society
10. Anthropology of Complex Societies
11. Fieldwork Dissertation and Viva-Voce

The Department offers optional courses in Development Anthropology, Ecological Anthropology, Medical Anthropology, Peasant Society, Economic Anthropology, Anthropology of Communication, Anthropological Linguistics, Natural Resource Management and Livelihood Systems, Kinship and Marriage, Anthropology of Religion, Business Anthropology, etc. The students are permitted to opt for some inter-disciplinary courses from other departments and schools in consultation with the department.

Fieldwork is an important component of the compulsory courses. The students must conduct fieldwork on allotted topic for a period of about one month under the direct supervision of faculty in the field area identified by the department and submit a dissertation for Viva-voce examination. This fieldwork is usually conducted during the winter vacation at the end of the third semester. This course is largely subsidised by the University and the students have to pay Rs.250/- towards nominal fieldwork fees during the concerned semester.

The **M.Phil.** programme is for two semesters. The first semester is devoted for course work consisting of two compulsory courses of 4 credits each, viz., 1) Advanced Anthropological Theories and 2) Advanced Research Methods, and one optional course of 4 credits, generally in the broad area of research on which the dissertation is

planned. The second semester is devoted for preparation and submission of M.Phil. Dissertation.

The **Ph.D.** is a full-fledged research programme on an approved research topic for a minimum period of two years. There is provision for admitting limited number of part-time Ph.D. students also. A duly constituted Research Committee for each student monitors the progress every semester. Based on the Report of the Research/ Doctoral Committee, the registration of the candidate for next semester will be recommended.

Entrance Examination

The written test for admission into **M.A.** degree course consists of two parts viz., Part 'A' and Part 'B'. Part 'A' consists of objective type of questions for 25 marks. There is negative marking of ¼ marks for each wrong answer for Part 'A' questions. Part 'B' consists of essay and précis writing, comprehension and analysis of statistical data.

The written test for **M.Phil.** admission is based on P.G. level Anthropological theory, method and Indian ethnography, and consists of objective type of questions in Part 'A' and short notes and critical essay writing in Part 'B'.

The written test for **Ph.D.** is on the same lines as M.Phil. Candidates for Ph.D. will be interviewed on the general theoretical area of specialization proposed by the concerned student, and his/ her M.Phil., if any. Candidates must submit along with their application, a tentative, but a detailed research proposal on the proposed research topic covering review of literature, objective of study, research methodology and design of the study.

Faculty

Professors

K.K.Misra, Ph.D. (Utkal) – Culture and Environment, Anthropological Thought; Language, Culture and Cognition. Theory in Anthropology (on deputation as Director, IGRMS, Bhopal up to 31-3-2013)

P.Venkata Rao, Ph.D.(Andhra) – Anthropology of Development, Economic Anthropology, Tribal Studies, Complex Societies, and Ageing.

N.Sudhakar Rao, Ph.D.(Rochester) – South Asian Social Systems, Kinship Studies, Indian Society and Ideology, Anthropology of Communication.

R.Siva Prasad, Ph.D. (Mysore) – Social Stratification, Social Mobility and Social Change; Urban Anthropology; Ecology and Environment, Peasant studies, Anthropology of Development, Anthropological Theory. (**Head of the Department**)

Readers

B.V.Sharma, Ph.D. (Hyderabad) – Medical Anthropology; Development and Action Anthropology.

George Tharakan C, Ph.D. (Hyderabad) – Kinship and Marriage, Theories of Culture, Indian Society.

M. Romesh Singh, Ph.D. (Hyderabad) – Business Anthropology and Tribal Development Studies.

Assistant Professor

Shaik Abdul Munaf, M.Sc. (SVU) – Archaeological Anthropology, Ethnoarchaeology, Indian Prehistory.

Centre for Regional Studies

The Centre for Regional Studies aims at conducting multi-disciplinary research in the Deccan and other regions of India. The envisaged research programmes encompass ecological and environmental studies; socio-economic history, regional historical processes; regional social structure; regional economics and development studies. In view of the multidisciplinary nature of research, the Centre promotes studies in the fields of geography, cultural anthropology, sociology, economics, political science, archaeology and socio-economic history of different regions in India.

The Centre for Regional Studies offers **M.Phil.** and **Ph.D.** programmes in the broad areas of research outlined above. The entrance test (written) for admission to **M.Phil.** and **Ph.D.** programmes consists of two parts. **Part -A** of the question paper will consist of objective type questions to test the aptitude of the candidates to pursue the research in the Centre. **Part-B** consist of a single paper with questions drawn from the Social Sciences of the post-graduate level. (Please note the change in **Part – B** : there will NOT be separate Question papers in the disciplines of Anthropology, Economics, Geography, History, Political Science and Sociology in the Entrance Exam). In their answers students are expected to demonstrate an understanding of multidisciplinary and/or regional studies.

Faculty

Professor

Sheela Prasad, Ph.D. (JNU) - Urban and Regional Geography, Health, Environmental Studies. (**Head of the Centre**)

Readers

Arvind S. Susarla, Ph.D. (Clark University) – Geography of Hazards and Disasters, Environmental Studies, Communicating Risks

Radhika Seshan, Ph.D. (Pune University) - Medieval Indian History, Urban Studies, Economic History of Medieval India

Centre for Folk Culture Studies

In the wake of globalization, Indian culture in general and folk culture in particular needs special attention to safeguard its own identity and heritage. This vital area of enquiry is now arousing culture consciousness among the zealots of the exotic ranging from corporate groups to that of policy makers and social activists.

The Centre for Folk Culture Studies is the first of its kind in the Central University system in India. It was established with the assistance of the Ford Foundation, USA. The Centre's interdisciplinary and multiperspectival approaches emphasizes research and teaching in Folk Culture Studies in the milieu of contemporary ethnographic fieldwork.

Several reputed scholars from various parts of the world have been collaborating with the Centre in its research activities. The Centre's clientele has been growing incessantly from scholars abroad to Indian academicians.

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 (verbal and non-verbal) and folk lifestyles of various cultural landscapes in order to cognate the native knowledge systems for sustainable development.

Adv. PG Diploma in Folk Culture Studies

The objective of the course is to bring innovation and excellence in teaching by incorporating field based studies through fieldwork which exposes the students to the life experiences of the folk communities and their adaptation strategies to living environments. The course primarily aims at training the students in new ethnographic methods, which would eventually become their strength in dealing with social issues and developmental activities related to cultural sphere. The students trained through this course may become potential human resource for the governmental and non-governmental organizations working in the fields of cultural studies, rural development and sustainable prosperity. The course has a research component and each student would submit a dissertation based on field data in any one aspect of any given folk community. The students will be trained in archival management for preserving, retrieving and disseminating the data in multimedia formats.

Entrance Examination

There will be an entrance examination for Advanced P.G. Diploma in Folk Culture Studies. The admission is based only on the entrance examination. The written test is for 100 marks and is divided into two sections: A and B. Section A (maximum marks 25) comprises objective type of questions to test the ability of the candidate in general knowledge and current events. The Section B (maximum marks 75) consists of short notes and an essay on Indian folk culture and folklore.

Ph.D. Programme

The Centre offers Ph.D. Programme in Folk Culture Studies. The written test will consist of essay and objective type questions to ascertain the general aptitude and capability of the candidate for pursuing research in folk culture studies.

Objectives of the Course

1. To appreciate how people learn and internalize one's own culture, and on occasions challenge their own culture.
2. To understand how communities represent themselves to the others through their cultural idioms.

3. To gain knowledge of how expressive traditions play a role in communicating cultural constructs and community behaviour.
4. To get insights into the worldview of the communities through the process of ethnographic research – interviewing people and analyzing their cultural behaviour.

Faculty

Professor

Y.A.Sudhakar Reddy, Ph.D. (I.I.T., Madras) - Socio cultural and Economic History; Peasant Studies; Oral History; Performance Studies and Folk Culture. (**Head of the Centre**)

Readers

P.S. Kanaka Durga, Ph.D. (Nagarjuna University) - Cultural History; Ethnohistory; Epigraphy; Medieval Bhakti Literature; Folklife Studies; Folklore and Gender Studies

Joly Puthussery, Ph.D. (Hyderabad) – Performance Theory; Folk Theatre in India; Public Performance and Discourse; Religion and Theatrical Practices

Assistant Professor

N. Naveen Kumar, M.S.W. (Bharathiar University), M.A. (Annammalai University) - Community Studies, Field Methodology Ritual Studies, Folklore and Community Development

Centre for the Study of Social Exclusion and Inclusive Policy

The Centre for the study of Social Exclusion and Inclusive Policy is one of the few Centers set up in the country, being fully funded by the UGC with Faculty positions and Non-teaching staff. It was established in May 2007. Based on the recently originated concept the Centers have been established for undertaking comprehensive studies and research into the Social Exclusion as a complex and multidimensional concept having 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 new concept encompasses all forms of discrimination which operate in covert and overt manner on caste, gender, ethnicity, religious and linguistics minorities and other excluded groups such as disabled etc. The Centre, through its research programmes, strives to intervene in

policy processes to mitigate the problems of social exclusion and help building the democratic processes. The centre has the following objectives:-

- a. To understand dynamics of discrimination and exclusion.
- b. To focus on multidisciplinary 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.

Programmes of Study:

The Centre has adopted multi-disciplinary approach. It offers M. Phil and Ph.D. programmes in the broad areas of research outlined in the objectives.

Prospects for Employment:

- a. Academic and research institutions with multidisciplinary orientations.
- b. Non- governmental agencies and consultancies in development sector.
- c. Avenues in policy spaces.
- d. Journalism- Print and Electronic

Entrance Examination

The entrance test (Written) for admission to these programmes consist of two parts

Part A: consists of Objective type questions

Part B: consists of essay type questions to examine the aptitude and analytical abilities of the candidate to pursue research programmes in the centre.

Courses offered by the Centre:

S. No	Course No	Course title	No. of Credits
1	SI-701	Processes of Exclusion and Social groups	4
2	SI - 702	Social Exclusion : Theoretical perspectives	4
3	SI - 703	Research Methodology	4
4	SI - 706	Study Area	4

Faculty:

Professor

G. Omkarnath, Ph.D. (JNU) – Classical economic theory, Indian economy, Teaching of economics (Director of the Centre)

Readers

Sreepati Ramudu, Ph.D. (Jamia Milia Islamia University, New Delhi) - Dalit Studies, Caste, Public Policy, Child Labour and Social Movements.

Ajailiu Niumai, Ph.D. (J.N.U, New Delhi) - Gender, Non-Governmental Organizations (NGOs) and Development, Child and Society.

Assistant Professors

J. Rani Ratna Prabha, Ph.D. (University of Hyderabad) - Economics of Discrimination and Child Labour Exclusion

V. Srinivasa Rao, Ph.D. (University of Hyderabad) - Tribal Studies, Scheduled Tribes and Exclusion, Education and Policy Processes and Community Participation.

Rosina Nasir, Ph.D. (University of Delhi)- Anthropological Demography/Population Studies, Health Issues related to Women and Children

Centre for the Study of Indian Diaspora

About the centre

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 25 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 courses on Indian Diaspora at the M.A. level besides M.Phil and Ph.D. programmes on Indian diaspora. The entrance test (written) for admission to M.Phil and Ph.D. programmes consists of two parts. Part-A of the question paper will consist of objective type questions to examine the aptitude of the candidates to pursue the research programmes in the Centre. Part-B will consist of questions related to the subject of study at the post-graduate level.

Visiting Fellowships

The Centre offers two to three Visiting Fellowships to national and international scholars each year to carry out specific research or to finalize their Reports/Monographs at the Centre for a period ranging between one to six months. As part of the fellowship, the Centre provides travel support within India and hospitality at the University of Hyderabad.

Application for Visiting Fellowships should include a 2-page description of work to be carried out during the fellowship period, a detailed CV, and recent published papers in the relevant area. Application Deadline: Twice a year - June 30 & December 31.

Assistant Professors

Dr. Ajaya Kumar Sahoo, Ph.D. (Hyderabad) - International Migration, Indian Diaspora, Transnationalism, Sociology of Religion, and Social Movements (**Director of the Centre**)

Dr. Amit Kumar Mishra, Ph.D. (New Delhi) - South Asian Diaspora, Nationalism and Transnationalism, Identity, Multiculturalism, Imperialism and the Anti-imperial Movements in Asia and Africa

Centre for Knowledge, Culture and Innovation Studies

The Centre is offering an interdisciplinary **Ph.D.** programme in Science, Technology and Society Studies from the academic year 2009-2010.

The course work for the Ph.D. Programme:

Every Ph.D. Student admitted to this programme must pursue and pass the following courses in the 1st year of their admission (2 Semesters)

I Semester

Science, Culture and Society

Research Methodology

Science, Technology and Innovation

Research Related Course I (First course in the area of one's research)

II Semester

Technology, Culture and Society

Science, Technology and Ethics

Science, Technology in the Modern India

Research Related Course II (Second course in the area of one's research)

Evaluation: 40 per cent for unit tests and 60 per cent for the end-semester examination in each of the courses.

Centre for Human Rights

The Centre for Human Rights was formally established in the year 2007. Prior to that there was a Human Rights Programme within the Department of Political Science for which the UGC has sanctioned funds under Special Assistance Programme (SAP) in Human Rights. Under the Human Rights Programme a Bi-annual journal "Indian Journal of Human Rights" is being brought out since 1977. Post Graduate Diploma in Human Rights is being offered through distance mode. After the establishment of Centre for Human Rights, a number of seminars/ conferences / symposia have been organized on different aspects of Human Rights.

The main objective of Centre for Human Rights is to undertake research and teaching programmes in Human Rights. Centre also conducts seminars and debates on current issues and theoretical perspectives of Human Rights. The Centre offers four optional courses for Post-Graduate students of the University on interdisciplinary basis. These four courses are (1) Critical Concepts of Human Rights (2) Human Rights in India: The

Constitutional and Legal Framework (3) Human Rights in India : The Socio-Economic Context and (4) Dalit Human Rights. These courses are offered subject to the availability of the teachers.

From the year 2010-11, the Centre is offering Ph.D. Programme in Human Rights.

The **Ph.D.** programme consists mainly of a research project (and course work if required) and a thesis on a topic approved by the Centre. The thesis should be of a high standard and considered to be a valuable contribution to the area of study concerned. Candidates for the Ph.D. programme are required to submit a research proposal for the intended Ph.D. thesis along with the application for admission. The research proposal should contain hypothesis, goals or objectives, statement of the problem and methods of executing the proposal. This is an essential requirement.

Entrance Examination

The written examination for Ph.D. will consist of essay type questions. The candidate has to attempt three questions out of a total of six questions. The questions will be covering broad areas of theory and practice of human rights in India and at the global level. The written examination will be for 75 marks. The remaining 25 marks will be for viva voce examination.

Faculty**Professor**

G. Sudarshanam, Ph.D. (Kakatiya University)
(Coordinator of the Centre)

Guest faculty

Prof. G. Haragopal, Ph.D. (Kakatiya University)

Joint Faculty

B. Chandrasekhar Rao, M.A. (Andhra), (Dip. in Strategic Studies) – Dalit Politics, Comparative Government and politics, Indian Government and Politics, Chinese Studies (Department of Political Science)

Dr. K.Y. Ratnam, Ph.D. (JNU) – Indian Politics, Dalit Politics in India, Democratic Process in A.P. (Department of Political Science)

Dr. V. Janardhan, Ph.D. (Hyderabad) – Sociology of Industrial Relations, Corporate Business and Sociology (Department of Sociology)

Dr. K. Laxminarayan, Ph.D. (Hyderabad) – Political Economy and Agricultural Economics (Department of Economics)

Dr. G. Vijay, Ph.D. (Institute of Social Studies The Hague) – Labour Economics, Environmental Economics, Economics of Business Organisations, Law and Economics (Department of Economics)

Dr. V. Srinivasa Rao, Ph.D. (Hyderabad) – Exclusion, Inclusive Policies-STs, Education and Social Participation (Centre for the Study of Social Exclusion and Inclusive Policy)

Centre for Gandhian Economic Thought

The Centre for Gandhian Economic Thought (CGET) has been established by the University in 2008. Gandhi's thought illuminates many fields of human activity – his vision also extends to an understanding of a “superior” mode of economic organization.

The development of modern economic theory took place in the context of great changes in social, political and philosophical thought – in particular in the theories of knowledge about nature and society and concomitantly in methods of productions. One consequence of these changes was the perception that production was wealth. With production and consumption becoming separate activities, market came to occupy the central place in modern economic theory, and further, basic assumptions about the consumer led to economics becoming a science of scarcity.

Economic issues loom large in the totality of the Gandhi's work, in addition to his contribution to politics, philosophy, morality, culture, and civilization as an integrated whole. His abiding concern remained with the economic conditions of the ordinary people. Gandhi's economics comes bundled with morality. The following three inter-related aspects are important for developing a Gandhian critique of economic theory and for an attempt at constructing new economic theories: first, importance of taking a long view regarding economic actions; second, taking responsibility for the consequences of one's actions; and third, non-separation of means and ends or insisting at least as much on the sanctity of means as that of ends.

Gandhi's intuitive understanding was based on a civilizational perspective deeply underlying all his thought. It grasped the processes set in motion by predominant economic theories, and the systems based on them – the processes which are even more clearly visible today, especially in their environmental and ecological consequences. The Gandhian vision and insights provide a framework to develop a critique of existing economic theories and to develop economic theory based on such a framework. Certain problems of economic theory, logically leading to certain absurd conclusions, cannot be pinpointed to any one aspect of economic theory. *Thus, it is not sufficient to understand the problems of economic theory through an enquiry purely within that system of thought. Looking at it from outside, such as from a Gandhian perspective, may help in pinpointing these problems.*

Objectives

The Centre for Gandhian Economic Thought has its research focus primarily, though not solely, on economic theory. It has set the following broad objectives:

1. Develop a framework for economic theorizing based on Gandhi's vision.
2. Examine existing economic theories from a Gandhian vantage point.
3. Carry out research on economic theories based on Gandhi's vision.
4. Critically examine Gandhi's and Gandhian economic thought.
5. Develop courses and academic programmes on Gandhian economic thought.

Courses of Study

The Centre offers Ph.D. programme in: Economic thought of Gandhi and Gandhian thinkers; Indian economic thought; Critical economic theory; Economic methodology; and Economic philosophy. The research in the Ph.D. programme will be expected to focus on a critical examination of economic theory, methodology and philosophy from alternative vantage points, such as a Gandhian perspective. The selected candidates will have to take four courses in the first year of the programme.

Entrance Examination

Admission to the Ph.D. programme will be based on a written test (75 marks) and an interview (25 marks). The written test consists of TWO parts. PART A will have objective type questions (25 marks) and PART B will have short answer questions (50 marks). In both the parts there will be questions to assess competence in economic theory (mostly microeconomics and macroeconomics), mathematics, and basic familiarity with Gandhian thought as well as current economic affairs. Only those who qualify in the written test will be called for the interview. Those who are qualified in the UGC NET for JRF are

exempted from the written test for the Ph.D. programme. Candidates for Ph.D. programme are required to submit a short write up along with applications for admission. The write up should state the kind of research problems in which the candidate is interested.

Faculty

Professors

S.G. Kulkarni Ph.D. (IIT Kanpur) - Philosophy of Science, Epistemology, Gandhian Thought

Naresh Kumar Sharma B.Tech. (Mech. Engg., IIT Kanpur), Ph.D. (Economics, ISI Delhi) – Economic Theory, Gandhian Economic Thought, Development, Science and Technology (**Coordinator of the Centre**)

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 (Ph.D) programmes 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 programmes in the fields of arts and culture.

The School provides courses of study in the Departments of Dance, Theatre Arts, Fine Arts, and Communication. It seeks to enlarge the scope of the academic programme so as to include other areas of artistic endeavor like music. The broad objective of the teaching programme 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. B. Anantha Krishnan, Department of Theatre Arts is the Dean of the School.

The School comprises the following Departments:

1. Department of Dance
2. Department of Theatre Arts
3. Department of Fine Arts
4. Department of Communication

The School has evolved a pattern of studies for Master's Degree programmes in four semesters in the Departments of Dance, Theatre Arts, Fine Arts, and Communication. The courses are so arranged as to make the students aware of not only the evolution of each art, but also the social context and the innovations that these art forms have experienced in their growth.

The Ph.D. programmes mainly consist of a research project with some course work if necessary and the writing of a thesis on a topic approved by the Faculty of the Department. It is expected that the thesis will make valuable contribution to the specialized area of study. Candidates seeking admission into the programme must submit with their applications a tentative but detailed outline of their research proposal. Candidates must appear for an interview before admission into Ph.D.

Department of Dance

The Department of Dance offers a two year postgraduate degree (Master of Performing Arts) and Ph.D. in Dance. The Master of Performing Arts programme is devised to enhance the scholarship of dance in practice and theory, to initiate students into research and teaching, and, to develop an ability to aesthetically appreciate dance as a specialized human endeavor. In the Master of Performing Arts programme, two different specializations, viz., **Kuchipudi** and **Bharatanatyam** are being offered. The students are required, at the time of the admission itself, to specify their specialization.

In the Master of Performing Arts (MPA) programme, the various courses spread over two years are designed to create an understanding of evolution and development of dance both in India and the World over. It also gives a clear understanding of the dance forms of their choice, enabling the students to perform with greater felicity and also undertake new choreographic works. A project work based on field study using various research methodologies is a part of the course. Arts management, Musical Aspects, Stage Craft & Design and Dance & Media are some of the important areas that are dealt with in the course from the present academic year. In the practical courses the major stress is on the techniques of Classical Indian Dance including the Sattwikabhinaya and their analysis and application to suit the changing needs. Specialised papers on the theoretical construct of the technique and form are also offered.

Besides the regular teaching by well-trained core faculty, for all the above courses, additional inputs will be provided in the form of workshops by eminent and reputed guest

faculty. The course, offers opportunities to participate in various seminars, to perform in dance-productions, to create new choreographies and to travel to important performing arts festivals.

The **Ph.D** programme of the Dance Department was started in 1991 The research projects in the Department so far have focused on the areas of Dance History, Movement Analysis, Historicizing Dance in the Context of Nationalist Movement and Post Independent India, the Psycho-somatics of Dance, Diaspora Studies, Pedagogy and Dance Therapy. The Department has produced nearly ten doctorates till date and presently has twelve research scholars working on their Ph. D.

Entrance Examination

Admission is through an entrance examination consisting of a combination of objective (25 marks) and essay-type questions (25 marks) on subjects related to the specific field of study i.e., Dance. There would be a common question paper for both specializations. Those selected in the entrance examination will then be called for a practical test before final selection. For Ph.D. the written test is for 75 marks and Viva voce for 25 marks.

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 selected student.

Faculty

Professor

Anuradha. J, Ph.D. (Dance) (Hyderabad) – Theoretical aspects and Kineshetics of dance, Kuchipudi practicals and choreography. (**Head of the Department**)

Readers

Pasumarti Ramalinga Sastry, Diploma (Kalakshetra, Chennai) – Bharatanatyam dance, theory, practicals and Choreography.

M.S. Siva Raju, Ph.D. (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.

Visiting Faculty

Dr. Sunil Kothari

Prof. C.V. Chandrasekhar

Dr. Pappu Venugopala Rao

Sri. Kala Krishna

Smt. Chitra Vishweswaran

Dr. B.M.Sundaram

Dr. Daves Soneji

Sri. Narasimha Chari

Department of Theatre Arts

The Department of Theatre Arts strongly believes that working at good theatre is physically demanding and intellectually arduous. There is no short cut to achieve it except hard work and serious study. The objective of our Master's programme is to empower students through rigorous training, to practice and appropriate the art of theatre to new contexts thrown up by the rapidly changing contemporary culture and technology. To do this, thorough knowledge of the history and theory of performance is imperative so that a theatre artist understands the field as full of choices and can chart out his or her own path in the society and market.

The Master's programme balances training in the practical aspects of theatre with the historical and theoretical aspects. The aim is to train multi-faceted theatre artists, integrating theory with practice, imagination with technology, and art with the practical issues of management and marketing in diverse contexts of the globalized market.

Apart from experienced permanent Faculty, the Department also organizes workshops with prominent experts in theatre, often in collaboration with the National School of Drama, New Delhi. The department, along with the Sarojini Naidu School will soon move into a new building with the best possible facilities and latest equipment.

The medium of instruction will be English. But there is no language bar for acting or other practical work. Students can work in the language of their choice and multilingual

plays are encouraged. The department offers the following courses:

M.P.A. (Theatre Arts)

The Masters in Performing Arts programme is a rigorous, full time three-year course. This course trains the students in the practical and theoretical work so that they understand and practice 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 application in different contexts. The theory courses teach 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 and also provides understanding of theatre in relation to other forms of artistic expression –like 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. Here is a brief outline of the course components, spread over the three years of study:

Arts, Aesthetics and Society (Modern to Contemporary)

History, Theory and Text (Classical non-Indian/ Indian Classical/ Traditional/ Folk/ Realism and after/ Contemporary Approaches)

- 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 Process

Play Productions

- 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 a professional performance.

Basics of Design

Theory and Practice 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.

Basics of Acting

Styles of Acting

Acting in Play Productions (Classical/ traditional/ folk/ Modern Western/ Modern Indian/ Contemporary approaches)

- 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 and 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 and New Contexts

Community Theatre or Applied Theatre

Children's Theatre & Theatre in Education

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.

Specializations

In the third year, apart from the common courses, students are offered the following specialized courses. The department reserves the right to decide whether a student is eligible to opt for a particular Specialization, depending upon his/ her performance in that area during the first two years.

Advanced Course in Design and Direction;

Advanced Course in Theatre Studies; and

Advanced Course in Acting and Children's Theatre.

Apart from these courses, students should undergo continuous Compulsory Non Credit-courses dealing with Movement and Voice (practical) throughout the three year programme. All practical courses require 90% attendance from the students. Medical fitness is a must to go through the rigorous programme. So exemptions for lack of attendance on medical grounds can not be entertained.

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 P.G. Diploma in Theatre Arts. Promotion into the second year, apart from the desire of the student, 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

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. Eligible candidates are required to write an entrance examination of two-hour duration, consisting of objective and descriptive 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. **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.** Any additional talents like music, dance, martial arts, drawing, etc. will be added advantages.

Ph. D. Programme in Theatre Arts

The focus of Doctoral program in Theatre Arts is to generate a knowledge-base in the area of Performance research and practice of theatre. Performance is seen as an inclusive field encompassing all the genres of performance

from traditional to contemporary, and explored in the backdrop of constituent and frontier domains like history, language, literature, anthropology, cultural studies, folklore, music and management in the social and historical context. A flexible interdisciplinary framework is followed to enable researchers to carry out work in the area of performance studies. To bridge the domains of practice and research, Practice as Research in Performance is encouraged.

Faculty

Professor

B. Ananthakrishnan, Ph.D. (Madras)-Performance Studies, Production Process. **(Head of the Department and Dean of the School)**

Readers

Jnaneswara Bhikshu, Ph.D. (Hyderabad) Indian Drama and Theatre, Comparative Theatre Aesthetics

Satyabrata Rout, M.A. (National School of Drama), Ph.D. (Meerut University) - Scenography

Rajiv Velicheti, M.A.- English (O.U.), M.A. in Dramatic Arts (National School of Drama) - Theatre History, Acting and Direction

Noshad Muhammad, M.A. (National School of Drama), Actor Training (TTRP, Singapore)

Chair Professor

Prof. Mohan Maharishi (Former Director, National School of Drama)

Joint Faculty

Prof. Tutun Mukherjee (from Centre for Comparative Literature)

Guest Faculty

Prof. S. Ramanujam

Prof. D.S.N. Murthy

Dr. R.R. Harischandra

Ms. Nasreen Ishaq

Department of Fine Arts

The Department offers a 2 year full time post-graduate degree course, **Master in Fine Arts (MFA)** in the disciplines of **Painting, Printmaking and Sculpture**. Twenty four hour access to studio facilities ensure that concepts and skills acquired at the undergraduate level become tools for building a new level of competence and expertise. A compulsory component of the course is a survey of art history from ancient to contemporary periods

of both Indian and Western art. This theoretical foundation is aimed at providing the student an understanding of art in its total context both material and subjective. The students submit a dissertation on a theoretical topic of their choice towards the end of course. The teaching does not presume to concern itself directly with a young artists work. Teachers incite such works and criticize the end products in a spirit of enquiry.

Instruction at the Department is essentially tutorial and involves a close working relationship between student and teacher, in which the latter encourages the student to make rigorous analysis of his/her work. A unique aspect of this course is the exposure the students get to the work of artists of national and international repute through the visiting Faculty programme and workshops.

In the print-making stream, the students are introduced to a wide array of basic print-making techniques, such as etching, screen printing, lithography, linocut, woodcut, dry point and engraving. The students are encouraged to explore and combine the expressive possibilities of these different techniques in their own work. These studio practices are complimented by a formal introduction to the history and aesthetics of printmaking medium. In sculpture stream, the students are encouraged in experimentation of different methods. History and aesthetics of sculpture are taught to develop a critical understanding in this domain.

MFA in Art History & Visual Studies

Entrance Examination

Separate entrance exam would be conducted because of the distinct nature of the studies.

Admission: Written test (80 marks) and Viva (20 marks)

Faculty

Professor

R.S. Sham Sunder, P.G. Dip. Printmaking (Kala Bhavan, Visva Bharati University, Santiniketan) B.A. Bangalore University (History, Economics, Sociology) (**Head of the Department**)

Readers

Alex Mathew, P.G. Dip. in Creative Sculpture (Faculty of Fine Arts, M.S. University, Baroda)

LNV Srinivas, MFA Painting, S.N. School, University of Hyderabad

Kirtana Thangavelu, Ph.D. (University of California, Berkely) - M.A. Fine Arts, Kalabhawan, Santiniketan, B.Fine (M.S. University) Baroda

Assistant Professors

Baishali Ghosh, Ph.D. (MSU), MFA (Art History), BFA (Art History, Santiniketan)

Tanmay Santra, MFA Painting (Kala Bhavan, Visva Bharati University, Santiniketan), B.Sc. (University of Calcutta)

Guest Faculty

Sarada Natarajan, MFA Art History (Pre-Modern, Indian & Western Sculpture)

Rakhi Peswani, MFA Ceramics, (M.S. University) Painting & Sculpture.

Santhosh Kumar Sakhinala, MVA Art History and Criticism (M.S. University), Indian and Western Modern Art

Department of Communication

The Department offers a full time 2 year Masters programme in Communication. The **M.A. Communication** programme has the following objectives:

- 1) To study the process of mass communications from the perspective of mass communication theory, political economy, historiographical/cultural studies, and development.
- 2) Producing & studying both technology and its mediated usage.
- 3) To impart skill-based training to prepare students for the ever growing industry

The two-year (four semester) M.A. programme offers the following streams of specialization:

- a) Television & Radio
- b) Print Journalism & New Media
- c) Communication & Media studies

Core courses such as Introduction to Communication, Historiographies of Media, Media Law & Ethics, Introduction to Advertising & Public Relations, Basic writing skills etc are offered in the first two semesters. Students, according to the stream assigned, will specialize in one of the above four area in the last two semesters (See Entrance Examination below for more details). Graduates who pass out of the department will have a broad understanding of the foundations of Communication and

media and acquire in-depth knowledge/skills in at least one area of specialization.

The following table gives an indication of the areas covered in the last two semesters of specialization:

Specialization	Focus areas of study
Stream	
Television & Radio	Radio/TV journalism, studio & field Production, broadcast media management, documentary & short film making, music video, fiction
Print Journalism & New Media	Specialized reporting & editing, features for Print & New Media, layout & design, production & managing websites, content management, media management
Communication & Media Studies	Development Communication, Film/TV theory, Communication Research, Cultural Studies, ICTs, Globalization & media, media & gender

Internship Requirement for M.A. (Communication)

During the summer vacation, each student shall work for a period of four to six weeks in a reputed communication/media organization (e.g. newspaper, TV channel, production house, advertising agency, PR agency, market research firm, IT company, NGO, etc) and obtain a 'satisfactory completion' internship certificate for submission to the department along with a brief internship report. The students shall seek prior approval of the department before joining an organization for internship. Where necessary, the department shall facilitate acceptance of students by particular organizations. Satisfactory completion of internship is a requirement for completion of the M.A. programme.

Infrastructure

Computer Lab: The Department has a computer lab connected through LAN with software, scanning, printing & CD/DVD writing facilities. It has software like Quark XPress, Photoshop and others adequate for multi-media presentations. All computers are internet enabled. Students utilize this facility to complete their print/web projects, assignments and other course related work.

AV lab: The audio lab is equipped with multiple microphones, professional multi-track digital recording and editing facilities. Portable digital field recording units are also available for outdoor recording. Students learn to operate professional sound-editing software such as Adobe Audition & Protools. The video lab is equipped with a three-camera set-up for multi-camera productions. Besides these, ten digital video cameras are exclusively meant for single camera field productions. Post-production facilities include non-linear editing systems. Access to and use of studio facilities are governed by rules laid out by the department. Students have to provide necessary undertaking regarding access/utility rules for the AV lab.

Copyrights

All copyrights of student work produced during their tenure at the University will rest with the Department/University.

Student participation

The programme is intensive and involves group and individual presentations, research projects, studio exercises and other production-related activity. The programme demands active participation of the students.

While the Department partially subsidizes production-related activity of students, including purchase of tapes and other post-production work, they should be prepared to incur any additional expenses for such things as transport for shooting on location, field visits, and participation in various events etc.

Entrance Examination

Applicants found eligible must write an entrance examination consisting of a combination of objective and essay type questions. The examination is of three parts: general knowledge and current events, media awareness, writing ability and verbal aptitude. Based on performance in the entrance examination, the short-listed candidates appear for an interview before final selection is made.

Candidates are required to indicate in the application their preference of specialization in order of priority. Based on the candidate's ranking at the end of the admission process, the Department shall assign specialization streams to each selected student. **Requests for change in specialization**

streams shall not be entertained under any circumstances.

Post-graduate Diploma in Health Communication

Introduced under the UGC's Innovative Programmes scheme, this new programme is aimed at building communication and advocacy capacity in the growing health services sector, particularly at the community level. The programme will benefit those intending to enter the media and communication field as health journalists or communicators and public/community health workers who are required to plan and execute IEC (information-education-communication) activities. The programme will combine an exposure to the principles and practices of communication and an understanding of public health issues, policy and planning. The two-semester programme will include one semester of intensive course work and one semester of project work/research in the field.

Ph.D. in Communication

The Department offers a Doctoral Programme in Communication. Those found eligible must write a written test comprising questions in: theory and concepts; research methodology; and a project synopsis. If the candidate qualifies for the interview, he/she will have to defend his/her synopsis at the interview.

Faculty

Professors

B.P.Sanjay, Ph.D. (Simon Fraser University, Canada) – Political Economy of Communication Technologies, Development Studies, International Communication, Communication/Media Policy. (on leave as Vice-Chancellor of TN Central University)

Vinod Pavarala, Ph.D. (University of Pittsburgh, USA)- Communication and Development, Community Media, Popular Culture.

Readers

Usha Raman, Ph.D. (University of Georgia, USA) Print Journalism, Health & Science Communication, New Media and Society. **(Head I/c of the Department)**

P. Thirumal, Ph.D. (Pondicherry University) - Rhetoric of Development, Theory & History of Media.

Vasuki Belavadi, M.A. (University of Hyderabad) – Radio, Video Production, Community Media.

Kanchan K. Malik, Ph.D. (University of Hyderabad) – Print Journalism, Community Media, Media Law & Ethics, Media & Gender, and Communication Theory & Research.

E. Sathya Prakash, Ph.D. (Osmania University) – Television Production, Documentary Filmmaking and Media Management.

Guest Faculty

S.Ramu, Journalist

Pavan Kumar Manvi, ETV Network

Paromita Vohra, Filmmaker, Mumbai

Visiting Professors

Venkatesh Chakravarthy, Film Scholar, Chennai

Subbu Vincent, indiatogether.org, Bangalore

Dr. Shilpa Anand, Disabilities Studies Consultant

Nirupam Sarkar, ETV

Bishwadeep Moitra, Executive Editor, Outlook Magazine, Delhi

Vanita Kohli Khandekar, Media Consultant, Mumbai

Indraganti Mohan Krishna, Film Maker

Other media experts are called for extension lectures and workshops.

School of Management Studies

The School of Management Studies (SMS), sanctioned by the UGC, commenced functioning from May, 1999. It offers two year full-time MBA Programme, and a Ph.D. programme in Management Studies. The School is also offering an M.B.A. Programme in Health care and Hospital Management from the year 2008 - 09 in collaboration with the School of Medical Sciences. The SMS promotes Faculty and doctoral research, consultancy, training, and outreach activities in various manufacturing, corporate, infrastructural, services and developmental sectors. Its Faculty organizes on-campus seminars, and actively participates in external seminars, executive and Faculty development and PG programmes.

Vision

The broad Vision of the School is to strive to achieve excellence in management education, research, training and consultancy.

To achieve this Vision, the following mission is being pursued:

Mission

- a) To continually expand the scope of application of management concepts to Infrastructural, Institutional, Environmental & Developmental services, Entrepreneurship & emerging areas like CRM, SCM, Health Care and Hospital Management, Business Incubation, University Industry Partnership, Research, training and consultancy;
- b) To enhance quality research skills among the Ph.D. Scholars;
- c) To promote the development of socio-economically sensitive, responsible and effective managers and management academics of tomorrow.

Activities

To achieve the Vision and Mission, the School:

- a) organizes the MBA core courses, electives, project work, self-awareness and growth lab, organizational skills workshop, summer internships, and other relevant inputs;

- b) promotes research by Faculty and Ph.D. scholars;
- c) organizes seminars and encourages participation in external seminars;
- d) collaborates with reputable national and international institutions and industry;
- e) encourages students to organize and participate in co-curricular and extra-curricular activities.

Prof. V. Venkata Ramana is the Dean of the School.

M.B.A.

The two year MBA full-time programme with an intake of 60 students is spread over four semesters. During the first two semesters, core and foundation courses are offered. These include Management Concepts and Approaches, Managerial Accounting and Finance, Marketing, Organizational Behaviour, Human Resource Management, Quantitative Techniques, Managerial Economics, Information Technology, Communication and Personal Effectiveness, Operations Management, Research Methodology and Business Environment. In addition, a five-day concentrated Self-awareness and Growth Lab is also organized during the first semester.

The students are required to get some 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, work environment and organizational cultures. As such, the summer internship is an integral part of the MBA programme.

During the second year, the students have the opportunity to specialize in two selected 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 offered:

- Marketing Management
- Finance Management
- Human Resources Management
- Operations Management
- Entrepreneurship

M.B.A. (Health Care and Hospital Management)

The School has launched a unique MBA program (Health Care & Hospital Management) from the academic year 2008-09. The two year (four semesters) programme is offered in collaboration with the School of Medical Sciences of the University and other leading hospitals to meet the challenges and opportunities offered by the growing health care industry in India which is poised to become a global hub for the healthcare services. Some of the recent government initiatives focus on improving health care access, boosting private sector participation and upgrading technology and managerial skills to manage the complex health care environment.

About the program

The programme fulfills specific needs of middle level administrators in hospitals or health care and related sectors. This comprehensive programme will provide a professional qualification and insights into managerial functions for those serving 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 programme is offered to prepare students to contribute effectively in different areas of healthcare and hospital management. It focuses on developing excellent managers with the desired professional skills to take up at entry level and middle level positions.

Vision

The broad vision of the programme 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.

Mission

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 programmes, dissemination of knowledge through continuous interaction between

academia and industry, and to promote developmental activities in health care sector.

Objectives

The programme and the pedagogical techniques are designed to develop effective communication, analytical, and problem solving skills among the participants and empower them to meet the challenges being faced by the health services organisations. The specific objectives of the programme are:

- To prepare qualified and efficient health care and hospital management professionals
- To develop better systems for effective delivery of healthcare services
- To train the students in developing better leadership skills, inculcating values and ethical practices
- To provide the necessary skills and knowledge for practical orientation and implementation of strategies in relation to modern hospital / health care management practices

Highlights of the Programme

- Curriculum is spread over foundation and core courses in the first year and specialized courses and electives in 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

Course Curriculum and program delivery

The course curriculum would be developed with active collaboration and involvement of senior health care and hospital management policy makers, administrators, and professionals to provide the students with state of the art knowledge and practical orientation in the field of health care and hospital management.

The course would be offered initially to a limited strength of about 20 students with key inputs from the Faculty of the school and other visiting Faculty with supplementary inputs from industry professionals. The programme would be run in active association and collaboration with the School of Medical Sciences so that necessary expertise can be drawn from the school.

Program Pedagogy

The teaching/learning methodology would be 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 a 8 weeks summer project after completion of the II 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 attachments with recognized hospitals.

Ph.D.

The School also offers a Ph.D. programme in Management Studies. The students will be expected to produce a dissertation of international quality based on research in analytical and/or applied areas of strategic/functional management. All the students admitted into Ph.D. Programme are required to undergo course work.

Minimum Qualifications for Admission

a) M.B.A.

Admissions for the M.B.A. 2012-14 batch with an intake of 60 students were completed on the basis of CAT-2011 scores (for those candidates who had applied to the University of Hyderabad) in addition to on-campus group discussion and interview of the short-listed candidates.

Eligibility for 2013-15 batch:

1. A three-year Bachelor's degree (or its equivalent) in any discipline recognized by the Association of Indian Universities/AICTE, obtained on or before July 2013. Those completing their final examinations by July 2013 can also apply.
2. They should appear in CAT-2012, conducted by the IIMs, in October/November 2012.
3. They should also apply separately to the University of Hyderabad by October/November 2012.

For admission to the 2013-15 M.B.A. batch, interested applicants should watch for the School's advertisement/press release in September/October 2012 in leading national newspapers and the University's website. They can plan to appear in CAT 2012, and apply to the University by November/December 2012. A separate MBA Prospectus for the year 2013-15 together with the programme details and the Application Form for admission during the Academic year 2013-15 will be available in electronic and print form in September/October 2012.

Candidates are required to pay an amount of Rs.14,300/- (may be revised) at the time of admission as one time payment towards the SMS Development Fee in addition to the normal fees as prescribed by the University.

b) International students: 2012-14 MBA Batch

Up to five international students may be considered for admission to the MBA programme 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, by **April 15, 2012** at the latest. They should also ensure that, if admitted, they can join the programme by mid-July, 2012 at the latest.

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.

c) M.B.A. (Health Care and Hospital Management)

Eligibility: Three or four year Bachelor's degree with minimum of 60% marks or equivalent grade of any University recognized by AIU/AICTE. Preference will be given to those who have an academic background/experience relating to health care management/administration areas.

Admission Procedure: Admissions will be based on Written Entrance Examination (60% weightage), Group Discussion (25% weightage), and Interview (15% weightage). The Written Entrance Examination consists of four sections viz. Data Interpretation & Arithmetic/Numerical Ability; Business Awareness; Verbal Ability and General Knowledge for 100 marks. Based on the score obtained in the written test short listed candidates will be called for Group Discussion and interview.

d) Ph.D.

Eligibility: Master's degree or its equivalent in Management, Commerce or Accounting (M.B.A., M.Com., C.A., I.C.W.A.) with 55% of marks.

Applicants will be required to submit, along with the application, a brief tentative proposal (about 500 words) on their proposed topic of research. Applicants satisfying the minimum qualifications will be required to take a written entrance test, which is in objective type to be answered in OMR sheet and the short listed candidates will be required to appear for an interview. The written test will carry 75 marks and the interview carries 25marks. Candidates who have qualified in UGC JRF or awarded RGNF/MANF in Management Studies/ Commerce are exempted from

appearing the written test and will be given 40 marks weightage for the written test. They will however have the option to appear in the written test to secure more than the assigned marks.

The written test for Ph.D. will mainly be in Principles of Management, Business Environment, Organizational Behaviour, Business Statistics, Financial Accounting, Marketing Management, Financial Management, Human Resources Management, Operations Management, and Research Methodology.

Faculty

Professors

V. Venkata Ramana, M.B.A. (SKU), Ph.D. (Management- Osmania) - Marketing Management, General Management, Corporate Strategy & CRM and Services Marketing (**Dean of the School**)

V. Sita, M.A., (Osmania) M. Phil, (Hyderabad), Ph.D. (Osmania) - FDP(IIM, Ahmedabad), PGDHRM – Public Policy, Human Resource Management, E-Governance, entrepreneurship & Women Studies.

B. Raja Shekhar, B.Tech. (Civil – Acharya Nagarjuna), M.B.A. (Osmania), Ph.D. (Management – Kakatiya), M.Sc. (Psychology – SVU), FDP (IIM, Ahmedabad), PGDPMIR, PGDCS – Quantitative Techniques, Operations Management, Quality Management, Consumer Protection and Supply Chain Management. (**Dean, Students' Welfare**)

Associate Professors

S. Mallikharjuna Rao, Ph.D. (Osmania), F.I.C.W.A. – Financial Management Strategic, General Management, Infrastructure Management and Health Care Financing

P. Jyothi, M.A., Ph.D. (Psychology - Osmania) – Organisational Behaviour, Human Resource Management, Organisational Development, and Entrepreneurship.

Mary Jessica, M.Com. (Osmania), Ph.D. (Management - Osmania) – Financial Management, Merchant Banking and Financial Services, Investment Management and International Financial Management.

Readers

G.V.R.K. Acharyulu, M. Tech. (Chemical – Kakatiya), M.B.A. (Osmania), Ph.D. (Management – Osmania), DPM -Quantitative Techniques, Operations Management, Supply Chain Management and Health Care Management. Systems Analysis. (**Coordinator, M.B.A Health Care and Hospital Management Programme**).

Chetan Srivastava, MBA (Osmania), Ph.D. (Management – Osmania), PGCCA, MCSD – Strategic Marketing.

International Marketing, Advertising, Sales Management, HRD and Systems

Sapna Singh, MBA (Osmania), Ph.D (Management – Osmania) – Marketing, HRM & Branding.

Assistant Professors

D.V.Srinivas Kumar, B.Tech (Acharya Nagarjuna), MBA (Andhra), Ph.D (Management- Hyderabad) – Services Marketing and Customer Relationship Management.

K. Ramulu, M.Com (Kakatiya), MBA-Finance (DRBRAOU), M. Phil (Nagpur) and Ph.D. (Kakatiya) – Materials Management-Financial Management/Financial Accounting, Management Accounting, Financial Risk Management, Security Analysis and Portfolio Management, Financial Markets and Institutions.

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 of Medical Sciences 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 programmes. The School has a Scientific Advisory Council-cum-School Board which has eminent biomedical scientists from India and abroad as its members. The School collaborates with the School of Life Sciences and other Schools and Centers of the University involved in Health Sciences research. The School has access to State-of-the-art research infrastructural facilities of the Schools and Centers of the University. The School of Medical Sciences has several Adjunct, Joint and Visiting Faculty from the University and other Institutes who actively participate in the multi-disciplinary teaching and research programmes. The School has established academic and research partnership with reputed Institutes recognized by the University like LV Prasad Eye Institute, Care Foundation, Golkonda Hospitals, Fernandez Hospitals, etc. The School has also established memorandum of understandings (MoU) with University of Arkansas for Medical Sciences (UAMS), Little Rock, Arkansas, USA and George Institute for Global Health for academic and research activities. The School offers the following academic programmes:

1. M.Sc. (5-year Integrated) course in Optometry and Vision Sciences: The course is offered in collaboration with LV Prasad Eye Institute, Hyderabad. This novel program is designed to train the students in different aspects of optometry and vision science backed up with extensive practical skills and clinical internship.

Eligibility for the Master of Science in Optometry and Vision Sciences:

The eligibility for admission to the course is based on a written test followed by an interview. The written test paper based on XII Board syllabus will have a total of 75 objective type questions in Biology, Chemistry, and basic Medical Sciences.

2. Ph.D programme

Candidates having interests in the areas of medical research are highly encouraged to apply for Ph.D. Masters degree in

Biochemistry/Animal Sciences/ Biotechnology/ Biosciences/ Toxicology/ Microbiology/ M.Pharm and who are qualified in NET for JRF (CSIR,UGC and ICMR) are eligible to apply.

Faculty

Professor

Geeta K Vemuganti, MBBS, MD, DNB (Univ. of Rajasthan, Nizam's Institute of Medical Sciences) Adult Stem Biology research, Ophthalmological and visual sciences (**Dean of the School**)

Readers

Suresh Koduru, PhD (Univ. of Hyderabad) – Immunology, Inflammation and Cancer biology

Athar Habib Siddiqui, PhD (AMU, Aligarh) – Integrative physiology, Cardiovascular biology, Hypertension.

Mahadev Kalyankar, PhD (Univ. of Hyderabad)- Diabetes, Insulin resistance and Metabolic disorders.

Assistant Professors

Manchana Varalakshmi, MSc (Nursing)

Adhoc faculty

Dr. Ravipet Sarath, MBBS, MD (Physiology)

Mrs N. Geetha Reddy, MSc (Nursing)

Mr S. Lokanadham, MSc (Anatomy)

Mrs Janitha P.A, M.O (Optometry)

Mrs Adari Ramadevi, MSc (Nursing)

Mrs Lokapavani, MSc (Optometry)

Guest Faculty

Dr BR Shammanna

Prof m Seetharamaiah

Clinical Instructors

B. Swathy, MSc Nursing

A. Pavani, MSc Nursing

3. The Centre for Physical Fitness and Sports Sciences

works in collaboration with the School of Medical Sciences to promote Physical Wellness programs from a scientific perspective and using an inter-disciplinary approach.

The Objectives of the Centre are:

a. To offer academic programs to promote Physical Wellness

- b. To disseminate Physical Wellness concept and its importance to the society
- c. To develop Physical fitness movement and to highlight the essentiality of sponsoring the Sports and Physical Fitness Culture on Scientific lines

The centre offers the following Academic Programme:

P.G. Diploma: One year postgraduate Diploma in Health Fitness and Lifestyle Management which is fully funded by the UGC under Innovative programs of National priority. This is a unique program which blends Physical Wellness concepts with Lifestyle Management skills. The objective of the course is to train Fitness management professionals with adequate knowledge in various Physical Fitness and Lifestyle management practices using an optimum blend of theory and practicals.

Any graduate with a minimum of pass is eligible for admission based on an entrance examination. The entrance examination will have three parts- written test (75 marks), physical fitness test and interview (25 marks).

The question paper for the written test will consist of multiple choice objective type questions in human anatomy, physiology, exercise and fitness science, wellness concepts and aptitude. Based on the order of merit in the written examination, the candidates will be called for a physical fitness test. Those who qualify in the fitness test with stipulated minimum performance standards only will be eligible to appear for the interview.

A weightage of 5 marks will be given to the Graduates and Post Graduates of Physical Education (Five marks to be added to the total marks obtained in the entrance examination after the interview).

Faculty

K.V. Rajasekhar, Ph.D. (Asst. Director, Sports Centre)- Exercise Science, Exercise Kinesiology, Physical Education and Fitness studies, Cardio conditioning
(Coordinator of the Course)

VVBN Rao, Exercise Science, Yoga, Fitness Studies

K. Siva Kishore, Lifestyle for Health promotion, Cardio and Strength conditioning

Dr. T.Sathyalakshmi, Interactions of Yoga practices with health physiology

Mrs Shameena Shewar, MPT, Sports injury management

Guest Faculty

Dr Y Venkata Ramana, Ph.D., Sr Scientist, National Institute of Nutrition

School of Engineering Sciences and Technology (SEST)

The School of Engineering Sciences & Technology (SEST) was established with a mission and objective “to pursue high quality research and impart research-led education in emerging multi-disciplinary areas encompassing science, engineering and technology”. SEST, which began inducting students from the academic year 2008-09 by initiating an integrated M.Tech./Ph.D. programme in Materials Engineering, has started another integrated M.Tech./Ph.D programme in Nano Science and Technology in the academic year 2010-2011. School will progressively expand to offer similar multi-disciplinary programmes in other frontier areas spanning varied engineering disciplines. SEST provides a perfect environment to pursue cutting-edge cross-disciplinary research by taking advantage of the already well-established schools of study at the University, particularly Physics, Chemistry, Mathematics & Computer/Information Sciences and Life Sciences, which have an enviable track-record. SEST will offer courses/research projects in collaboration with these Schools as well as the Nano-Science/Technology Centre, Advance Centre for Research in High Energy Materials, Centre for Modeling, Simulation and Design and Central Instrumentation Laboratory on campus.

SEST is already on course to put in place an ideal framework to facilitate integration of science into technology. It collaborates closely with premier research institutions in the vicinity and some of them, such as the Defence Metallurgical Research Laboratory (DMRL), Indian Institute of Chemical Technology (IICT), International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI) and Nonferrous Materials Technology Development Centre (NFTDC), have been formally recognised as its external research centres. Additionally, SEST is forging close linkages with diverse Indian industries, too, in an effort to build a vibrant program spanning high-quality scientific and applied research. While a few full time faculty members have already been appointed and SEST also benefits greatly from the association of three Chair Professors of great eminence; the

process of adding several other highly qualified teachers and researchers is presently in progress. In the meantime, the School has been able to attract some renowned experts from DMRL, NFTDC, IGCAR, BARC, ARCI, NFC etc. as Guest Faculty to participate in student teaching and ensure that high quality knowledge is imparted to its students from inception.

Infrastructural Facilities

Pertinent facilities relating to the areas of solid state physics, solid state chemistry, nano-technology, thin films, material characterization etc. are already available at the University to be accessed by the School. Apart from a recently acquired Transmission Electron Microscope, these include other key characterization facilities like X-ray diffractometer, Scanning Electron Microscope, Vibrating sample magnetometer, Spectrophotometers etc. Core infrastructure has been set-up at SEST in identified areas for teaching and research purpose. Several advanced research facilities are being established with the grants provided by UGC for Pursuing University Research for Scientific Excellence. These facilities are commissioned. An opportunity to also use a wide array of sophisticated and unique materials processing and characterization equipment existing at SEST's external research centres opens up exciting possibilities to address cutting-edge research. Between a top class library on campus and those at neighbouring research laboratories, students have access to one of the largest collection of books and journals related to Materials Sciences & Engineering. A new building to house SEST, keeping in view its future expansion plans, is also to be ready soon. Thus, the University is already taking all essential steps to establish SEST as an excellent seat of learning for post-graduate education and research in engineering.

Programmes of Study

(A). Integrated M.Tech./Ph.D., Ph.D. in Materials Engineering

The School admits students to the Integrated M.Tech./Ph.D. programme in Materials Engineering as

well as separately for a Ph.D. programme in Materials Engineering.

The School presently offers an **Integrated M.Tech./Ph.D. programme in Materials Engineering**. Students admitted to this programme have the option of continuing to the Ph.D. programme. Continuation to Ph.D course will be based on the performance in M.Tech course. The M.Tech. programme is of two year duration, of which the first two semesters will be devoted to course work. The curriculum lays an emphasis on giving a broad exposure to all aspects of Materials Engineering, consistent with interdisciplinary nature of the subject today, and students also take elective courses. The balance of the two-year period will be spent by students on a research project leading to a dissertation, which will have to be defended in a viva-voce examination. A comprehensive Viva-Voce examination will be conducted at the end of the first year and prior to commencement of the research project. The project work can either be done within the University or at one of the recognized external institutions, or at an R&D Laboratory, or at an industry. This gives the students freedom to pursue research in a variety of specialized areas within the broad theme of Materials Science and Engineering.

The **Ph.D.** programme is entirely research oriented. The student will be provided an opportunity to undertake research under the guidance of a Faculty member of the School in an area of his/her choice and approved by the School. The student will be periodically advised by a doctoral committee. Students admitted to the Ph.D. programme will be required to undergo some course work depending on their background or take certain additional courses to meet the demands of their research. The research work, in part or in entirety, can be carried out either within the University or at one of its formally recognised external research centres. The students are expected to actively participate in research seminars and submit monthly 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 and a subsequent oral examination in support of the thesis.

Entrance Examination

I. Admission to Integrated M.Tech./ Ph.D. in Materials Engineering:

Admission shall be based on a written test followed by an interview for short-listed candidates.

The written test will consist of objective type questions. The syllabus for the test comprises of the typical syllabi of Indian Universities in Materials Science & Technology of BE/B.Tech level; Physics, Chemistry, and Mathematics & Statistics of B.Sc./B.Tech/B.E. level; Solid State Physics & Chemistry of M.Sc. level and basic knowledge of numerical and computational methods.

II. Regular Admission to Ph.D. Programmes in Materials Engineering

Admission shall be based on a written test followed by an interview for short-listed candidates.

The written test will consist of objective type questions. The syllabus for the test comprises of the typical syllabi of Indian Universities in Materials Science & Technology of BE/B.Tech level; Physics, Chemistry, and Mathematics & Statistics of B.Sc./B.Tech/B.E. level; Solid State Physics & Chemistry of M.Sc. level and basic knowledge of numerical and computational methods.

All the candidates with B.E./B.Tech./ M.Sc/M.E/ M.Tech. degree seeking admission into Ph.D programme will have to qualify in a written test and will be short-listed for interviews based on their performance in the written test.

Course Work Requirements:

Candidates admitted to the Ph.D. programme with B.E./B.Tech./M.Sc. or an equivalent degree will be required to undergo a mandatory one-semester core course work, besides any additional courses that may be recommended by the doctoral committee to meet the demands of their research.

III. External Ph.D. Registration:

The admission procedure shall be the same as that in the case of regular admissions to the Ph.D. programme.

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 University and an approved Ph.D. supervisor from the recognized institution.

Candidates admitted with B.E./B.Tech./M.Sc. or an equivalent degree will be required to undergo a mandatory one-semester of core course work, besides any additional courses that may be recommended by the doctoral committee to meet the demands of their research.

IV. Sponsored Candidates:

Candidates with requisite qualifications, and having at least two years of work experience in Government/ Government-recognized organizations (Universities / Colleges engaged in teaching and research, Government R&D institutions or R&D centres of industry) are eligible to apply under this category.

The work experience should be in the areas mentioned in the requisite qualifications.

Sponsored candidates are exempted from the written test but must attend and qualify in the interview.

The candidates should submit, along with the applications, a written statement from the sponsoring organization to pay a sum of Rs.1,00,000/- (Rupees one lakh only) (one-time payment) towards the development fund of the department.

All requirements regarding course work etc. shall be the same as that in the case of regular admissions to the Ph.D. programme.

V. Foreign Candidates:

Foreign nationals seeking admission to the M.Tech./Ph.D. (Materials Engineering) programme should also possess the requisite qualifications as in the case of regular students.

Candidates with a high GRE score will be given preference. Candidates should have the ability to communicate in English and, in order to support this ability, a good score in TOEFL is desirable.

In addition, candidates should submit details of the course contents of the qualifying degree as well as letters of reference (along with contact information of the referees) along with their application.

(B). Integrated M.Tech/Ph.D.in Nano Science and Technology:

The School is also offering **Integrated M.Tech/Ph.D in Nano Science and Technology** Students admitted to this programme have the option of continuing to the Ph.D. programme. Continuation to Ph.D course will be based on the performance in M.Tech course. The M.Tech. programme is of two year duration, of which the first two semesters will be devoted to course work. The curriculum lays an emphasis on giving a broad exposure to all aspects of Nano Science and Technology, consistent with interdisciplinary nature of the subject today, and students also take elective courses. A comprehensive Viva-Voce examination will be conducted in the course work that has been offered in the first year prior to commencement of the research project. The balance of the two-year period will be spent by students on a research project leading to a dissertation, which will have to be defended in a viva-voce examination. The project work can either be done within the University or at one of the recognized external institutions, an R&D Laboratory, or an industry. This gives the students freedom to pursue research in a variety of specialized areas within the broad theme of Nano Science and Technology.

(i). Admission for Integrated M.Tech./Ph.D. in Nano Science and Technology

Admission shall be based on a written test followed by an interview for short-listed candidates.

The written test will consist of objective type questions. The syllabus for the test comprises of the typical syllabi of Indian Universities in Materials Science & Technology and Nano Science and Technology of BE/B.Tech level; Physics, Chemistry, and Mathematics & Statistics of B.Sc./B.Tech/B.E. level; Nano Science and Technology at M.Sc level, Solid State Physics & Chemistry of M.Sc. level and basic knowledge of numerical and computational methods.

**(ii). Regular Admission to Ph.D. Programmes
in Nano Science and Technology**

Admission shall be based on a written test followed by an interview for short-listed candidates.

The written test will consist of objective type questions.

The syllabus for the test comprises of the typical syllabi of Indian Universities in Materials Science & Technology of BE/B.Tech level; Nano Science and Technology at B.E/B.Tech/M.Sc level, Physics, Chemistry, and Mathematics & Statistics of B.Sc./B.Tech/B.E. level; Solid State Physics & Chemistry of M.Sc. level and basic knowledge of numerical and computational methods.

All the candidates with B.E./B.Tech./M.Sc/ M.E/M.Tech. degree seeking admission into Ph.D programme will have to qualify in a written test and will be short-listed for interviews based on their performance in the written test.

Course Work Requirements:

Candidates admitted to the Ph.D. programme with B.E./B.Tech./M.Sc. or an equivalent degree will be required to undergo a mandatory one-semester core course work, besides any additional courses that may be recommended by the doctoral committee to meet the demands of their research.

(iii). External Ph.D. Registration:

The admission procedure shall be the same as that in the case of regular admissions to the Ph.D. programme. General guidelines provided for external Ph.D registration under Materials engineering will be followed.

(iv). Sponsored Candidates:

The conditions given for sponsored candidates under materials engineering will be followed.

(v). Foreign Candidates:

Foreign nationals seeking admission to the Ph.D. (Nano Science and Technology) programme should also possess the requisite qualifications as in the case of regular students. Conditions mentioned for foreign candidates enrollment under Ph.D materials engineering will be followed.

Faculty

Professors

K.Bhanu Sankara Rao, Ph.D. (Madras) (**Dean of the School**)

M. Sundararaman, Ph.D (Bombay)

Associate Professor/Reader

Dibakar Das, Ph.D (IIT Bombay)

Assistant Professors

Koteswararao Rajulapati, Ph.D. (North Carolina State University)

Vadali Srikanth, Dr.Ing (University of Siegen, Germany)

Pradip Paik, Ph.D (IIT, Kanpur)

Rajkishore Dash Ph.D (RPI, USA)

Chair Professors

Kota Harinarayana , Ph.D. (IISc, Bangalore), Pratt & Whitney Chair Professor

K.A. Padmanabhan, Ph.D (Cambridge, U.K), University Chair Professor

J.L. Strudel, Ph.D (Berkeley, University of California), Ecole des Mines de Paris, University Chair professor

Honorary Professor

Gerhard Wilde, University of Munster, Germany

INAE-AICTE Distinguished Visiting Professor

G. Madhusudhana Reddy, **Ph.D (IIT Madras), DMRL, Hyderabad**

Visiting Professor

Prof. Marc Fivel, CNRS Research Professor at SIMaP-GPM2/ Grenoble, INP, France

Guest Faculty:

M.Ramanadham, Ph.D, School of Life Sciences, University of Hyderabad

T. Suryanarayana, **Ph.D**, School of Life Sciences, University of Hyderabad

T.R. Ramachandran, Ph.D., Nonferrous Materials Technology Development Centre, Hyderabad

K. Balasubramanian, Ph.D. (McMaster), Nonferrous Materials Technology Development Centre, Hyderabad

K.P.Narayana Murty Ph.D (University of Hyderabad) School of Physics, University of Hyderabad.

K. Muraleedharan, Ph.D , Defence Metallurgical Research Laboratory, Hyderabad

M.Vijayalakshmi, Ph.D. (University of Madras), Indira Gandhi Centre for Atomic Research – Kalpakkam

Komal Kapur, Ph.D. (IIT-Bombay), Nuclear Fuel Complex, Hyderabad

R. Balmuralikrishnan, Ph.D. (IISc.), Defence Metallurgical Research Laboratory, Hyderabad

R. Sankara Subramanian, Ph.D (IISc, Bangalore), DMRL, Hyderabad

S.V. Joshi, Ph.D , ARCI, Hyderabad

G. Padmanabham, Ph.D, ARCI, Hyderabad

G. Sai Preeti, Ph.D (University of Hyderabad, CMSD, University of Hyderabad

Tata Narasinga Rao, Ph.D. (IIT Madras), ARCI, Hyderabad

Abhijit Dutta, Ph.D. (IIT-Bombay), Defence Metallurgical Research Laboratory, Hyderabad (retd)

K.G. K. Murty, Welding Research Institute, Trichy (retd.)

T.R.Rama Mohan, Ph.D (IIT Bombay), Professor IIT, Bombay (Retd.)

K.C. James Raju, Ph.D, School of Physics, University of Hyderabad

Anand , CR Rao Institute of Statistics, University of Hyderabad Campus

Aparna Dutttagupta, School of Life Sciences, University of Hyderabad

P. Appa Rao, School of Life Sciences, University of Hyderabad

STAND ALONE CENTRES

Centre for Integrated Studies (CIS)

Introduction

In the process of the fulfillment of the set objectives of the University, a Centre for Integrated Studies (CIS) was established in the year 2006-07 to offer Master's Degree (5-year Integrated) in several disciplines for imparting specialised education to the students after their +2 level of education.

Courses offered by the Centre

The Centre offers Master's Degree (5-year Integrated) courses in Sciences, Humanities and Social Science subjects.

Important points to be noted :

- All courses are full time regular courses. There is no provision for exit in between.
- The medium of instruction is English for all the courses except the language courses which will be taught in the language concerned. Therefore, proficiency in English is essential.

M.Sc. (5-year Integrated) course in Sciences

The four Science Schools of the University offer Integrated Master of Science (5-year Integrated) course in Mathematical Sciences, Physics, Chemical Sciences, and Systems Biology, through the Centre for Integrated Studies (CIS). The courses are open to all students who have completed/expect to complete +2 stage with at least three of the above subjects as their optionals with a minimum of 60% at +2 level. The curriculum is common to all the disciplines for the first four semesters. Students with Biology background in the +2 stage and had left Mathematics after the 10th class are expected to put in the necessary effort to learn Mathematics. Similarly students who left Biology in the +2 stage are expected to learn Biology. The University offers Bridge courses in the first semester to facilitate this process. The students are

transferred to their parent departments at the end of the fourth semester.

The admission to M.Sc. (5-year Integrated) in Sciences (Mathematical Sciences, Physics, Chemical Sciences, and Systems Biology) will be through a common entrance examination. The written test is for 100 marks. The written test contains 25 objective questions each in Maths, Physics, Chemistry and Biology, at +2 level, and the candidates are required to answer all the questions. The questions carry negative marks. **There is no interview for admission to this course.**

Candidates holding KVPY fellowship or qualified in Science Olympiads (those who have attended the training program atleast), and those who are placed in the main list of IIT- JEE 2012 or State Rank holders can seek exemption from the written test. They are awarded the average mark of the first 64 candidates of the written test of the university in lieu of the written test marks.

M.Sc. (5-year Integrated) course in Health Psychology

The Centre for Health Psychology offers an M.Sc. (5-year Integrated) course in Health Psychology through the CIS. Students who have completed or expect the complete +2 stage with either Science or Arts subjects with 60% marks are eligible to apply for the course. The students spend two years at the centre like other Science students and move on to the parent centre at the end of the fourth semester.

The admission to the M.Sc. (5-year Integrated) in Health Psychology course is through a written test for 100 marks. **There is no interview for admission to this course.** The written test includes aptitude testing for Psychology, Biology and mathematics at +2 level and proficiency in English. All the questions carry negative marks.

M.A. (5-year Integrated) course in Humanities

The School of Humanities offers Master of Arts (5-year Integrated) course in four disciplines, Hindi, Telugu, Urdu and Language Science. All students with a minimum of 60% marks in +2 stage are eligible to apply. The students spend the first three years at the CIS where they are exposed to the basics of several disciplines to provide them a broad foundation. They are transferred to their parent department after the Sixth Semester.

Entrance Examination

There will be a common entrance test for admission to M.A. (5-year Integrated) in Humanities. The question paper will be objective type consisting of three parts, Part A, B, and C. In Part A, there will be 40 questions of one mark each to test the competence in the concerned subject. In Part B, will have 35 questions of one mark each to test the competence in English. In Part C, will have 25 questions of one mark each to test the competence in the current affairs and general knowledge. Students should choose Part A (Telugu, Hindi, Urdu, and Language Science) according to their options. Questions in Parts B and C will be in English and in Part A, the questions will be in English for Language Science students and in Telugu/Hindi/Urdu for those who opt for Telugu, Hindi, Urdu respectively.

M.A. (5-year Integrated) course in Social Sciences.

The School of Social Sciences offers Master of Arts (5-year Integrated) course in five disciplines, Anthropology, Economics, History, Political Science and Sociology. All students with a minimum of 60% at +2 level are eligible to apply. The students spend the first three years of their course at the Centre for Integrated Studies (CIS). They make their choice at the end of third year regarding the discipline in which they get their degree after fulfilling the minimum number of credits specified by each department.

There will be a common entrance test for admission to the MA (5-year Integrated) Courses in Social Sciences for 100 marks. The test consists of (a) Social Studies and General Awareness (25 marks) (b) Language and Comprehension (25 marks), (c) Reasoning Abilities (25 marks), and (d)

Quantitative Aptitude (25 marks). There is negative marking. Each wrong answer carries -0.33 marks.

Note: There is no interview for admission to MA(5-year Integrated) courses in Humanities and Social Sciences.

Courses of study: MA (5-year Integrated) courses in Humanities and Social Sciences

Courses of study for students of M.A. (5-year Integrated) in Humanities and Social Sciences at the Centre for Integrated Studies (CIS) are common in first year. These will be introductory and foundational in nature and will all be taught courses, viz., English, I.T., Indian Languages, Indian Literature, Comparative Literature, Anthropology, Economics, History, Political Science and Sociology. In the second year, a student opting for Humanities has a choice of three courses from the School of Humanities and one from the School of Social Sciences. Students opting for Social Sciences will follow a similar pattern. At the end of the second semester (First year), depending on the vacancies, a student can exercise his/her option of change of programme/subject after following the prescribed formalities. During the third year, a student has to select any two clusters of two courses each (one as main and the other as the next option) and one course either from Humanities/Social Sciences or from other Schools in the University.

The minimum eligibility requirements and the schedule of written test for admission to the above courses are given in a tabular form at chapter 2 of this Prospectus-cum-Application form.

Selection Procedure

The following procedure shall be followed for selecting the candidates for different Master's degree (5-year Integrated) courses :

- All eligible applicants will be called for the written test to be held at different centres as at **Chapter 2** of this brochure.
- The written test will be in the form of objective type questions of +2 standard of two hours duration to be answered in the OMR sheet with black/blue ball point/sketch pen. There is a possibility of negative

marking for wrong answers. Specific instructions will be given in the question paper/answer book.

Other weightages

- a) Weightage for distinction in Sports/Cultural activities will be given as stated at **Chapter 2** of this brochure.
- b) KVPY Scholars, participants of National Olympiad and the 1st rankers of different Boards at +2 level are exempted from the written test. They are awarded the marks equal to the average of the first 64 students from our entrance examination in lieu of written test.
- c) Weightage for candidates from Backward District: Weightage may also be given to the candidates belonging to backward districts and pursued their education upto +2 level in those districts as per the classification/notification of backward districts by the Government of India, for which duly certified proof of residence and education in those districts would be required. 4 marks will be given to the candidates belonging to backward District under 1st quartile and 2 marks to the candidates belonging to the backward Districts under 2nd quartile.
- d) Weightage for Linguistic Deprivation : 2 marks of weightage may also be given to those who pursued their +2 level education in non-English medium which may be evident from their educational certificate. In its absence, the applicants should enclose a copy of the medium of instruction certificate issued by the Head of the college or institution where they have studied their +2 level education.

The following criteria shall be followed, one after the other, to resolve the ties, where candidates secure the same marks in the entrance examination:

- (a) *First criterion:* Marks obtained in the entrance examination (written test).
- (b) *Second criterion:* Marks obtained by the candidates in the qualifying examination (at +2). If the final result is not available, then the marks up to the 1st year will be taken into account.

(c) *Third criterion:* Marks obtained in the next lower public examination (SSC/Matriculation or equivalent).

Candidates whose result of the qualifying examination (+2) is not declared may also apply for admission as stated at **Chapter 2** of this brochure.

University Centre for Earth and Space Sciences (UCESS)

University Centre for Earth and Space Sciences (UCESS) was set up at the University of Hyderabad (UoH) during December, 2004 to initiate inter-disciplinary and inter-institutional (industry, R&D laboratories and academia) research and teaching programmes. The hallmark of the Centre, indeed, lies in using synergy between the Earth - Oceanic and Atmospheric realms, Space and Information Sciences to train the technical man power and promote knowledge-driven and job-led economic development of the country. The Centre has strong internal linkage with the Faculty of Physics, Chemistry, Life Sciences, Computer Sciences and Centre for Modeling and Simulation Design (CMSD) on the campus of the University of Hyderabad, and with National Laboratories such as National Geophysical Research Institute, Atomic Minerals Directorate, Indian National Centre for Ocean Information Services (Ministry of Earth Sciences, Government of India), and Industry viz., National Mineral Development Corporation Ltd., and Baldota Industries.

UGC has recognized the Centre and granted faculty and research grants through their Innovative Research Program.

Programmes of Study

The Centre offers one-year and two-year duration postgraduate programmes in collaboration with the National Geophysical Research Institute, Atomic Minerals Directorate and Mining Industry, National Remote Sensing Centre, Indian National Centre for Ocean Information Services (Ministry of Earth Sciences), and also a number of highly focused short term refresher courses to enable cadres to update their knowledge and skills and improve their employment opportunities. Most importantly, the man power trained at the Centre would have the competence to develop new cutting-edge technologies.

M. Tech. in Mineral Exploration

This is a four semester programme open to candidates with Masters degree in any branch of science with Mathematics as one of the subjects at the B.Sc., level. **The admission is for both sponsored and non-sponsored candidates. Selection of candidates for admission will be based on their academic qualifications, written test and interview. The performance in the interview will carry marks. Therefore, eligible and interested candidates are encouraged to apply.** Sponsored candidates (or sponsoring agency) will pay fees as stipulated by the University. The geophysical field work expenses will be borne by the respective sponsoring organization.

M. Tech program is of 4 semester course. The first two semesters involve course work followed by 20 credits of dissertation during the third and fourth semesters. The courses and labs include: (1) Gravity, Magnetic, Seismic, Electrical & Electromagnetic Methods, Gamma-Ray Spectrometry, (2) Geostatistics, Mathematical Modeling & Quantitative Methods, (3) Nuclear Geology, Isotope Geochemistry & Instrumental Techniques of Analyses (4) Geochemical Exploration, (5) Spatial Data Management and Remote Sensing, (6) Special Topics, and (7) Geological and Geophysical Field Training for 10 weeks. The third and fourth semesters involve 20 credits of dissertation. The dissertation work may be carried out either at the University of Hyderabad or at the respective host organization of the sponsoring candidates or at any recognized R&D lab/industry.

Note: Those candidates who do not wish to continue after successfully completing the first two semesters of course work of the M. Tech. programme, would be offered an "Advanced P.G., Diploma in Mineral Exploration", provided they complete 8 credits of project work.

Advanced P.G. Diploma in Mineral Exploration

This is a two semester course programme identical to **M.Tech.** with 8 credits of Project work. **Though the admission is meant for sponsored candidates only, non-sponsored candidates may also be considered for admission. Selection of candidates for admission will be based on their academic qualifications, written test and**

interview. Sponsored candidates (or sponsoring agency) will pay the fees as stipulated by the University. The geophysical field work expenses would be borne by the respective sponsoring organization.

M. Sc in Ocean and Atmospheric Sciences

This is a four semester programme open to candidates with Bachelor's degree in any branch of science, who have studied mathematics and physics as compulsory subjects at the B.Sc level, or B.Tech degree in civil/mechanical/electrical. **The admission is for both sponsored and non-sponsored candidates. Selection of candidates for admission will be based on their academic qualifications, written test and interview. The performance in the interview will carry marks. Therefore, eligible and interested candidates are encouraged to apply.**

Total number of seats/intake is 15, of which 5 seats are for the candidates sponsored by the Indian National Centre for Ocean Information Services, Ministry of Earth Sciences. Both sponsored (sponsoring agency) and non-sponsored candidates will have to pay the fee as prescribed by the University.

Ph.D. in Earth and Space Sciences

The Center offers Ph.D. programme in Earth, Ocean and Atmospheric sciences, remote sensing, environmental sciences, water resources and closely related areas of other branches of science.

Laboratory and Computer Facilities

All the students would be utilizing well developed state-of-the-art facilities of the University of Hyderabad, National Geophysical Research Institute and Atomic Minerals Directorate.

A Mobile Geophysical Laboratory, equipped with Electrical Resistivity meter (ABEM Terra meter), Proton Precession Magnetometer, Spinner Magnetometer, T-VLF etc., is available for field training. Gravity meter and portable analytical instruments will soon be added for conducting detailed geophysical, geological and environmental related investigations. Use of state-of-the-art High Performance Computing facility with supporting

softwares such as ISATIS, MATHEMATICA, MATLAB, ArcGIS, Geosoft, ERDAS etc., at the Centre for Earth & Space Sciences, and High Power Computing facility at the Centre for Modeling, Simulation and Design of the University of Hyderabad.

Field work

Students of M. Tech/ Advanced P. G. Diploma in Mineral Exploration would be undergoing intensive field training programme of 10 weeks duration with emphasis on geophysical exploration techniques under the supervision of experts from AMD, NGRI, University of Hyderabad etc.

Marine Cruises

Students of M. Sc in Ocean & Atmospheric Sciences would be undergoing intensive offshore cruise programme of 8 weeks duration with emphasis on ocean and atmospheric data acquisition, marine instrumentation etc. under the supervision of experts from NCAOR, INCOIS, and University of Hyderabad etc.

Activities of the Centre

The activities of the Centre are integrated with socio-economic development of the region, with need based inter-disciplinary programmes, which benefit both the candidate and the society.

Research

The Centre currently executes research projects in water resources management, ocean processes, ocean models and climate forecasts, paleoceanography, geophysical applications in mineral exploration, and environmental sciences (funded by UPE, UGC, MoES, ISRO, NRB, PURSE Grant etc.).

Out-reach Programmes

Management of water resources, reclamation and utilization of bad-lands, environmental management etc. Popularization of earth sciences among school children and public.

Workshops/Training Programmes

Apart from M.Sc., M. Tech., Ph.D. and P.G. Diploma Programmes, the Centre organizes training programmes in

Earth & Space Sciences and highly focused short-term refresher courses to enable cadres to update their knowledge and skills and improve their employment opportunities. Most importantly, the programmes are designed to enhance competence to develop new-cutting edge technologies.

Faculty

Prof. A.C. Narayana, Earth Sciences (**Director of the Centre**)

Dr. V. Chakravarthi, Applied Geophysics - Gravity & Magnetic

Dr. S. Sri Lakshmi, Geophysics

Prof. D. Arun Agarwal, Computer Sciences

Prof. K.P.N. Murthy, Physics

Prof. C. Raghavendra Rao, Computer Science

Dr. Rajeev Wankar, Computer Sciences

Faculty from the Schools of Physics, Mathematics, Statistics and Computer Sciences, Life Sciences, and Chemistry of University of Hyderabad.

Visiting Professors

Dr. Chaitanya Baru, Computer Science-IT, San Diego Supercomputer Centre, Univ., of California, USA

Dr. Shailesh Nayak, **Secretary**, Ministry of Earth Sciences

Prof. Peter Molnar, Geophysics, University of Colorado, USA

Prof. Randy Keller, Geophysics, University of Oklahoma, USA

Prof. S.K. Tandon, Earth Sciences, formerly University of Delhi

Prof. R. Tatavarti, Ocean Dynamics & Modeling, formerly NPOL, DRDO

Guest Faculty

Scientists from Atomic Minerals Directorate

Scientists from National Geophysical Research Institute

Scientists from Indian National Centre for Ocean Information Services

Sri T. Suryanarayana, Geostatistics, (formerly National Mineral Development Corporation)

Sri V. Kameswara Rao, Geostatistics, National Mineral Development Corporation

Prof. B.L. Deekshatulu, Remote Sensing & Image Processing

Prof. A. Narayana Swamy, Remote Sensing, Andhra University

Prof. I.B. Ram Prasad Rao, Geophysics, Osmania University

Prof. S. Murali, Geophysics, Osmania University

Dr. B. Rajendra Prasad, National Geophysical Research Institute

Dr. S.S.C. Shenoi, Physical Oceanography, INCOIS

Dr. M.M. Ali, Satellite Oceanography, NRSC

Dr. M. Ravichandran, Ocean Dynamics, INCOIS

Sri G.R.K. Murthy, formerly from NPOL, Cochin

Prof. B.V.S. Murthy, Geophysics, Osmania University

Prof. Vishwas Kale, University of Pune

Dr. Kalachand Sain, National Geophysical Research Institute and faculty from National R&D Labs and Universities from India & Abroad

Advanced Centre of Research in High Energy Materials (ACRHEM)

Advanced Centre of Research in High Energy Materials (ACRHEM) focuses on interdisciplinary research aimed towards achieving an understanding of theoretical and experimental aspects of the Physics, Chemistry, Mathematics and Statistics of processes involved in High Energy Materials, along with the Electronics and Photonics instrumentation involved.

The Centre's goal is to develop state of the art facilities and techniques for quantifying the properties of high energy materials (HEMs) and energetic processes. This is done through experiments with lasers, theoretical calculations and computational modeling, and synthesis of novel HEMs and nano-energetics. ACRHEM also aims for high quality teaching with student-faculty ratio highly favorable for individual attention. The centre has various ongoing research programmes both in experimental and theoretical fields to train Ph.D. scholars in fundamental as well as applied areas of Physics, Chemistry, Mathematics and Statistics of processes involved in High Energy Materials.

The following Broad Areas of Research are being pursued at ACRHEM: Synthetic and Computational Chemistry, Computational Physics, Computational & Mathematical Modeling of chemical kinetics of HEMs; THz generation/characterization using photo-conducting antenna, Surface Plasmon characterization and applications; Laser induced shock wave generation and characterization; 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 and synthesis; tools used include ultrashort pulse lasers in the picosecond/femtosecond time domain and fast detection systems, and smart strategies; Polymer Sciences involving HEMs; Research in Cavitation and Sonoluminescence; Density functional study of HEMs involving electronic structure and mechanical property calculations; Modeling combustion phenomena; Modeling the physics of the release of energy by HEM; Modeling of mathematical and statistical processes of a mixture of HEMs; Material Sciences of HEM; Novel HEM and nano-materials/nano-structures. **Prof. Surya P. Tewari** is the **Director of the Centre**.

More details at www.acrhem.org. The University website may also be referred to further details.

Programs of Study:

Ph.D.: Admission to the Ph.D. programme is open to M.Sc., M. Phil. and B.E./B.Tech. qualified students. This is a research programme with students undertaking research under the supervision of faculty member, on a topic approved by the Centre. The student is required to show satisfactory progress throughout the period of research as well as fulfill other requirements prescribed by ACRHEM. Requirements for successful completion of the programme leading to the award of a Ph. D. degree in physics, chemistry or mathematics, include submission of research results in the form of a thesis and defense of the thesis in a viva-voce examination. Approximately **5 Physics + 2 Chemistry** (one in Synthetic Chemistry and one in Computational Chemistry, if new faculty joins ACRHEM) Ph. D. positions are available during the 2012-13 academic year.

Specialized courses being offered by the Centre may also be taken as optional courses by M.Sc., M. Phil., and M.Sc. (5-year Integrated) students from other schools. Courses being offered and proposed by ACRHEM include courses on Nonlinear Optics, Ultrafast Optics, Combustion Phenomena, Shockwaves & Detonations, Computational Material Science, Polymer Physics and Polymeric Fluids,

Fluid Dynamics, Lasers, Spectroscopy, High Energy Materials, Solid State Physics, Electronic Structure theory, etc., aiming to give students a strong training in both experimental as well as theoretical fields. Ph.D. coursework up to a total of 12-16 credits is mandatory for all the students.

In addition to the Ph.D. programme, ACRHEM also takes Junior and Senior Research Fellows. The duly filled application on the prescribed format of the University should be accompanied by a write up on a plain paper on the purpose and intention of research in HEM as envisaged by the applicant and his / her particular area of research interest.

Entrance Examination:

For admission to the Ph.D. programme in ACRHEM there will be a written test and an interview as per the schedule of the University. The material covered in the written test will be based on the typical M.Sc. syllabi of Indian Universities in Physics, Chemistry, Mathematics & Statistics. The examination will consist of two parts, Part A and Part B. Part A will consist of 25 objective questions of one mark each, which is compulsory. Part B will consist of three sections -- Physics, Chemistry and Mathematics & Statistics, each having 25 questions. One can answer ONLY 25 questions. Each correct answer gets 2 marks in part B. Those who qualify after writing this entrance examination will then be called for an interview as per the norms of the university. Those who qualify for interview after appearing in the entrance examination of the School of Physics, Chemistry or Mathematics, may also opt to appear for the interview at ACRHEM for admission to the Centre's Ph.D. programme: such interviews shall be scheduled as per requirement.

Infrastructural facilities:

Besides the facilities available in different Schools and Centres of the University, ACRHEM brings the following additional infrastructure to the University pool:

1. Ti:sapphire femtosecond oscillator [MICRA, Coherent] and femtosecond/picosecond amplifiers (~2.5 mJ) [LEGEND, Coherent] with OPA

[TOPAS/DFG, Light Conversion, tunable from 250 nm to 20 μ m]

2. High power Nd:YAG nanosecond laser system with fundamental, second, third and fourth harmonics (Innolas, 1.3 J in fundamental); Dye laser system (Radiant Dyes) pumped by Nd:YAG laser along with frequency mixing option tunable in the range of 300 nm to 3.0 μ m
3. Dynamic vibration isolation optical tables (Newport SmartTable™); Low power and High power He-Ne lasers
4. Diode lasers (high power and tunable), Three dimensional nanopositioners, Power/Energy meters, Delay stages and controllers.
5. Boxcar Integrator, Single Shot Autocorrelator, Fast photodiodes, lockin amplifiers, high-power ns/ps/fs optics.
6. Fully fledged synthetic chemistry labs including equipment such as Dynamical Mechanical Analyzer, Bomb Calorimeter, Fume Hoods etc.
7. Hand-held Spectrometers, Fast oscilloscopes, CCD/Vidicon cameras, mid-IR detectors, Single photon detector etc.
8. Mercury Cadmium Telluride Detector (up to 26 μ m), IR Viewer, Laser Beam Profiler.
9. Intensified CCD's integrated with Michelson spectrograph.
10. Tunable Ti:sapphire oscillator (Chameleon, ~140 fs pulse duration) and pulse shaper (Sihouette, Coherent)
11. High power picosecond laser system (80 mJ, 30 ps).
12. Tunable diode laser in the telecommunications spectral range
13. Waveguide/Fiber Optic stages for critical alignment.
14. Optical Spectrum Analyzer (Yokogawa)
15. Low temperature optical cryostat.
16. Vacuum chambers, Rotary Vacuum Pumps, Spin Coaters, Material characterization facilities.
17. Electron beam gun, RF Sputtering, Thin film fabrication facility etc.
18. R.F. Spectrum Analyzer with antennas (1 MHz – 330 GHz)
19. Several UPS Systems

Computer & Library Facilities:

All research workers have personal computers connected to the network of the University with wireless network facility so that internet and e-mail facilities are directly accessible from laboratories and faculty offices. Access is available to a large number of books and journals through the University library, as well as the Centre's library. Access to the University's CMSD / HPCF computer facility is additionally available for simulation work. We are also procuring 12 64-bit Terabyte systems with 16GB RAM.

Faculty

Prof. S. P. Tewari, Ph.D. (Delhi) - Quantum Optics, Nonlinear optics (Theory) (**Director of the Centre**)

Prof. S. Mahapatra, Ph.D. (IIT, Kanpur) - Theoretical Chemical Dynamics, Non-adiabatic Processes (Theory)

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

Dr. S. Venugopal Rao, Ph.D. (Hyderabad) - Nonlinear Optics, Decomposition of High Energy Materials using ultrafast spectroscopy, Nanophotonics, Ultrashort laser pulses, Femtosecond laser direct writing. (Experiment)

Dr. P. Prem Kiran, Ph.D. (Hyderabad) - Laser - matter interaction, Spatio-temporal evolution of laser induced shock waves; Nonlinear Optics; Nanophotonics; Propagation of Ultrashort, intense femtosecond pulses in atmosphere. (Experiment)

Dr. G. Manoj Kumar, Ph.D. (Hyderabad) - Laser induced breakdown spectroscopy, Spontaneous Emission modification, Interferometry for RI, thickness measurements, Combustion modeling. (Experiment)

Dr. B. Ashok, Ph.D. (Massachusetts Amherst, USA) - Theoretical Soft Matter Physics, Polymer Physics & Complex Fluids, Instabilities, Nonlinear Dynamics of Complex Systems, Sonoluminescence & Cavitation. (Theory)

Dr. 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)

Associate Faculty

Chemistry:

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

Prof. D. Basavaiah, Ph.D. (Banaras Hindu University) F.A.Sc., F.N.A Organic and Bio-Organic Chemistry (Experiment)

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

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

Dr. K. Muralidharan, Ph.D. (IIT, Kanpur) Synthetic main group chemistry and polymers

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

Physics:

Prof. C.S. Sunandana, Ph.D. (IIT, Madras) Condensed Matter Physics (Experiment)

Prof. K.P.N. Murthy, Ph.D. (Hyderabad) Monte Carlo methods in statistical physics and in radiation transport; Walks and first passage time problems in regular and disordered lattices; Self avoiding walks; Stochastic processes; Nonlinear dynamics and chaos. (Theory)

Dr. M. Ghanashyam Krishna, Ph.D. (IISc, Bangalore) Nanostructured materials, Thin Films and Sensors (Experiment)

Dr. K.C. James Raju, Ph.D. (IIT, Chennai) Materials, Processes, Phenomena and characterization techniques in the MW range, Ferroelectric thin films and applications, Microwave Electronics. (Experiment)

Dr. S.L. Sabat, Ph.D. (Berhampur) Digital Signal Processing and Embedded Systems.

Dr. N.K. Viswanathan, Ph.D. (Hyderabad) Interferometry, Fiber Optics, Polymer Optics (Experiment)

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

Mathematics, Computer & Information Sciences:

Prof. C.R. Rao, Ph.D. (Osmania University) Simulation & Modeling, Knowledge Discovery

Prof. Arun Agarwal, Ph.D. (IIT Delhi) Image Processing, Pattern Recognition and Neural Networks

Dr. R. Wankar, Ph.D. (Devi Ahilya) Parallel and Grid Computing, Analysis of Algorithms

Engineering Science & Technology

Dibakar Das, Ph.D.(IIT Bombay) Functional ceramics, Magnetic Materials, Chemical Mechanical Planarization (CMP) (Experiment)

Centre for Health Psychology

Health Psychology is a holistic approach to Health and Well being. The holistic approach shifts the emphasis of health from biomedical to biopsychosocial model. 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 health care system.

Prospects of Health Psychologists

- They work closely with medical professionals
- They can also work independently as Consultant Health Psychologists
- They can do research and examine the interaction of biological, psychological and social factors affecting health and illness
- They provide counseling for psychosocial problems that illness may create
- They develop worksite interventions to improve employee's health habits
- They work as consultants in organizations to improve health and health care delivery

About the Centre

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 chronic illness, quality of life, neuropsychological studies, ICU trauma, reproductive health, psycho oncology, disability studies, resilience studies, and peace studies.

Infrastructure

The Centre is equipped with a Experimental Laboratory, Counseling Laboratory, Behaviour Technology Laboratory, and Sleep Laboratory. The Experimental Laboratory has modern instruments and about 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 trains students in relaxation therapy using Biofeedback, Neurofeedback, and other Behaviour Therapy techniques. The Sleep Laboratory is equipped with Polysomnography system to conduct research related to sleep.

Programmes of the Study

The Centre offers the following Courses:

- M.Sc. (5-year Integrated) in Health Psychology
- Two year M.Sc in Health Psychology

- Ph. D Programme in Psychology.

Entrance Examination

The Admission to M.Sc. (5-Year Integrated) course in Health Psychology is based on the performance in the national level written test conducted by the University.

There is no interview.

The Admission to two year M.Sc. in Health Psychology and Ph.D. programme in Psychology are through a national level written examination conducted by the University followed by an interview.

- The test for admission to **M.Sc. (5-year Integrated)** in Health Psychology will assess their aptitude in Psychology and proficiency in English.
- The test for admission into **M.Sc.** Health Psychology will assess their knowledge in Psychology and proficiency in English.
- The test for admission to **Ph. D.** Programme will assess their knowledge in Psychology, Research Methodology and proficiency in English language.

Faculty

Professor

Prof. Meena Hariharan, Ph. D. (Utkal) – Stress & Coping, Invulnerability (**Director of the Centre**)

Reader

Dr. M. Thomas Kishore, M.Phil. (M&SP), Ph.D. (Clin. Psy.) – Clinical and Neuropsychology

Assistant Professors

Dr. G. Padmaja, M.A., M.Phil, Ph.D. – Counseling Psychology and Health Psychology

Dr. Meera Padhy, M.A, M.Phil, Ph.D. –Developmental and Educational Psychology, Health Psychology

Dr. N.D.S. Naga Seema, M.A. Ph.D. – Stress, Reproductive Health and Yoga

Dr. B. Sushma, M.A., Ph.D. - Health Psychology, Wellbeing, Stress and Resilience, Educational Psychology

Dr. Suvashisa Rana, M.A. (Gold Medal), M.Phil., B.Ed. (SE-MR), Ph.D. – Developmental and Educational Psychology, Social Psychology and Peace, Positive Psychology, Test Construction

Visiting Faculty

Prof. J.P. Das, Emeritus Professor, University of Alberta

Prof. A.S. Dash, Retd. Professor, Utkal University

Prof. Kalyana Sundaram, Retd. Deputy Director, National Institute of Nutrition

Prof. T.S. Saraswathi, Developmental and Cross Cultural Psychologist

Dr.S P K. Jena, Associate Professor, Dept. of Applied Psychology, Delhi University

Guest Faculty

Dr. Ravi Kumar Saxena, Oncologist, Indo American Cancer Centre and Global Hospitals

Dr. Kalpagam Polasa, Scientist 'F', National Institute of Nutrition, Hyderabad

Dr. B. Seshi Keran, Director, National Institute of Nutrition

Dr.M.S.Reddy, Psychiatrist, Asha Hospital, Institute of Psychiatric Medicine & Counseling

Prof. Manju Mehta, Professor of Clinical Psychology, In Charge of Child and Adolescent Psychiatric Clinic, All India Institute of Medical Science, New Delhi

Prof. Ahalya Raguram, Head, Department of Mental Health and Social Psychology, NIMHANS, Bangalore

Dr.Saroj Arya, Clinical Psychologist, NIMH, Hyderabad

Dr. K. Niranjan Reddy, Clinical Psychologist

Ms. Lalitha Raghuram, Country Director, MOHAN Foundation, India

Centre for Neural and Cognitive Sciences

The Center for Neural and Cognitive Sciences is an interdisciplinary research center focusing upon the areas of linguistic cognition and cognitive systems. A truly interdisciplinary center, it brings together Faculty and researchers from various disciplines such as physics, linguistics, computer science, neurobiology and philosophy to ponder upon the nature of cognition. Within the short span of its existence the center has received considerable international attention. The Center has a well-equipped laboratory with computing, ERP, Voltage/ Current Clamp and eye-tracking equipment, and offers research programs in neural and cognitive sciences at the M.Phil. and Doctoral levels. The Center has been offering post-graduate courses at the interface of linguistics, philosophy and neurosciences for students majoring in the sciences and the humanities. It has received generous assistance from the University Grants Commission towards major research projects and infrastructural facilities under their Innovative Programs Scheme. The Center is on the network of the National

Initiative of the Department of Science and Technology on Cognitive Science Research and has received substantial grants from them. It has received substantial support from the Department of Biotechnology under the Nanoscience Initiative.

Professor S. Bapi Raju is the **Coordinator of the Center** and **Professor Gautam Sengupta** is the Associate Coordinator.

Programs of Study

The M.Phil. programme in Cognitive Science consists of 16 credits of course work followed by a dissertation. The course work, to be completed within one semester, covers the following topics:

- Formal and Computational Approaches to Cognition: meaning, learning and reasoning
- Empirical Bases of Cognition
- Language, Philosophy and Cognition
- Topics in Cognitive Science: Dissertation Oriented Readings
- Statistical methods and Research Methodology

The Ph.D. programme in Cognitive science involves an additional 16 credits of dissertation-oriented readings in the second semester of the program, followed by a dissertation.

Eligibility for Admission

For M.Phil. and Ph.D.: Master's degree in any discipline in the Humanities or Social or Natural Sciences with at least 55% marks. Selection is made on the basis of a written test followed by an interview.

Faculty

Professor S. Bapiraju, Department of Computer and Information Sciences (**Coordinator of the Centre**)

Professor Gautam Sengupta, Center for Applied Linguistics & Translation Studies (Associate Coordinator of the Centre)

Dr. Joby Joseph, Reader and Ramanujan Fellow of the DST, is the full time faculty member of the Centre.

The following faculty members in various Schools and Departments are also associated with the Centre:

Professor Vipin Srivastava, School of Physics

Professor A. K. Pujari, Department of Computer and Information Sciences

Professor Amitabha Das Gupta, Department of Philosophy

Professor P. Prakash Babu, Department of Biotechnology

Dr. Prajit K. Basu, Department of Philosophy

Dr. Vineet C. Padmanabhan Nair, Department of Computer and Information Sciences

Dr. S. L. Sabat, School of Physics

Dr. S. K. Udgata, DCIS

Dr. Somsukla Banerjee, CALTS

The Center is in the process of inviting some more Faculty members to join the forum.

Centre for Women's Studies

The Centre for Women's Studies (CWS), at the University of Hyderabad is an interdisciplinary centre in the Schools of Social Sciences, Humanities, Performing Arts, Communication, Management, and Natural Sciences. It is a stand alone centre collaborating with different faculty and schools. It has a Advisory Board comprising of members from different Schools, and members from different Organizations and Universities, to run its day to day affairs. The University of Hyderabad had a Women's Studies Cell that has been operational since 1984. This was alternatively located in the School of Social Sciences and School of Humanities. The Cell offered a course titled *Social Construction of Gender* as an optional course for M.A. It successfully organized various seminars and workshops and carried out many Projects. This Cell has now been upgraded to a Centre from June 2007 onwards.

Aims and Objectives

- To actively coordinate courses on gender and women in different departments, introduce new areas of gender research.
- Build a systematic data base on gender issues.
- Work towards a Master's programme in Women's Studies and thus enhance the emphasis on inter-face studies in the University as a whole.
- To main stream gender issues in teaching and research.
- Work towards the empowerment of women.

Programme of Study

The Centre offers an **M.Phil.** and **Ph.D.** programme in Gender Studies.

The **M.Phil.** programme is of two semester duration which includes course work and dissertation. The first semester is devoted for course work consisting of 4 courses of 4 credits each. The second semester is devoted for the preparation and submission of M.Phil. dissertation.

Ph.D. students who have not done an M.Phil need to do the course work. Ph.D. students can also take courses related to Women and Gender offered by other departments.

Entrance Examination

M.Phil and **Ph.D.** Examinations assess the students on writing, major essay, short essays and short notes on key concepts in women's studies, understanding of social and developmental issues. In general, candidates interested in pursuing their studies in the Department are assessed in their intensive knowledge of gender studies and also their ability to comprehend general concepts in women's studies along with their skills in writing about gender studies in a comprehensive way. Students seeking admission to the M.Phil. and Ph.D. courses must also take a Viva-Voce examination.

M.Phil. pattern consists of objective type questions, short answers, concepts and long answers. Part - A consists of objective type questions/Concepts (maximum of 25 marks), Part - B, consists of four short answers (maximum of 20 marks) and 2 essays (maximum of 30 marks) related to concepts in women's studies, women's issues, understanding of social and developmental issues. The total marks is 75 for the written exam and 25 for the Viva-Voce examination.

Students are expected to come prepared with a Research Proposal for their Viva Voce examination.

Ph.D. It consists of three parts. **Part A** Consists of Five questions on concepts (maximum of 25 Marks), **Part B** consists of four Short Answer, questions related to Women's/Gender Studies (maximum of 20 marks) and **Part C** consists of Two essay type questions related to Women's issues and research methodology, understanding of Social and development issues, including project proposal (maximum of 30 marks). The total Marks are 75

for the written exam and 25 for the Viva-Voce Examination.

Areas of Research

- * Gender Studies, Development Studies, Cultural Studies, Masculinity Studies, Transgender Studies, Feminist Studies, Gendered Economics, Film and Media Studies, Theatre Studies, Women in Sciences, Disability Studies
- * Women's movement, Gender and Writing/ translation, Women and politics, women and Religion, women, Society and Law, Women's History, Women and Human Rights, Women and Body politics, Women and Violence, Sexuality Studies, Migration labour and Women, Women's work, Gender and Discrimination, Gender empowerment, Women and Health, Women and Environment.

Joint Faculty

Rekha Pande, Ph.D. (Allahabad): Women's History, Women's Movement, Women and Religion, Violence against Women, Women and Globalization with special emphasis on Women's work in Agriculture and the ICT sector (**Coordinator of the Centre**).

Bindu A. Bambah, Ph.D. (Chicago): Particle Physics, Non Linear Dynamics (T), Women Science and Gender Issues in Science

Sita Vanka, Ph.D. (Osmania University): Public Policy, Human Resources Management, E-Governance, Entrepreneurship and Women Studies

Tutun Mukherjee, Ph.D. (Osmania University): Literary Criticism and Theory, Translation, Women's Writing, Theatre and Film Studies, Culture Studies

Jyoti, Ph.D. (Osmania University): Organizational Behaviour, Human Resource Management, Organizational Development, Entrepreneurship

Anita Jagota, Ph.D. (JNU): Neurodegeneration and Brain Aging, Molecular Chronobiology, Cellular and Molecular mechanism underlying Post embryonic neural development. Identification of environmental and social factors influencing age related sleep disturbances in women

Ajailu Numai, Ph.D. (JNU): Gender, Non-Governmental Organizations (NGO's) and Development, Child and Society, Indian Diaspora, Philanthropy

Core Faculty:

K. Suneetha Rani, Ph.D. (Hyderabad) – Women's Studies, New Literatures in English, Cultural Studies, Comparative Literature, Translation

Deepa Srinivas, Ph.D. (EFLU, Hyderabad) – Cultural Studies, Critical Pedagogy, Popular Culture, Historiography, Childhood Studies

Centre for Buddhist Studies

Centre for Buddhist Studies, established on August 8, 2009 as a 'Stand Alone Centre', is an exemplification of the university's magnanimous vision that affirms the *raison d'être* 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 has also received the grant from UGC under the Epoch Making Social Thinkers of India Project.

The centre functions under the guidance of an Advisory Board of eminent scholars and educationists, viz., Professor Namwar Singh, Emeritus Professor, Jawaharlal Nehru University, Professor Bhikshu Satyapala, Head, Department of Buddhist Studies, University of Delhi, Professor Bimalendra Kumar, Head, Department of Pali & Buddhist Studies, Banares Hindu University, Professor Baidyanath Labh, formerly Head, Department of Buddhist Studies, University of Jammu, Professor Asha Mukherjee, ex-chair, Department of Philosophy & Religion, Vishwa Bharati, Santiniketan as external members; and the Deans of School of Social Sciences, School of Humanities, and School of Management Studies of University of Hyderabad as the internal members. The Vice-Chancellor is the Chairman of the Advisory Board; and Dr C.B.Varma, the Coordinator of the centre, is the ex-officio Member Secretary of the Board.

Further, the university has entered into a memorandum of understanding with Sitagu International Buddhist Academy, Myanmar to promote its teaching programmes.

Programmes of Study

The centre has introduced Ph.D. programme in Buddhist Studies since July 2010. The admitted candidates are required to pass the compulsory course works comprising

four papers, each being a 4-credit course vide the guidelines of UGC, which is prerequisite for submission of the thesis for examination on a topic of prior approval from the Supervisor(s) appointed by the centre. The Ph.D. examination is conducted as per the university rules.

As of now 50% of the students registered for Ph.D. in Buddhist Studies are from overseas.

Entrance Examination

The centre conducts an All India Entrance Examination through the Office of Controller of Examinations of the university. The questions of the entrance test are based on Buddhist teachings, philosophy, history and literature with particular reference to the Pali texts and Original Buddhism.

The written examination carries 75 marks and has 2 sections:

Section A: Objective (45 marks)

Section B: Descriptive (30 marks).

The candidates, who qualify in the written test are called for interview (25 marks) for final selection. The admission forms are downloadable from the university's web site: <http://www.uohyd.ac.in>

A foreign national or an international student may apply to Director, International Affairs, University of Hyderabad for the scrutiny of his/her applications on a prescribed format and may send a copy to Chairman, Admission Committee, Centre for Buddhist Studies. The forms for the international students are downloadable from <http://www.uohyd.ac.in>.

Eligibility for admission to Ph.D. programme for 2012-13

With atleast 60% marks in M.A. in i) Buddhist Studies
OR

ii) M.A. in Pali Language & Literature OR iii) M.A. in Humanities/Social Sciences with atleast one paper in Buddhism **OR** a candidate must have passed UGC JRF/NET in (a) Buddhist Studies (UGC subject code 60); or (b) Pali (UGC subject Code 83).

In case of an applicant with a foreign Master's Degree in the above areas must have proven proficiency in English in the above subject with atleast one paper in Buddhism

Dr C.B. Varma, D.Litt, Associate Professor of Philosophy & Buddhist Studies, is the **Coordinator** of the Centre.

Centre for Modelling Simulation and Design

PREAMBLE:

The study of passage from the micro world of atoms and molecules to the macro world of solids, liquid and gases calls for an understanding of a variety of phenomena in physics, chemistry, biology, technology and related areas. Atomic lasers, molecular computers, drug-receptor interactions, industrial catalysts, lubricants, and industrially important materials form part of this continuum and an understanding of this evolution needs all the three components of research, viz. theory, experiment and computation. Computer-based simulations now form an integral part of modern research methodology and in this era of science-driven-engineering and directed basic research, the role of scientific research, based on modeling, simulation and design, is of paramount importance. The primary requisite in using the third avenue of research for solving complex problems is a working, state-of-the-art High Performance Computing (HPC) center.

The University of Hyderabad, having expertise in many of the above areas, fully appreciates the inter-dependence of Science, Engineering and Technology, and launched a uniquely conceived new programme of higher education and research. This initiative was launched through an imaginative programme of the UGC (recognizing the University for its potential for excellence) by establishing a designated Centre for such activity (Centre for Modelling Simulation and Design – CMSD). This programme has been receiving generous support from DST under its FIST program.

CMSD aims to nurture cross-disciplinary bridges, which are effective in generating new knowledge and creative explorations. The human resources generated from such efforts will be invaluable. Training individuals and organizations in specific hardware and software, undertaking of consultancy and turnkey projects, help convert real life phenomena into appropriate mathematical

and computational models etc., are some of the important tasks that CMSD has embarked on. This Centre became operational from its new premises in December 2004, and is now launching its academic programmes.

One of the unique academic features of this Centre is that all the active computational scientists working in widely different academic disciplines in the University Campus are Associate Faculty of the CMSD, and contribute their expertise and experience in furthering its academic objectives. Some of the research interests of these Members include: Physics of low dimensional systems, Topological defects in fluids in restricted geometries, Critical phenomena in complex fluids and magnetic systems, Monte Carlo simulations and development of novel sampling techniques, Genomics and bioinformatics, Protein folding, Cognitive neuroscience, Computational intelligence, Natural language understanding, Very Large Scale Integration (VLSI), Quantum chemistry and Density Functional Theory, Molecular modeling, Drug design and delivery, Design of new materials etc

Short term courses have been so far conducted in the areas of Parallel Computing, Monte Carlo simulation, molecular modeling etc. It is now planned to start the PhD program in the area of Computational Science.

Programme of Study:

CMSD has been involved, over the past few years, in promoting and fostering multidisciplinary research programmes in *Advanced Computational Methods*, with focus on the core areas of Physics, Chemistry, Biology, Engineering Sciences and Computer Sciences, besides interest in related research areas like Finite Element Analysis as applied to Nanotechnology, Computational Fluid Dynamics, Ocean-atmosphere-climate Modelling, High-End-Visualization/Virtual Reality, Modelling and Simulation of large/complex Systems, etc.

The **Ph.D.** programme is offered on full time basis as per the university regulations. All the candidates interested in this programme will apply for admission to the Ph.D. programme in CMSD, designated in the application form separately. They should indicate clearly the linkage to the

subject area in which research will be taken up using advanced computational methods at the Centre. Eligible candidates will have to appear for a written examination (75% weight) followed by an interview for short-listed candidates conducted by the CMSD (25% weight).

Entrance examination

Admission to the **Ph.D.** programme will be based on a written entrance examination in one of the specified subjects, chosen by the candidate. This will be conducted by the respective School of study, and is the same as the one prescribed for admission of Ph.D. students to that respective School. (For example, a candidate interested in Computational Physics, will need to appear for an entrance examination conducted by the School of Physics). The results of the written test will be used for short-listing candidates for subsequent interview.

Interview: The Admission Committee of the CMSD will conduct the interviews to select suitable candidates for admission to the Doctorate Programme of the Centre.

Pre-PhD course work

The candidates admitted to the Ph.D. programme in the Centre will have to satisfy the following academic requirements to have their registration confirmed, - a prerequisite for continuation.

1. Student admitted to the Ph.D. programme in the Centre, is required to take certain courses (16 credits), prescribed by the respective Doctoral Committee, within a period of 1 year from the date of admission.
2. There will be a comprehensive examination at the end of the course work, comprising of written examinations in the subject areas suggested by the Doctoral Committee.
3. Successful completion of the comprehensive examination requires scoring at least 50% of marks in each of the written tests.
4. Comprehensive examination is normally conducted once in a year. Additional examination within an academic year may be conducted, as an exception, if

required and if it is recommended duly by the concerned Doctoral Committee.

5. In case of an unsuccessful first attempt in the comprehensive examination, the student has a second chance to take this (supplementary) examination again, after a gap of at least six months from the earlier one. There will be only one additional chance to clear this examination.
6. The registration of the student is confirmed on the recommendation of the Doctoral Committee after successful completion of the comprehensive examination.

Progress of the confirmed registrant will be reviewed by the Doctoral Committee as per the norms of the University, and a satisfactory progress every semester is needed for continuation of the registration.

COMPUTATIONAL RESOURCES at the CMSD:

Currently, CMSD is a 30.0 Teraflop Facility which is fully networked and consists of the following hardware:

- 6 SMP Systems with total of 192 CPUs [1 x IBM p690 (32 Power 4), 3 x IBM p690 (96 Power 4+), 1 x IBM p595 (64 Power 5)], 1 x IBM p595 (64 Power 5+) @ 2.3 GHz, 512 GBytes of main memory and 4 TBytes of storage.
- A CDAC PARAM SUN cluster consisting of 16 nodes (each with dual xeon processors) and 32 GB memory.
- High end workstations such as 6 x SGI Octone 2, 2 x SUN Blade 2000, 6 x IBM Intellistations etc.
- SGI Altix 4700 a 128 core (Dual Core, Itanium2 9150M 1.67 GHz) shared memory architecture based Unix server comprising of 512 GB RAM
- SGI Altix ICE 8200 EX Cluster [Enhanced] with 1024 core high performance, high throughput and high availability cluster comprising of 1 GB/core memory, built using Infiniband Interconnect.
- SGI XE1300, 2 x Quad core @ 3.0GHz, 4 GB RAM, 146 GB HDDA 128 core Windows CCS/HPC Cluster.
- SGI IS4600 x 2, 100 TBytes of shared Storage system (FC, SATA) for delivering very demanding data

intensive environment, leading to High Performance & Productive Computing Facility, through SGI Altix 450 x 2, 8 core, 48 GB RAM, Montvale 1.67 MHz storage servers.

- SGI Spectra T120 Library, 2 x LTO Gen-4 Drives scalable to 6, Spectralogic 100 slots and 60 units of Media, a good tape backup system to archive data with time stamping.
- Management Servers: SGI Altix 250 SERVER x9 (2U), 2 x Quad core, E5472, 3.00 GHz, 1600 FSB, 12MB Cache, 8GB RAM, 6 x 145GB SAS HDD/15K
- Parallel file system to allow bulk I/O operations.
- IBM POWER 7 - 755 Server with - 4 x 8 core 3.3 GHz Power 7 Processor, 2 x 146 GB DASD, 128 GB DDR3 RAM, Dual port 12x Infiniband HCA, 2 port 10/100/1000 Ethernet PCI Adapter, Primary OS – AIX – 16 Nos.
- IBM StoreWize V7000 based Storage with 60TB RAW Storage Capacity (30 x 2 TB Disks)

To support various application domain areas the following software are deployed on the above hardware: Accelrys Suite, Gaussian 2003, MOPAC, Relibase+, Molpro, ADF, GCG Wisconsin, SPSS, Mathematica, Statistica, GAMS, RATS, Matlab with toolboxes, CFX 5.7, 3D Studio Max, iSIGHT Pro, BOS, BEAMPRO, GAMESS, SPARTAN 2003, NAG Fortran SMP Library, Empire 3D V4.2, Ansys Multiphysics, AWR (Microwave Office), Full Wave Sonnet, ArcGIS, ArcMIS, Cadence, ISATIS, TURBOMOL, Image Processing S/W like ERDUS, etc.

VISUALIZATION FACILITY:

- NVIDIA Quadro FX 5600 Active Stereo Graphics Card
 - Windows XP Professional
 - 750GB SATA Disk Drives
 - 22" LCD Monitor
- SGI Image generator – VN200 system,
 - DVD Drive, 2xGbE Ethernet,
 - Two quad-core Intel Xeon E5462 2.8GHz processors
 - 16GB DDR2 800 REG ECC Memory

- NVIDIA Quadro FX 5600 Active Stereo Graphics Card
 - SLES10 Linux
 - 160GB SATA Disk Drives
 - 22" LCD Monitor
- Christie Mirage HD6 3chip stereo DLP projector and Lens
- Screen – 9ft x 6ft fabric
- Crosspoint 450 Plus 84HVA Matrix Switcher RGB for Video & Stereo Audio
- Video and Audio interface – Extron RGB109
- Audio Amplifier
- NuVision Active Stereo Glasses
- NuVision Stereo Emitters (mid range)
- Wireless AMX control system
- CEI Enight Application Software
- Remote Visualization Software Single User

Faculty

K.P.N. Murthy, Ph.D (Hyderabad) – Equilibrium and Non-Equilibrium Statistical Physics, Boltzmann transport equation; Nonlinear Dynamics and Chaos; Monte Carlo Simulation (**Director of the Centre**)

Resource Coordinator and Co-Project Investigator- HPCF

V.S.S. Sastry, Ph.D. (I.I.Sc., Bangalore) – Condensed Matter Physics, Magnetic Resonance, Computer Simulations

Academic Coordinator

K.P.N. Murthy, Ph.D (Hyderabad) – Equilibrium and Non-Equilibrium Statistical Physics, Boltzmann transport equation; Nonlinear Dynamics and Chaos; Monte Carlo Simulation

Associate Faculty:

C.K.Mitra, Ph.D. (TIFR) - Molecular biophysics, Electrochemistry of immobilized enzymes (biosensors), Studies on protein sequences (bioinformatics) and Nanobiotechnology.

Anand K Kondapi, Ph.D. (Andhra) – Molecular biology, drug development and delivery, Functional characterization of DNA Topoisomerases in oncogenesis, HIV infection, neurotoxicity and Brain aging

Sharmishta Banerjee, Ph.D (SKU) – Signal transduction, Molecular and Cellular Oncology.

Kottapalli Seshagirirao, M.Phil, Ph.D (UH) – Protein Biochemistry, Glycobiology, Medicinal Botany, Plant Systematics, Diversity and Conservation, Bioenergy Resource, Global Biodiversity Informatics

P Reddanna, Ph.D. (SVU) – Biochemical toxicology and drug discovery; Inflammation, allergy, asthma and Cancer.

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

Ashwini Nangia, Ph.D (Yale) – Supramolecular Chemistry, Crystal Engineering.

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

Susanta Mahapatra, Ph.D. (I.I.T. Kanpur) – Theoretical Chemical Dynamics, Non-adiabatic Chemistry (Professor-ARCHM)

K. Lalitha Guruprasad, Ph.D. (Osmania) – Structural Biology

C. Raghavendra Rao, Ph.D. (Osmania University) – Simulation & Modeling, Knowledge Discovery.

Rajeev Wankar, Ph.D. (DAVV, Indore, Parallel & Grid Computing.

Chakravarthy Bhagavati, Ph.D. (RPI, USA) – Image Processing, Computer Vision, Pattern Recognition.

A.P. Pathak, Ph.D. (IIT Kanpur), F.N.A.Sc., F.Inst.P. (London), C.Phys. – Atomic Collisions in Solids, Radiation Damage, Surface Physics, Superlattices & Heterostructures

Vipin Srivastava, Ph.D. (Roorkee) – Condensed Matter Physics, Neural Networks, Brain Function Modeling

S.P. Tiwari, Ph.D. (Delhi) - Quantum Optics, Nonlinear Optics

S. Chaturvedi, Ph.D (Waikato, NZ) F.A.Sc. – Space Quantum Field Theory, Stochastic Processes, Non-Equilibrium Phenomena

Rajender Singh, Ph.D (Delhi) – Condensed Matter Physics, Ultrasonics, Superconductivity and Magnetism

S. Dutta Gupta, Ph.D. (Moscow) – Nonlinear Optics

Bindu A Bambah, Ph.D. (Chicago) – Particle Physics, Non Linear Dynamics

Ashok Chatterjee, Ph.D (Jadavpur) – Condensed Matter Physics

G. Rajaram, Ph.D. (TIFR, Bombay) – Condensed Matter Physics, Magnetism and Superconductivity, Device Fabrication.

Janaki Balakrishnan, Ph.D (Delhi) – Dynamical systems, stochastic processes, problems motivated by biology, quantum field theory

Naresh Kumar Sharma, Ph.D. (ISI, Delhi) – Development Economics, Agricultural Economics, Science and Technology, Gandhian Economic Thought.

Phanindra Goyari, M.Phil, (IGIDR Mumbai) – Econometrics, Mathematical Economics, Agricultural Economics and Model Building & Simulation in Economics

S. Mallikharjuna Rao, Ph.D. (Osmania), FICWA – Financial Management Strategic, General Management, Infrastructure Management and Health Care Financing.

B. Raja Sekhar, B.Tech (Civil-Nagarjuna), MBA (Osmania), Ph.D (Management-Kakatiya), M.Sc (Psychology-SVU), FDP (IIM, Ahmedabad) – Quantitative Techniques, Operations Management, Operations Research, Quality Management, Consumer Protection, Marketing Research and Supply Chain Management.

V. Sita, M.A., M.Phil, (University of Hyderabad), Ph.D (Osmania) – FDP (IIM, Ahmedabad), PG Diploma (HRM) – Public Policy, Human Resource Management, E-Governance, entrepreneurship & Women Studies.

Chetan Srivastava, PGCCA, MCSD, MBA (Mktg), MBA (HRM), MBA (Sys.) (Management – Osmania University) – Strategic Marketing, International Marketing, Advertising, Sales Management, HRD AND Systems.

Centre for Distance and Virtual Learning

The Centre is one of the oldest centres of the University of Hyderabad which was officially established in the year 1994 based upon the directions received from the UGC and MHRD. The centre initially started with two diploma programmes. Presently it is offering sixteen one year Post Graduate Diploma programmes which are employable, knowledge oriented and skill developing programmes. These programmes are offered through distance mode i.e. correspondence cum contact programmes. Most of the students are working employees from various state and central government offices, few are IAS and IPS officers, lawyers, magistrates; Some are executives from multi national companies, corporate sectors, NGOs and also housewives. These distance programmes are also approved by the UGC-AICTE-DEC joint committee.

In order to maintain the standards in the quality of teaching in distance courses, the regular faculty from the University have put their best efforts in designing the courses, framing the syllabus, development of study material and conducting the contact classes. The regular faculty is also involved in the examination and evaluation process. Though there is lot of demand all over the country for these courses, the university has not permitted any study centres as the quality of teaching at the study centres will differ from the main campus. The students of these programmes have to attend 6 to 10 days for the contact classes once a year except for some management courses, where they have to attend twice in a year.

The UGC-AICTE-DEC joint committee visited the University and gave its approval in principle to all the courses being offered by the Centre for Distance and Virtual Learning. The DEC has also sanctioned Rs.25.00 Lakhs to the Centre. As per the new MHRD and DEC, New Delhi guidelines, the centre is going for ICT based learning from the year 2012 onwards.

The Centre for Distance and Virtual Learning is offering post graduate diploma programmes in association with the following organizations for the benefit of the students:

1. NIRD (National Institute for Rural Development)
2. NAARM (National Academy of Agricultural Research Management)
3. BSNL (Bharat Sanchar Nigam Limited)
4. Truth Labs &
5. GVK Biosciences

This year the Centre has given notification for the following 16 PG Diploma courses for which the admissions are in progress. The last date for the submission of the filled in applications is 31.01.2012.

S. No	Course Code	Name of the Course	Eligibility
1.	PGDPM	Post Graduate Diploma in Project Management	Any graduate from a recognised university
2.	PGDCAQM	Post Graduate Diploma in Chemical Analysis and Quality Management	Any graduate with chemistry as one of the subjects from a recognised university
3.	PGDCL&IPR	Post Graduate Diploma in Cyber Laws and Intellectual Property Rights	Any graduate from a recognised university
4.	PGDBM	Post Graduate Diploma in Business Management	Any graduate from a recognised university
5.	PGDCJ&FS	Post Graduate Diploma in Criminal Justice and Forensic Science	Any graduate from a recognised university
6.	PGDG	Post Graduate Diploma in Governance	Any graduate from a recognised university
7.	PGDHR	Post Graduate Diploma in Human Rights	Any graduate from a recognised university
8.	PGDTC	Post Graduate Diploma in Tele Communications	Any graduate in Maths and Physics or Electronics as one of the subjects from a recognised university
9.	PGDCE	Post Graduate	Any graduate from a

		Diploma in Communicative English	recognised university
10.	PGDTSH	Post Graduate Diploma in Translation Studies in Hindi	Any graduate with Hindi as one of the subjects from a recognised university
11.	PGDMC&TT T	Post Graduate Diploma in Mass Communication and Translation Techniques in Telugu	Any graduate with Telugu as one of the subjects from a recognised university
12.	PGDMC&TT U	Post Graduate Diploma in Mass Communication and Translation Techniques in Urdu	Any graduate with Urdu as one of the subjects from a recognised university
13.	PGDMB	Post Graduate Diploma in Medicinal Botany	Any graduate from a recognised university
14.	PGDSRD	Post Graduate Diploma in Sustainable Rural Development	Any graduate from a recognised university
15.	PGDTMA	Post Graduate Diploma in Technology Management in Agriculture	Any graduate from a recognised university with two years experience
16.	PGDBI	Post Graduate Diploma in Bioinformatics	Science graduates with 60% marks from a recognised university

Academic Team

1. Prof. Dr.S.Jeelani – Director – M.Sc, Ph.D (Pharma)

Specialisation – Pharmacognosy, Pharmacology, Photochemistry, Taxonomy, Anatomy, Medicinal Plants

Post Doctoral Research – Environmental Impact Analysis Using satellite data, Biodiversity GIS, Digital analysis, Cartography.

2. Dr. (Mrs) Neelima Voley – M.A, Ph.D (Criminal Justice)

Specialisation Topics – Sociology and Social Legislation, Criminology, Psychology and Criminal Behaviour, Police Administration, Criminal Justice Administration, Human Rights and Ethics

Research Topic – “Whistle blowing as an Anti –Corruption Tool – A Study”

Infrastructure

Currently the Centre has the infrastructure facilities like the computer lab and library. It is in the process of renovating the entire campus facility with features like the green landscape with sufficient illumination, museum, research laboratory etc at Golden Threshold Building Campus, Abids – Hyderabad.

Contact Address:

Centre for Distance and Virtual Learning

University of Hyderabad

City Campus, Golden Threshold Building,

Nampally Station Road, Hyderabad – 500001

Tel: 040-24600264 Fax: 040-24600266

E-Mail: cde@uohyd.ernet.in, directorcde@uohyd.ernet.in

Website: www.uohyd.ac.in

Academic Staff College

Academic Staff College, University of Hyderabad is one of the 66 colleges established by the University Grants Commission. It is an important academic wing of the University. Apart from the training programmes for teachers, the Academic Staff College conducts Professional Development Programs for Principals and Administrators. The faculty is also taking up the teaching assignments and research guidance in their respective departments.

During the year 2010-2011, the ASC organized Six Orientation Courses, Eight Refresher Courses, two workshops on *Research Writing and Publication* in joint collaboration with Economic & Political Weekly for Social Science Teachers; One Professional Development Programme, One Principal’s Workshop, Two day Seminar on Reforms in Governance and Administration and one day National Seminar on Youth for Police Reforms.

During the year 2011-12, the ASC is proposed to organize five Orientation Courses and ten Refresher Courses in subjects proposed by Academic Advisory Committee and approved by University Grants Commission, two professional development courses.

The Mandate

Professional training is a powerful measure in upholding teacher competence and sustaining teacher motivation. The Orientation Courses are for duration of four weeks. These are essentially concerned with the objective of sensitizing participants on current issues of higher education and immediate social relevance. Due emphasis is laid on strengthening skills in teaching and communication and

bringing innovations in teaching. Attempts are made in motivating and developing competence in scientific research. The young teachers, with less than eight years of experience are eligible for enrolling in these courses.

The Refresher Courses are organized for duration of three weeks. The objective of these courses is to update the teachers with recent developments in their concerned disciplines. The Academic Advisory Committee (AAC) decides the subjects for Refresher Courses for the year. The Refresher Courses in various subjects have a definite thrust area.

Academic Staff College also organizes weeklong workshops for the principals of degree colleges from Andhra Pradesh and neighbouring States. Every workshop is structured on a definite theme. The college has so far organized Eleven Workshops for the Principals.

Apart from these programs, one week training program namely 'Professional Development Program' is organized for senior teachers and administrators in a focused theme.

Faculty

The academic team of the College consists of the Director, Lecturer.

Director - Prof. Y. Narasimhulu
Professor of Mathematics

Specialisation -Non-linear Differential Equations, Differential systems

Research Focus - Mathematics, Higher Education, Human Resource Management

Lecturer - Dr. S. Sudhakar Babu

Specialisation - Public Policy, Equality of Opportunities and Dalit Studies, Public Policy for Good Governance, Policy Studies, Civil Society, Training and Higher Education

Research Focus - Training, Higher Education and Literacy

Besides the core academic team, the College invites a number of Resource Persons from Universities, Training and Research institutions

Infrastructure:

The college has access to all the infrastructure facilities of the University like the Computer Lab, Central Library and Sophisticated laboratories. Besides these, the College itself has a good library with 3300 books, journals and magazines and a good computer lab with 50 systems which provides hands on experience on MS Word, Power Point, Web Design, SPSS, e-Content and Wikipedia to the participants.

ACADEMIC & STUDENT SERVICES

Indira Gandhi Memorial Library

The IGM Library is a central facility to support the teaching & research activities of the University. Over the years, the library has been successfully catering to the information needs of all the academic community viz., teachers, research scholars and students of Basic Sciences, Applied Sciences, Medical Sciences, Engineering Sciences, Social Sciences, Humanities, Arts, Fine Arts, Communication & Media Studies and Management Studies.

The library has a rich collection of more than 3.7 lakhs books & back volumes of journals. The library subscribes to around 540 print journals, popular magazines & newspapers in English and Indian languages. The library provides access to over 18,000 e-journals from several publishers directly and with the help of UGC-INFONET. For the benefit of students and faculty the library provides Intranet access to around 2,889 e-books. Important text books and a small collection books especially for weaker section students are kept in a separate room (book bank).

The National Board of Higher Mathematics (NBHM) has recognized this library as a “Regional Library” for Mathematics and provides financial support for the acquisition of Mathematics & Statistics journals for advanced research. The Library is an active member of the UGC-INFLIBNET program and has been identified as one of the 22 Document Delivery Centres in the country. The library building is disabled friendly and has special systems and software for visually-challenged students.

The University library has achieved several distinctions in the country for application of Information and Communication Technologies. It is the first University Library in India to computerize all its in-house operations and services; the first to cater information services to all Schools/Departments via the Campus-wide Local Area

Network; the first University Library to subscribe to electronic books and journals; the first library to undertake turn-key projects of computerizing two libraries in the city; the first to become the governing council member of the OCLC, USA; the first installing an Electronic security gate with magnetic detector; the first in starting a Post-Graduate Diploma course in Library Automation and Networking (PGDLAN); and the First Library to start Digitization of Indian language books under UDL project.

The library is open throughout the year except on national holidays – Republic Day, Independence Day, Gandhi Jayanthi, Dussehra and Diwali. The working hours are from 8.30 a.m. to 11.30 p.m. on all working days and from 9.00 a.m. to 5.30 p.m. on Saturdays, Sundays & other Holidays. The library has a separate A/C reading room which is kept open round-the-clock for the benefit of students.

Central Instruments Laboratory (CIL)

Central Instruments laboratory (CIL), is a central facility with state of art analytical Instruments to cater to the needs of the Science Schools and other institutions. The list of instruments at CIL covers broad based fields viz., microscopy, diffraction based and magnetic property measurement and these Instruments can also be used round the clock. The list of instruments are : Environmental Scanning Electron Microscope (SEM) with Energy Dispersive Spectrometer, Powder X-Ray Diffractometer (XRD), Vibrating Sample Magnetometer (VSM), Electron Spin Resonance (ESR) Spectrometer, Differential Scanning Calorimeter, Protein Sequencer, HPLC based high performance Amino Acid Analyzer, Circular Dichroism (CD) Spectrometer, Differential Scanning Calorimeter (DSC), Thermogravimetric-DTA (TG-DTA).

The areas of specialization of the CIL include Mass Spectrometry, Radiation Spectroscopy (X-Ray, UV-VIS-IR), Microscopy, Advanced Electronics, Design and

Development of Microprocessor and Microcontroller – based Systems, Embedded Systems, Advanced Instrumentation systems design and maintenance.

Computer Centre

The Computer Centre was established as a central facility to facilitate, foster and support the essential teaching and research goals of the University of Hyderabad through the deployment and delivery of computing and communication services to the University's faculty, students, officers, and staff. To assist research, there is a wide range of computing environment available, backed by staff with considerable expertise to assist researchers. Currently the centre has systems, which provide Windows environment to the users.

In 1993, ERNET selected University of Hyderabad to be one of the transit nodes with the addition of a VSAT dish antennae, which is operational at the Gachibowli campus, but with a narrow bandwidth of 9.6 Kbps. The transit node operational at the computer centre is also providing Email/Internet services to educational and research organizations in Andhra Pradesh such as IDRBT, NFC, DMRL etc. Further 128 Kbps microwave and 2 Mbps backbone links were established in the year 2000, 2001 respectively. UGC funds allocated in the year 2000, helped in increasing the number of terminal points available to users. UGC grant allocated in the year 2001 helped in establishing the 1 Gbps structured SM fiber optic network for the university. Also 2 Mbps point-to-point leased line between UOH and IDRBT, 2 Mbps UOH - Infosys (Hyderabad) – Bangalore leased line, and 128 Kbps ISDN lines were established. In the year 2006, the bandwidth was upgraded to 4 Mbps. In the year 2008 the bandwidth was upgraded to 68 Mbps, and new buildings, quarters, and hostels are brought under the backbone. Wi-Fi towers are also erected at different locations to have wireless connectivity for the users. In the year 2010 the band width was upgraded to 1 Gbps.

The Centre is having Internet/Email, programming, and word processing rooms to enable users to execute various tasks. The Centre has number of systems like wireless PCs, and several Pentium systems. New Email server is

installed and is operational for use by various users. Authentication for security purposes servers are also installed. The Centre also has Colour and Black/White Laser printers, Scanner, CD Writer, LCD Projector, and different peripherals. NAAC committee commended on the Computer Centre facilities and its upkeep. X plan visiting committee commended on the progress made by Computer Centre.

Qualified officers help in teaching MCA/MBA/M.Sc students of various Schools and Departments. They also guide students in completing their project works and are invited to give lectures during orientation programmes in Academic staff college, and various Centre for Distance Education programmes.

The Centre has entered into Campus-wide software license agreement with M/S Microsoft. The Centre offers advice and consultancy to users to these central facilities and assist in solving problems users might have on their equipment. The Computer Centre have operators, programmers, systems programmers, systems managers, systems analysts.

Health Care

The University Health Centre, managed by a team of doctors, supported by nurses / para medical staff caters to the **basic Out Patient treatment and few beds for emergency Inpatient treatment.** The health Centre has an X-Ray Unit, an ECG machine and a dedicated laboratory for conducting various clinical investigations. Specialists such as Ophthalmologist, Orthopedician, and Physiotherapist will be available on specific days. The services of a **Student Counselor** is available near the Chief Warden's Office. Round-the-clock **Ambulance** facility is available for emergency purposes in addition to the Emergency Ambulance (108) provided by the Govt. of Andhra Pradesh.

At the time of admission every student shall submit a physical fitness certificate and also **an undertaking to the Health Centre, signed by the parent/guardian to the effect that “any hospitalization/medical treatment**

expenses shall be born by the parents/guardians of the student concerned and the university is not responsible for treating the major diseases/ailment occurred while pursuing studies in the University.”

However, the University will **assist** them in providing a Medical Insurance Card (valid for one year) from a standard insurance company, which they may use for hospitalization.

Hostel Accommodation

There are altogether 19 hostels on the campus, of which 12 are for men and 7 are for women. Foreign students, unless they opt not to, are accommodated at the Tagore International House.

Due to paucity of Hostel accommodation, the University cannot guarantee Hostel accommodation to all the students admitted into various programmes / courses. No student admitted to the University can claim the Hostel seat as a matter of right. The hostel will be allotted to the students based on the distance from their present place of residence with sufficient proof.

No hostel accommodation will be provided to the students admitted from the places within the limits of Greater Hyderabad Municipal Corporation (GHMC).

Reservation of seats: Of the total number of available seats in a particular academic year in the hostels, 22.5% are reserved for candidates belonging to SC/ST and 3% for Persons with Disability (Physically challenged candidates).

The hostel accommodation may be provided subject to the availability of seats in the hostels for a maximum period of PG course -02 years; MCA. and MPA Theatre Arts -03 years; M.Phil.-1½ years; Ph.D. up to 05 Years; Integrated Masters -05 years. **In no case, the stay will be extended beyond the above stipulated period.**

The students are required to submit ‘proof of nativity’ at the time of hostel admission. They can submit a ‘Nativity Certificate’ issued by the Revenue Officer/ Tahsildar or any

other relevant certificate issued by competent authority of their respective native place as proof of residence.

Mess facility attached to different hostels is compulsory and is completely managed by the inmates. Even if a boarder does not avail the mess facility, a minimum of 10 days’ mess bill will be charged every month. The average vegetarian monthly mess bill at current prices (Breakfast, Lunch and Dinner) for women worked out to approximately Rs. 1000/- and for men Rs. 1200/- during earlier years. The rules and regulations in the Hostel Hand Book, periodically updated at the University’s website, is binding on all boarders.

Students Welfare

The office of the Dean of Students Welfare looks after the welfare of the students with active support from the elected representatives of the students, Faculty and administration. A Student Counseling Service by professionals is available in the University. In case of any student requiring parental guidance, his/her parents will be informed accordingly.

There is a Students’ Union which caters to the students’ interests and promotes cultural and sports activities. The elections to the Students’ Union are conducted by the students themselves.

Discipline among students

All powers relating to discipline and disciplinary action in relation to the students of the University are vested in the Vice Chancellor. He may delegate all or any of his powers as he deems proper to any of the officers of the University specified by him.

Ban on ragging on the campus: Ragging, use of drugs, drug trafficking and eve teasing, which are criminal offences, are strictly forbidden in the University and persons found indulging in such activities will be subjected to strict disciplinary and other action in keeping with the law of the land. Indulging in any criminal activity within or outside the University and any physical violence against

fellow students and fellow residents will not be tolerated and will attract stern disciplinary action including rustication. As per the orders of the “Hon’ble Supreme Court of India” if any incident of ragging comes to the notice of the authority of the University, the concerned student should be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him/her from the University.

Committee on violence against women and sexual harassment: As suggested by the UGC, a Committee has been constituted with Dean, Students’ Welfare, Chief Warden, Women Faculty members, Women students, Students’ Union and Teachers’ Association as members, to combat the menace of violence and sexual harassment against women on the campus.

Proctorial Board : The Proctorial Board shall examine all disciplinary and related issues pertaining to the students. All students misconduct /indiscipline related cases shall be brought to the notice of the Chief Proctor. Based on the gravity of the case, the Proctorial Board shall make appropriate recommendations to the Vice-Chancellor.

Games and sports

The department is equipped with a centre for Games and Sports. The centre consists of a well equipped international standard indoor stadium accommodating indoor games like shuttle badminton etc.

The centre is also now equipped with a Fitness Centre where students can participate in various fitness programs. This centre is catering the needs of fitness through the state of the art equipment, and the fitness centre is poised for further development in the present year.

The department also houses a Yoga Centre in which Yoga classes are given for the students and other interested university community. It also offers a certificate course in yoga to instill further motivation among the student community.

The department also is promoting the sports and games culture among the student community by well organizing coaching camps in various disciplines for the University teams.

The department also houses a Tennis Courts Complex near Yoga Centre and imparting coaching in Tennis to the University Community.

The University is also a member of the Inter University Sports Board of India and its teams participate in Zonal and All India Inter University Tournaments regularly, apart from this the department also organizes annual inter school competitions to inspire the student community to involve in physical games and improve their health status.

Financial Support

The University offers financial assistance to the students admitted to the following programmes of study, particulars in brief are :

- M.Tech. (GATE scorers) will be paid scholarship @ Rs. 8,000/-. The tenure of the scholarship will be for 2 years (funded by AICTE).
- M.Phil. students will be paid fellowship @ Rs. 3,000/- p.m. for one year only (funded by UGC).
- Ph.D. Scholars will be paid fellowship @ Rs. 5000/- p.m. for a period of 3 years, extendable by one more year in exceptional cases with specific & tangible justification from the Supervisor/Doctoral committee (funded by UGC).

Concessions to Visually Challenged students:

Concessions to blind students are provided by the University as per the UGC guidelines from time to time which inter-alia, include exemption from all kinds of fees, payment of Reader’s allowance @ Rs. 1000/ p.m. in respect of PG/ M.Phil/Ph.D. students and Rs. 1500/- for JRF holders for the employment of a Reader, an annual grant of Rs. 500/- for guide charges, extra time of 20/30 minutes for writing examination paper of 2/3 hours respectively and permission to use a personal typewriter during examinations. In addition to this, the blind students are eligible for scribe charges @ Rs.150/- for Internal

Exams/Term papers and Rs.300/- for end-semester examinations. Special stationary charges @ Rs.500 per annum.

Fellowships for research studies

UGC Fellowships: UGC JRFs pursuing their research work leading to M.Phil. and Ph.D. in Sciences, Humanities and Social Sciences are paid a fellowship of Rs. 16,000/- p.m. for the first two years and Rs.18,000/- p.m. for the subsequent years.

Rajiv Gandhi National Fellowships sponsored by the Ministry of Social Justice for SC/ST candidates to pursue M.Phil and Ph.D. Degrees: The SC/ST Scholars enrolled for Ph.D. and M.Phil programmes in the University have to apply for this Fellowship as and when the University Grants Commission issues the Notification. The value of JRF is Rs. 16,000/- p.m. for the first two years and the value of SRF is Rs. 18,000/- p.m. for the subsequent years.

Maulana Azad National Fellowship for minority students funded by Ministry of Minority Affairs to pursue M.Phil. and Ph.D. Degrees : The minority scholars enrolled for Ph.D. and M.Phil programmes in the University have to apply for this Fellowship as and when the University Grants Commission issues the Notification. The value of JRF is Rs. 16,000/- p.m. for the first two years and the value of SRF is Rs. 18,000/- p.m. for the subsequent years.

CSIR Fellowships: The CSIR JRFs pursuing research are paid a fellowship of Rs.16,000/ p.m. for a period of two years which may be increased to Rs.18,000/ p.m. for the subsequent years.

Fellowships from other sources: In addition to the above, provision exists for securing JRFs/SRFs in various research projects/direct fellowships being operated in the University financed by Govt. Agencies and other Organizations such as the UGC, CSIR, DST, DAE, ICMR, ICSSR, NBHM, etc. *JRF test qualified candidates admitted to M.Phil. and Ph.D. programme may apply for these positions in response to the notice issued by the project investigators. Apart from the above, any other fellowship(s) announced by other funding body/bodies from time to time will be*

processed as per the rules.

Post Graduate Merit Scholarship Scheme for University Rank holders at Undergraduate level:

The University Grants Commission on the basis of a recent initiative of MHRD, has introduced the Post-Graduate Merit Scholarship for University Rank Holders (in General and Honours courses at University levels). The selection will be purely on Merit basis. The value of each scholarship is Rs.2,000/- p.m. and duration is for 2 years.

Post-Graduate Indira Gandhi Scholarship Scheme for single girl child:

The University Grants Commission, on the basis of a recent initiative of MHRD, has introduced the Post-Graduate Indira Gandhi Scholarship for Single Girl Child as an incentive for the parents to observe small family norms. The value of each scholarship is Rs.2,000/- p.m. and duration is for 2 years.

NOTE: Applications for UGC sponsored Scholarships are invited by the UGC through Press Notification. Students are advised to watch for advertisement in News Papers and respond accordingly.

M.Sc. Biotechnology Scholarships:

The students admitted to M.Sc. Biotechnology are eligible for scholarship @ Rs. 1200/ per month for the entire duration of the course (i.e. 2 academic years) funded by the Dept. of Biotechnology, Govt. of India.

Financial assistance from other sources: The students of the University are also eligible to apply for the award of the following Scholarships given by the Govt. of India and the Govt. of Andhra Pradesh subject to their fulfilling the conditions prescribed in each case.

- a) GOI National Merit Scholarship
- b) GOI Post Matric Scholarships for SC/ST students
- c) GOI Scholarships for non Hindi speaking students for Post Matric studies in Hindi
- d) GOI Scholarships for physically handicapped
- e) GOI Scholarships for Ex-Servicemen/Freedom Fighters' children, Minority students

- f) A.P.Govt. EBC Scholarships
- g) A.P.Govt. State Merit Scholarships
- h) A.P.Govt. Listed Backward Classes Scholarships
- i) A.P.Govt. Scholarships for the children of deceased Govt. servants who died while in service.
- j) A.P.Govt. Scholarships and book grant to children of political sufferers.
- k) A.P. Govt. Minority scholarships
- l) Other State Government Social Welfare scholarships

NOTE: Payment of scholarships awarded/funded by external agencies like UGC, CSIR, AICTE, ICSSR, ICMR, DST, DBT, DAE, NBHM etc. shall be made only after receipt of the sanction and scholarship amounts by the University.

TEACHING AND EVALUATION REGULATIONS

Special features

The special features of the University's academic set up include a favourable teacher student ratio (1:9/10); a flexible academic programme that encourages interdisciplinary courses and research. The assessment, including projects and examinations of the Postgraduate/PG Diploma courses is continuous and internal.

Semester system

The courses are organised on the semester pattern. The academic year consists of two semesters of 16 to 18 weeks each. July – December is the Monsoon semester 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 field work 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 on the basis of continuous assessment and performance in the end semester examination.

Attendance and progress of work

Students should attend at least 75% of the classes actually held in each course (at least 60% if the same course is repeated for writing the end-semester examinations) and participate, to the satisfaction of the School/Department/Centre, in seminars, sessionals and practicals as may be prescribed. The progress of 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 reasons should be

supported by a certificate which has to be submitted soon after recovery to the respective School/Department/Centre.

Summer Semester

In order to help the MA/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.

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., Advanced P.G./P.G. Diplomas, M.Phil., 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 on the basis of 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).
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 the purpose of 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. (a) Students should obtain a minimum of 'D' grade in each course in order to pass in the Postgraduate, Adv. PG/ Postgraduate diploma, M.Phil, M.Tech 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 in accordance with 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.

(b) In order to be eligible for award of medals/prizes and ranks etc., the students should complete the course within the prescribed duration. The grades obtained by the student in the supplementary/ repeat/improvement examinations shall not be taken into account for the award of medals/prizes/ranks etc. Further, for the purpose of award of M.Phil. and M.Tech. medals, prizes and ranks, the student should complete the course, examination and submission of dissertation etc., within a maximum period of three and five semesters respectively from the date of the admission to the course.

6. (a) No student of PG/Adv. PG/PG Diploma/M.Phil, and M.Tech, shall be permitted to move to the next semester, if he/she has a backlog of more than 50% of the courses of a semester concerned subject to a maximum of two backlogs where the number of the courses in a semester are four and a maximum of three backlogs where the number of courses in a semester are more than four at any given point of time including the backlogs of the previous semester, if any.

(b) 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 a semester concerned subject to a maximum

of 5 backlogs at any given point of time including the backlogs of previous semester/s, if any.

7. The qualifying marks for the dissertation/project report / monograph/ research paper in the M.Phil., and 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 course/s in accordance with clauses 5(a) 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 by the University.

9. (a) A student in order to be eligible for the award of M.A., M.Sc., MCA, MBA, MPA, MFA Adv. PG/PG Diploma 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 on the basis of the CGPA:

CGPA of 8.0 and above and upto 10.0	I Division
	with Distinction
CGPA of 6.5 and 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 programme 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 in the degree/diploma certificate.

10. A student in order to be eligible for the award of the M.Phil and M.Tech degree must obtain a minimum of 'D' grade 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 upto 10.0	I Division
	with Distinction
CGPA of 6.5 and above and < 8.0	I Division
CGPA of 5.5 and above and < 6.50	II Division
There is no III Division in these programmes	

To satisfactorily complete the programme and qualify for the M.Phil. / 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. No student shall be permitted to take a supplementary examination for the second time of the same course except in the case of one repeating the entire course.

12. (a) No student of Post graduate, Adv. PG/PG Diploma courses shall be allowed to continue his/her enrolment for more than two semesters beyond the prescribed duration of the course. However, 5-Year Integrated PG students shall be allowed to continue their enrolment upto four semesters beyond the prescribed duration of the course. While counting the maximum permissible number of semesters before which a student has to complete his programme the "idle semester/s" (i.e. the semester he/she has to forego for want of instructional facility) will not be counted and it should be limited to one semester in the case of PG and Advanced PG Diploma courses and two semesters in the case of 5-year Integrated courses. However, such students have to pay the tuition and other fees for the idle semester/s also. A student may be permitted to discontinue his/her studies for reasons certified as valid by the Head and/or Dean of the

School concerned for a period not exceeding two semesters.

(b) No student of the M.Phil. and M.Tech. shall be allowed to continue his/her enrolment for more than two semesters beyond the prescribed duration of the course. Further a student of MCA, M.Phil. and M.Tech. or any other programme having dissertation will be permitted to work on the dissertation though there are backlogs in the course work subject to the condition that the backlogs do not come in the way of their promotion to the subsequent semesters. However, he/she is allowed to submit the dissertation only on completion of the course work.

13. 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 **readmission** to the concerned semester of the immediately following academic year. Such students should seek **readmission** 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.

14. The answer scripts of the semester examinations shall not be returned to the candidates but may be shown by the instructor at the specific request of the student concerned. The result of the continuous assessment of the students will, however, be communicated to students immediately after the assessment.

15. **No request for re-valuation shall be entertained.** However, every School shall constitute a **Grievance Committee** consisting of 3 or 4 teachers to examine the complaints received from the students of the School regarding their assessment. Such requests from the students should reach the Dean of the School through the Head of the Department/Centre within 15 days of the announcement of the results.

Note: If a student is not satisfied with the evaluation by the School level Grievance Committees, the Dean of the School on a request from the student may refer the matter to the Controller of Examinations for getting the paper evaluated by an external examiner, whose evaluation will be final. The fees for external evaluation in all such cases shall be Rs. 50/- per paper which shall be paid by the student concerned.

16. (a) Students absenting themselves after payment of fees from a regular semester examination are permitted to appear in the supplementary examination. 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 to audit a course within the Department or outside, provided he/she satisfies the prerequisites. 75% of attendance is required for an audit course for including the same in the additional grade sheet.

(c) Option once exercised for audit/extra courses shall be final.

Improvement examination

- i) Students securing 'D' grade in the course of a semester may be allowed to improve their marks in one course in a semester. Appearance at such an examination in the course will be allowed only once. No further chance will be given under any circumstances.
- ii) The improvement examinations will be conducted along with the supplementary examinations within a week of the commencement of the teaching of the next semester or as per the schedule prescribed.
- iii) For the purpose of determining the Division, the better of the two performances in the examinations will be taken into consideration.
- iv) The facility for improvement shall be open to all those who want to improve their grade irrespective of the CGPA obtained by them in the examination concerned. However, one should clear all courses of a particular

semester in which he/she intends to take an improvement examination.

- v) The grade sheet of a student will indicate full information of the examinations taken by him/her. Both the Grades obtained in the 1st and 2nd attempts will be shown in the grade sheets.
- vi) The Application for improvement examination in the prescribed form along with the prescribed Examination Fee should reach the office of the Controller of Examinations within a week of the commencement of the teaching of the next semester through the School/Department/Centre by the prescribed date.
- vii) One can improve a maximum of four courses of their respective programmes as detailed below:
one course at the end of the first semester, two courses at the end of the second semester, three courses (to be taken from 1st & 3rd semesters) at the end of the third semester and four courses at the end of the fourth semester.

Students who have completed the course without availing the improvement facility in accordance with the schedule prescribed by the University are allowed to avail the unavailed chances within a maximum period of six months after completion of the course. Such exams are to be taken when the regular or supplementary/improvement exams are held.

Special Supplementary Examinations: The PG/5-year Integrated PG students who after completion of the prescribed duration of the course are left with backlogs are eligible to appear for special supplementary exams subject to a maximum of two courses where number of courses in a semester are four and a maximum of three courses where the number of courses in a semester are more than four. Appearance in such exams shall be allowed only once.

Evaluation of M.Phil. dissertation

- i) Students should give an open seminar on the M.Phil dissertation. Schools/Departments/Centres should hold it before/after submission of the dissertation.

- ii) A Board comprising 3-4 members shall assess the performance of the M.Phil. candidates at the seminar for 25% of the marks prescribed for the dissertation. The remaining 75% marks for the dissertation shall be awarded on the basis of examiners' reports in accordance with the existing procedure. There is no minimum pass mark for the seminar.

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. Mid-term 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 classification of the results under letter grade system .
(ii) An additional grade sheet will be given to the students for the courses audited 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 extra curricular activities like NSS, literacy programme 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.
(v) 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. programmes and identified with some academic deficiencies have to study Bridge courses for a maximum period of 2 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.

Course work for Ph.D. scholars

Every student admitted to a Ph.D. programme shall satisfactorily complete the course work prescribed by the School/Department/Centre. The course work shall be for 12 - 14 credits which may be distributed among different components as decided by the respective Department/Centre and approved by the School Board. The Ph.D. students should pass the course work by securing 50% of marks in each subject within a maximum period of 2 semesters. However, in exceptional cases, another two semesters may be granted to complete the course work which may be decided based on the merit of each case. No student shall be permitted to work on the research project without completion of the course work. The provisional admission of the candidates who fail to complete the course work in the above stipulated period stands cancelled automatically. This shall also apply for the Ph.D. students registered for part time, external category and at the Associate Institutions. The result shall be declared as pass or fail.

Note : Those with an M.Phil. Degree though exempted from the course work have to do the course work if it is recommended by the Supervisor/Doctoral Committee and approved by the School Board. In the case of M.Tech. students admitted to Ph.D., they will be required to do a course in Research Methodology if they have not done at their M.Tech. and any other course work if it is prescribed by the Supervisor/Doctoral Committee to be approved by the School Board which need not be of 12-14 credits.

Medals for excellence in studies

With a view to encouraging good performance in studies, the University has instituted several donor medals. These include the following:

Donor Medals

1. Sarojini Naidu Memorial Trust - M.A. English
2. Roopchand Chajed (Jain) Medal - M.A.Hindi
- 3.Dr. Prakash Moonis Memorial Medal - M.A.Urdu

- 4.M/s. Jindal Jubilee Gold Medal - M.A. Economics
- 5.Andhra Bank Medal - M.A. History
- 6.Canara Bank Medal - M.A. Communication
- 7.Nataraja Ramakrishna Sharada Devi Medal -
M.P.A.Dance
8. Sri S.L. Parasher Medal -M.F.A. Painting
9. M/s Jindal Jubilee Gold Medal - M.Sc Maths
10. M/s Narosa Publishing House Medal
- M.Sc Maths (Applied)
11. A.P. Mahesh Bank Medal - M.C.A.
- 12.Bhagwat Saran Agarwal Memorial Medal
- M.Sc Physics
- 13.Vasavi Academy of Education Medal-M.Sc Electronics
- 14.Vasavi Academy of Education Medal -M.B.A.
15. Prof. V.V. Sarma Memorial Medal- M.Sc Chemistry
16. Prof. A.N. Radhakrishnan Memorial Medal
- M.Sc Biochemistry
17. K.L.N. Reddy Medal - M.Sc Plant Sciences
- 18.Kiran Kumar Medal -M.Sc Animal Biotech.
- 19.Burhani Trust A.P.Medal -M.Sc. Biotechnology
20. SBH Medal - M.Tech CS
21. Alekhya Technology Medal - M.Tech AI
- 22.Mannapalli Subbaramaiah Medal
--Overall for M.Tech CS/AI/IT
23. Smt. N.V. Ranganayakamma Medal- M.Phil Physics
24. Prof. G.C. Jain Medal - M.Phil Urdu
25. Roopchand Chajed (Jain) Medal - M.Phil Hindi
26. President of India Medal
- for overall performance (Bi-annually)
- 27.Pingali Mohan Reddy Medal
-overall performance in PG in Life Sciences
28. Alumni Medal (for a topper in Social Anthropology)
- M.A Anthropology
29. Akhtar Hassan Memorial Medal - M.Phil Urdu
30. IDRBT Medal - M.Tech IT
31. Dr. (Mrs) Sheela Raj Memorial Medal - The best Ph.D.
or M.Phil thesis to be adjudged every year in History
32. Tadinada Sri Mahalashmi Medal
- M.Tech. Mineral Exploration
33. Dr. Salam Khan Bio Asia Medal- M.Sc Biotechnology
34. Dr. Naushaba Hasnain and Prof. Syed Mohammad
Hasnaian 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

35. Kottapalli Narasayya Medal - for a topper who secures highest marks in core subjects of M.Sc. Plant Biology and Biotechnology

36.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

37 Prof. Radhanath Medal - I.M.Sc. Health Psychology

Donor Medals for women toppers

38. Smt. Ravuri Kantamma Bhardwaja Medal
- M.A.Telugu

39. State Bank of India Medal - M.A. Economics

40. A.P. History Congress Medal - M.A. History

41. Prof. G. Ram Reddy Memorial Medal - M.A.Political Science (Human Rights)

42. Prof. M.Shakuntala Memorial Medal - M.Sc Physics

The toppers in the remaining Master's degree courses are awarded the University Medals.

University Medals

1. M.A. Philosophy
2. M.A. Functional Hindi
3. M.A. Telugu
4. M.A. Applied Linguistics
5. M.A. Political Science
6. M.A. Sociology
7. M.A. Anthropology
8. M.P.A. Theatre Arts
9. M.Sc Statistics
10. M.Sc Molecular Microbiology
11. M.B. A. Health Care and Hospital Management

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 Master's degree level in the year 1991 – the birth centenary of Bharat Ratna Dr. B.R. Ambedkar.

The President of India Medal

The President of India Medal will be awarded bi-annually for a PG student for overall performance to be adjudged as the best for general proficiency including character, conduct, excellence in academic, and other extra and co-curricular activities viz., i) sports (ii) cultural (iii) participation in literacy drive and non-formal education (iv) leadership (v) participation in debates, seminars and similar activities (vi) participation in NSS, blood donation camps, etc. For this, a weightage of 70% shall be given for academic performance after normalization and 30% for other activities by giving 5% weightage each of the above stated activities. The students should provide the information to the HoDs/Deans for this purpose with documentary evidence from time to time or before they leave the University on completion of the course.

University Medal for Physically Challenged Students

The University has instituted a medal for the meritorious student from amongst the physically challenged category from P.G. Courses. This will be awarded annually at the Convocation. The selection procedure for this award will be similar to that of the President of India Medal.

Note: For the award of the above medals, prizes, and rank, etc., the topper in the subject concerned should secure first division in the degree and pass all the examinations within the prescribed duration in the first attempt. The marks obtained in supplementary/ improvement examination shall not be taken into account for the purpose. In respect of tie, actual marks obtained shall be taken into account for identifying the topper.

University of Hyderabad

ENTRANCE EXAMINATIONS - 2012

Instructions to the candidates for filling the Application Form and the Basic Data Form

- I. Application for entrance examination for admission to various courses during 2012-13 required to be submitted in the prescribed form along with the Basic Data Form to be downloaded. A separate application is required for each course.
- II. Candidates are required to pay the prescribed entrance examination fees of Rs. 300/- in the case of General/OBC Candidates and Rs.125/- in the case of SC/ST/PWD candidates in the form of Demand Draft drawn in favour of the **Finance Officer, University of Hyderabad**, payable at State Bank of India, Hyderabad Central University Campus Branch, Hyderabad (Code 5916) or on Andhra Bank, Nampally Branch, Hyderabad (Code 378).
- III. Before filling the Application Form and the Basic Data Form, read the instruction carefully and follow them strictly.

The Application Form and the Basic Data Form must be filled in English only (using CAPITAL letters as far as possible). Where the information is required to be filled in boxes, only one alphabet is to be written in each box. While providing the information in the “Basic Data Form” tick (√) the relevant box with Blue or Black Ball point or sketch pen.

Codes of the Courses/Programmes & Subjects: Each course/programme along with its subject has been given a two letter code. Select the course/programme and subject you wish to apply from the list given below and indicate the code of the Course/Programme & Subject in the boxes provided. Course/Programme and Subject once selected will not be changed under any circumstances.

Course/ Programme of Study (PS)	Subject of Study (SS)	Code for PS	Code for SS
M.Sc. and M.A. (5-Year Integrated) Courses			
M.Sc.	Sciences: (Mathematical Sciences / Physics / Chemical Sciences / Systems Biology)	IS	IS
M.Sc.	Optometry & Vision Sciences	IS	OV
M.Sc.	Health Psychology	IS	HP
M.A.	Humanities: Languages (Hindi / Telugu / Urdu) / Language Sciences	IA	HM
M.A.	Social Sciences	IA	SS
P.G. Courses			
M.Sc.	Mathematics/Applied Mathematics	MS	MM
M.Sc.	Statistics-OR	MS	ST
M.C.A		MC	CA
M.Sc.	Physics	MS	PY
M.Sc.	Chemistry	MS	CY
M.Sc.	Biochemistry	MS	BC
M.Sc.	Plant Biology & Biotechnology	MS	PB
M.Sc.	Molecular Microbiology	MS	MB
M.Sc.	Animal Biotechnology	MS	AB
M.Sc.	Health Psychology	MS	HP

Course/ Programme of Study (PS)	Subject of Study (SS)	Code for PS	Code for SS
M.Sc.	Ocean & Atmospheric Sciences	MS	OA
M.A.	English	MA	EN
M.A.	Philosophy	MA	PH
M.A.	Hindi	MA	HN
M.A.	Telugu	MA	TL
M.A.	Urdu	MA	UR
M.A.	Applied Linguistics	MA	AL
M.A.	Comparative Literature	MA	CL
M.A.	Economics	MA	EC
M.A.	History	MA	HS
M.A.	Political Science	MA	PS
M.A.	Sociology	MA	SL
M.A.	Anthropology	MA	AN
MPA	Dance: (Kuchipudi / Bharatanatyam)	PA	DK
MPA	Theatre Arts	PA	TA
MFA	Painting / Print Making / Sculpture	FA	PM
MFA	Art History	FA	AH
M.A.	Communication : (Communication & Media Studies, Print Journalism & New Media, Television & Radio)	MA	CJ

Course/ Programme of Study (PS)	Subject of Study (SS)	Code for PS	Code for SS
MBA	Health Care & Hospital Management	MB	HC
Adv.PG Diploma Courses			
Adv.PG	Folk Culture Studies	AD	FS
Adv.PG	Mineral Exploration	AD	ME
PG Diploma Courses			
PG Dip	Health Fitness & Life Style Management	DP	HF
PD Dip	Health Communication	DP	HL
M.Phil. Courses			
M.Phil.	English	MP	EN
M.Phil.	Philosophy	MP	PH
M.Phil.	Hindi	MP	HN
M.Phil.	Telugu	MP	TL
M.Phil.	Urdu	MP	UR
M.Phil.	Applied Linguistics	MP	AL
M.Phil.	Translation Studies	MP	TS
M.Phil.	Comparative Literature	MP	CL
M.Phil.	English Language Studies	MP	EG
M.Phil.	Dalit and Adivasi Studies & Translation	MP	DS
M.Phil.	Economics	MP	EC
M.Phil.	History	MP	HS
M.Phil.	Political Science	MP	PS
M.Phil.	Sociology	MP	SL
M.Phil.	Anthropology	MP	AN
M.Phil.	Regional Studies	MP	RS
M.Phil.	Social Exclusion & Inclusive Policy	MP	EI
M.Phil.	Indian Diaspora	MP	ID
M.Phil.	Cognitive Science	MP	CO
M.Phil.	Gender Studies	MP	GS
M.Tech. Courses			
M.Tech.	Computer Science / Artificial Intelligence/ Information Technology (CS/AI/IT)	MT	CS
M.Tech.	Computational Techniques	MT	CT
M.Tech.	I.C. Technology	MT	IC
M.Tech.	Bioinformatics	MT	BI
M.Tech.	Mineral Exploration	MT	ME
Int. M.Tech./ Ph.D.	Nano Sciences & Technology	PT	NT
Int M.Tech./ Ph.D.	Materials Engineering	PT	MT
Int. M.Sc / Ph.D.	Biotechnology	PM	BT
Ph.D. Courses			
Ph.D.	Mathematics	PD	MM
Ph.D.	Applied Mathematics	PD	AM
Ph.D.	Statistics / OR	PD	ST

Course/ Programme of Study (PS)	Subject of Study (SS)	Code for PS	Code for SS
Ph.D.	Computer Science	PD	CS
Ph.D.	Physics	PD	PY
Ph.D.	Chemistry	PD	CY
Ph.D.	Biochemistry	PD	BC
Ph.D.	Plant Sciences	PD	PL
Ph.D.	Animal Sciences	PD	AS
Ph.D.	Biotechnology	PD	BT
Ph.D.	English	PD	EN
Ph.D.	Philosophy	PD	PH
Ph.D.	Hindi	PD	HN
Ph.D.	Telugu	PD	TL
Ph.D.	Urdu	PD	UR
Ph.D.	Applied Linguistics	PD	AL
Ph.D.	Translation Studies	PD	TS
Ph.D.	Comparative Literature	PD	CL
Ph.D.	Sanskrit Studies	PD	SK
Ph.D.	English Language Studies	PD	EG
Ph.D.	Dalit and Adivasi Studies & Translation	PD	DS
Ph.D.	Economics	PD	EC
Ph.D.	History	PD	HS
Ph.D.	Political Science	PD	PS
Ph.D.	Sociology	PD	SL
Ph.D.	Anthropology	PD	AN
Ph.D.	Regional Studies	PD	RS
Ph.D.	Folk Culture Studies	PD	FS
Ph.D.	Social Exclusion and Inclusive Policy	PD	EI
Ph.D.	Indian Diaspora	PD	ID
Ph.D.	Science, Technology and Society Studies	PD	KC
Ph.D.	Human Rights	PD	HR
Ph.D.	Gandhian Economic Thoughts	PD	GT
Ph.D.	Dance	PD	DN
Ph.D.	Theatre Arts	PD	TA
Ph.D.	Communication	PD	CC
Ph.D.	Management Studies	PD	MS
Ph.D.	Materials Engineering	PD	MT
Ph.D.	Nano Science & Technology	PD	NT
Ph.D.	Medical Sciences	PD	MD
Ph.D.	Earth & Space Sciences	PD	ES
Ph.D.	ACRHEM	PD	AC
Ph.D.	Psychology	PD	PC
Ph.D.	Cognitive Science	PD	CO
Ph.D.	Gender Studies	PD	GS
Ph.D.	Buddhist Studies	PD	BS
Ph.D. *	Advanced Computational Methods	PD	HI

* Note: Candidates applying for Ph.D. in Advanced Computational Methods must also be an applicant for one of the 8 subjects listed at item No. 8 of the sub-head “Choice of Subject” given below. No separate written test will be conducted for this subject and the marks secured by them in the respective subject will be considered for short-listing the candidates for interview.

A separate application is required for each of the Courses listed above. However, single application can be used giving the order of preference of their choice for any of the following 9 courses. Use the “Code” as indicated against each subject while providing the information against the column: order of preference.

Choice of Subject

Subject	Code
1) M.Sc.(5-year Integrated) Courses in Sciences	
Mathematical Sciences	MA
Physics	PY
Chemical Sciences	CH
Systems Biology	SB
2) M.A. (5-year Integrated) Courses in Humanities	
Hindi	HN
Telugu	TL
Urdu	UR
Language Sciences	LS
3) M.A. (5-year Integrated) Courses in Social Sciences	
Economics	EC
History	HS
Political Science	PS
Sociology	SL
Anthropology	AN
4) M.Sc. Mathematics	
Mathematics	MM
Applied Mathematics	AM
5) M.A. Communication	
Communication & Media Studies	CM
Print Journalism & New Media	PN

Subject	Code
Television & Radio	TR
6) M.F.A. Painting / Print Making / Sculpture	
Painting	PT
Print Making	PR
Sculpture	SC
7) M.P.A Dance	
Kuchipudi	KU
Bharatanatyam	BH
8) M.Tech. (CS / AI / IT)	
Computer Science	CS
Artificial Intelligence	AI
Information Technology	IT
9) Ph.D. Advanced Computational Methods (candidates are required to opt for only one of the following 8 subjects)	
Computer Science	CS
Animal Science	AS
Biotechnology	BT
Chemistry	CY
Physics	PY
Material Engineering	MT
Earth & Space Sciences	ES
ACRHEM	AC

Choice of Examination Centre

The Entrance Examinations will be held at 35 centres, viz., Ahmedabad, Aizawl, Ananthapur, Bengaluru, Bhopal, Bhubaneswar, Chennai, Cochin, Delhi, Dimapur, Guwahati, Hyderabad, Jaipur, Jammu, Kadapa, Karimnagar, Kolkota, Lucknow, Madurai, Mumbai, Nagpur, Nellore, Nizamabad, Patna, Pune, Raipur, Ranchi, Shillong, Srikakulam, Srinagar, Tirupati, Vijayawada, Visakhapatnam, Vizianagaram and Warangal. The candidates are required to indicate one of the Centres along with its code. The codes are given below:

Centre	Code
Ahmedabad	AHM
Aizawl	AIZ
Ananthapur	APR
Bangaluru	BAN
Bhopal	BPL
Bhubaneswar	BNR
Chennai	CNI
Cochin	CHN
Delhi	DEL
Dimapur	DIM
Guwahati	GHT
Hyderabad	HYD

Centre	Code
Jaipur	JPR
Jammu	JAM
Kadapa	KDP
Karimnagar	KMR
Kolkota	KOL
Lucknow	LCK
Madurai	MDR
Mumbai	MUM
Nagpur	NPR
Nellore	NLR
Nizamabad	NZB
Patna	PAT

Centre	Code
Pune	PNE
Raipur	RPR
Ranchi	RNC
Shillong	SHL
Srikakulam	SKM
Srinagar	SNR
Tirupati	TPT
Vijayawada	VIJ
Visakhapatnam	VSP
Vizianagaram	VZM
Warangal	WRL

Note : 1. *Once the option for a Centre is exercised, no request for change of Centre will be entertained.*
 2. *The University reserves the right to cancel any of the above Examination Centres and allot another Centre closer to the Centre cancelled.*

Specific Instructions for providing information against each item of the application form

- Name of the candidate:** Write your name in CAPITAL letters **as was written in the SSC/Matriculation certificate**. One box should be left blank between two parts of the name. In case the name is long and cannot be accommodated within the boxes provided, add additional boxes.
- Father's and Mother's name:** Write your father's and mother's name in CAPITAL Letters and also provide the information on their occupations and annual income.
- (a) **Date of Birth:** Indicate your date of birth in terms of Day, Month and Year. Use numerals 01, 02, ... 31 for day and 01, 02, .. 12 for month, (January, February December respectively). Use the last two digits of the year for the year of birth. For example, 9th of March, 1987 is to be written as 09 03 87
 (b) **Sex:** Write [M] for Male; [F] for Female.
 (c) **Nationality:** Indicate your nationality using the Code [I] for Indian National and [F] for Foreign National.

- (d) **State of Domicile:** Mention the following alphabetical code of the State/Union Territory to which you belong.

State	Code
Andhra Pradesh	AP
Arunachal Pradesh	AL
Assam	AS
Bihar	BH
Chattisgarh	CG
Delhi	DL
Goa	GA
Gujarat	GT
Haryana	HN
Himachal Pradesh	HP
Jammu & Kashmir	JK
Jharkhand	JH
Karnataka	KN

State	Code
Kerala	KL
Madhya Pradesh	MP
Maharashtra	MT
Manipur	MN
Meghalaya	MG
Mizoram	MZ
Nagaland	NG
Orissa	OR
Punjab	PN
Rajasthan	RJ
Sikkim	SM
Tamil Nadu	TN
Tripura	TR

State	Code
Uttaranchal	UA
Uttar Pradesh	UP
West Bengal	WB
Andaman & Nicobar	AN
Chandigarh	CH
Diu and Daman	DD
Dadra & Nagar Haveli	DN
Lakshadweep	LD
Pondicherry	PO
Foreign National	FN

- (e) **Category:** Indicate the code corresponding to your category in the boxes provided.

General	GE
Other Backward classes	OBC
Scheduled Caste	S C
Scheduled Tribe	S T

- 4.a) **Choice of entrance examination centre :** The candidates are required to indicate one of the centers along with its code where he/she intends to appear for the examination.
- b) **Course / Programme of Study (PS) and Subject of Study (SS) Codes:** Each course / programme and subject has been given two letter codes. These codes are available at the beginning of these instructions. Write the correct code of the course/programme and the subject for which you have applied.
- c) **Choice/Preferences:** Select the preference code of the course/programme and subject from the list of the courses/programmes mentioned in the tabular form for which single application can be used for any of the 8 courses listed there.
- d) **PWD and Wards/Dependants of Defence Personnel category:** If claiming reservation under Persons with Disabilities (Physically challenged) and the wards/dependants of Defence Personnel category, indicate the code corresponding to your category in the boxes provided.
- | | |
|---------------------------------------|----|
| Persons with disabilities | PH |
| Wards/dependants of Defence personnel | DP |
- e) In case of PWD, specify whether;
- | | |
|----------------------------|----|
| Visually Handicapped | VH |
| Hearing Impaired | HI |
| Orthopadically Handicapped | OH |
5. Mention the course/programme viz., M.A., M.Sc., M.Phil, etc. and the subject viz., English, Mathematics, Economics, etc. for which you are applying in the boxes provided.

6. (a) **Result of the qualifying degree exam:** Write present position regarding the result of your qualifying degree examination indicating it by using one of the following codes:
 If you have already passed the qualifying examination, write E P
 If you have appeared for the said examination and are waiting for the result, write R A
 If you have not yet appeared for the said examination and appearing the qualifying degree exam and expecting results and certificates before 31/07/2012, write N A
- (b) Provide the information on the percentage of marks you have secured in the qualifying exam. If the final year result of the qualifying degree is not available, write the percentage of marks available.
- (c) **Distinction in Sports and Cultural activities:** Candidates for admission to P.G. Courses / Integrated Master's Degree Courses in Sciences, Humanities and Social Sciences, if seeking weightage for excellence in sports and cultural activities at State/ National level should fill this column and tick (✓) the relevant box/boxes and also enclose copies of certificates in support of their claim, failing which no weightage would be given.
7. (a) If you are in the main list of IIT-JEE 2012 or a scholar of KVPY 2012 or a participant in Science Olympiad or first ranker in CBSE/ICSE/State Boards of +2 education, provide the information and also enclose a copy of the rank card/certificate.
- (b & C) Provide the information about the GATE subject and GATE scores if applying for M.Tech. CS/AI/IT, IC Technology, Computational Techniques and Bioinformatics (enclose copy of the GATE score card).
- (d) State whether you are a JRF/RGNF/MANF awardee. (enclose a copy of the award letter)
- 8 – 10 Provide the required information.
11. **Academic Record:** Information relating to your academic record from Matriculation onwards should be furnished under this column indicating clearly name of the University/Board, month & year of passing, subjects studied and passed etc. In case the result of the final examination is not declared or the final examination is yet to be held, the result of the previous years/semesters should invariably be given in the relevant sub-columns. Percentage of marks and the Division secured must be clearly written in the prescribed column.
- The subjects studied and passed should be clearly mentioned indicating separately the percentage of marks obtained under Part-I [(compulsory (language) subjects) and Part-II (optional/ core (group) subjects)].
12. State the reason/s and period of gap, if there was any gap in your studies
- 13 - 17 Provide the relevant information.
18. **Declaration by the applicant:** It should be signed by the candidate herself/himself. If the signature is found to be fake at any time (during or after completion of the course) will lead to automatic cancellation of the student's admission in the University, if granted/cancellation of the degree if awarded in addition to appropriate action as the University may deem fit.
19. **Declaration by the Father/Mother/Guardian:** This should be signed strictly by the Father or Mother of the candidate, or by the Legal Guardian, if both the parents are not alive. The signature of Parent(s) / Legal Guardian appearing in the respective application form submitted by the student will be used for all purposes as the authentic one and liable for verification by State/ Central Governments or other organizations as the case may be, during the period of the studies in the University. If the signatures of Parent(s) / Legal Guardian are found to be fake at any time (during or after completion of the course), the discovery may lead to automatic cancellation of admission of her/his ward, if granted/cancellation of the degree if awarded including appropriate action as the University may deem fit.

Basic Data Form:

Fill the Basic Data Form as per the above instructions. Wherever the information is asked for in the box, tick (✓) the relevant box with Blue or Black Ball point or Sketch pen. For Example, providing information on the category, if you belong to OBC category, the same should be provided as follows:

Correct Method:	Wrong Methods :
Category	Category
<input type="checkbox"/> GE <input checked="" type="checkbox"/> OBC <input type="checkbox"/> SC <input type="checkbox"/> ST	<input type="checkbox"/> GE <input checked="" type="checkbox"/> OBC <input type="checkbox"/> SC <input type="checkbox"/> ST
	<input type="checkbox"/> GE <input type="checkbox"/> OBC <input type="checkbox"/> SC <input type="checkbox"/> ST

General

Permanent address of the candidates shall be the base for considering hostel accommodation. Candidates who require hostel accommodation will be required to produce a residence or nativity certificate issued by a competent authority at the time of admission, if granted. Therefore, candidates are advised to furnish the correct permanent and present mailing address at the place provided both in the Basic Data Form and the Application Form. The University is not sending the Hall Tickets, information to the short-listed candidates for interview and the candidates selected / wait listed for admissions by post. Therefore, it is the responsibility of the candidates to get the information by checking the University website from time to time and download the Hall Tickets, results and the relevant formats required for admission. The University will not be held responsible for communication of the same.

Candidates belonging to (i) SC/ST/OBC categories, (ii) PWD and wards/dependants of Defence personnel categories, (iii) those seeking weightage for distinctions achieved in sports and cultural activities (if applying for admission to P.G. courses, 5-year Integrated P.G. Courses), and (iv) GATE qualified candidates seeking admission to M.Tech.(CS / AI / IT), IC Technology, Computational Techniques and Bioinformatics are required to submit copies of the relevant certificates of their claim. SC/ST candidates belonging to the state of Andhra Pradesh must submit Integrated Community Certificate introduced by the State of Andhra Pradesh. OBC (non creamy layer) candidates must submit the certificate issued by a competent authority in the form prescribed by the Govt. of India.

Foreign nationals having their qualifying degree from abroad are required to submit copies of all relevant certificates of their academic qualifications with English version of these certificates (if they are in a different language).

The candidates may submit their filled-in applications either by post addressed to the Deputy Registrar (Acad & Exams), University of Hyderabad Campus, Hyderabad 500 046 or in person at the Academic Section, in the office of the Controller of Examinations, University of Hyderabad Campus, Hyderabad.

The last date for submission of filled in application forms complete in all respects is **04.05.2012**.

The application and other relevant papers are to be pinned/stapled in the following order:

- i. Demand Draft for downloaded / Xeroxed application forms
- ii. Basic Data form duly affixing a passport size photo at the space provided (Photo should be affixed using the gum but should not be stapled)
- iii. Application form
- iv. Attested copy of the relevant certificate in respect of SC/ST/OBC/PWD/DP candidates
- v. Attested copy of the GATE / JRF, in the case of applicants for M.Tech / M.Phil/ Ph.D.

- vi. Attested copies of the certificates in support of distinction achieved in sports and cultural activities at State / National level. (if applying for admission to P.G. / 5-year Integrated P.G. courses only)
- vii. Attested copies of (a) Rank Card of IIT-JEE 2012 or the award letter of the KVPY 2012 or rank certificate of +2 education or the participation certificate in Science Olympiad 2012 (b) Medium of Instruction at +2 level and (c) Proof of Residence & Study Certificate upto +2 level for Backward District candidates in the case of candidates applying for M.A./M.Sc. (5-year Integrated) Courses.

Incomplete applications, applications not accompanied by the requisite enclosures and those received after the closing date will not be entertained.

Issue of Hall Tickets for the Entrance Examinations

- a) The Hall Tickets will be made available on the University's Website www.uohyd.ac.in and <http://schools9.com> by 21/05/2012 for downloading. The University will not send the Hall Tickets by post. Therefore, it is the responsibility of the candidates to download the same and appear for the examinations.
- b) The candidates will not be permitted to write the entrance exam at any other centre except the centre mentioned in the hall ticket.
- c) *It may be noted that all those who apply may be issued Hall Tickets without verifying whether or not they satisfy the eligibility criterion for admission to a course. This will be finally verified at the time of admission, if granted. The candidates are therefore advised to go through the Prospectus-cum-Application Form 2012-2013 carefully and judge on their eligibility before submitting their application forms. Despite this caution, in case the candidates do not meet the minimum eligibility criteria and still apply and appear for the entrance examination, they will do so at their own risk and cost. Mere issue of Hall Ticket and allowing a candidate for entrance exam including interview / practical test will not entitle a candidate for any claim on admission if She/he is not fulfilling the required eligibility conditions for admission as prescribed in the Prospectus-cum-application form 2012-13 which will be thoroughly verified at the time of admission, if granted. At any stage if it is found that any candidate does not fulfill the minimum eligibility requirements, his/her candidature will not be considered for admission and if the admission is granted, it shall be cancelled forthwith.*
- d) *Use of cell/mobile phones in the Examination Hall is strictly prohibited.*

Note: The Question papers for admission to some of the courses as listed below are in objective or multiple choice questions, which will be evaluated using the OMR technology. The candidates will be required to mark the answers in the OMR Sheet with black or blue ball-point/ sketch pen during the period of the test. Necessary instructions will be given in the respective question papers. Therefore the candidates applying for these courses should bring black or blue ball-point / sketch pen to the Examination.

- Master's Degree (5-year Integrated) Courses in Humanities, Social Sciences, and Sciences.
- All M.Sc. Courses
- M.A. Hindi, Telugu, Applied Linguistics, Economics
- Adv. PG Dip./M.Tech. Course in Mineral Exploration,
- PG Dip. Health Fitness & Life Style Management, Health Communication
- M.Phil. Hindi, Telugu, Applied Linguistics, Translation Studies, Economics, Cognitive Science
- Ph.D. Physics, Plant Sciences, Animal Sciences, Biotechnology, Hindi, Applied Linguistics, Translation Studies, Economics, ACRHEM, Materials Engineering, Nano Science and Technology, Earth and Space Sciences, Cognitive Science.

University of Hyderabad

Basic Data Form - 2012

Hall Ticket Number
(to be filled by the office)

Application Form No.

1. Read the instructions carefully before filling the form
2. Use only **CAPITAL** letters
3. Tick ☒ the relevant boxes
4. **Take 100% laser Print out on A4 sheet only.**

Name of the candidate (same as in the SSC / Matriculation Certificate)

[illegible]

Choice of Entrance Exam Centre Code	Course/Programme of Study						Choice / Preferences <small>(Applicable for the Courses where preference is provided)</small>										Whether							
																	<input type="checkbox"/> PH <input type="checkbox"/> DP							
																	in case of PH specify							
																	<input type="checkbox"/> VH <input type="checkbox"/> HI <input type="checkbox"/> OH							

Course Applied for – Program : Subject :

Position regarding the results of the Qualifying Examination <div style="border: 1px solid black; padding: 2px; display: flex; gap: 10px;"> <input type="checkbox"/> EP <input type="checkbox"/> RA <input type="checkbox"/> NA </div>	If the result of the qualifying degree is already declared indicate % of Marks <div style="border: 1px solid black; padding: 2px; display: flex; align-items: center; justify-content: center; width: 100px;"> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> </div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> </div> <div style="margin: 0 5px;">.</div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> </div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> </div> </div>	Distinction in Sports / Cultural activities (Attach copies of the certificates) <div style="border: 1px solid black; padding: 2px; display: flex; gap: 10px;"> <input type="checkbox"/> State Level <input type="checkbox"/> National Level </div>
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<p>(for 5 year integrated & PG courses only)</p> <p>Are you a Scholar of KVPY/Science Olympiad/ IIT JEE Ranker / I ranker at +2 Boards</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, Enclose a copy</p>	<p>(for M.Tech only)</p> <p>GATE Subject</p> <p><input type="text"/></p> <p>Enclose a copy of GATE Score Card</p> <p>GATE Percentile Score</p> <p><input type="text"/><input type="text"/> . <input type="text"/><input type="text"/></p>	<p>JRF/RGNF/MANF awardees (for M.Phil / Ph.D. only)</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, enclose a copy</p>
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Applicable for M.A./M.Sc. (5-Year Integrated) Courses only				
Do you belong to any of the backward districts notified by the Govt. of India	If yes, indicate	Place of birth	District	State
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Medium of Instruction in Intermediate or equivalent course (at + 2 level)		If other than English, specify the medium		
<input type="checkbox"/> English <input type="checkbox"/> Other		<input style="width: 100%;" type="text"/>		

For Statistical Purpose only				
Whether you are interested to enroll in NSS	<input type="checkbox"/> Yes <input type="checkbox"/> No	Do you belong to any minority community	<input type="checkbox"/> Yes <input type="checkbox"/> No	<div style="display: flex; justify-content: space-between;"> <div>If yes, indicate Community</div> <div>Religion</div> </div> <div style="display: flex; justify-content: space-between; height: 30px;"> <div></div> <div></div> </div>

Present Mailing Address <div style="border: 1px solid black; height: 100px; margin-top: 5px;"></div>	PIN : _____	Signature of the Candidate <div style="border: 1px solid black; height: 80px; margin-top: 5px;"></div>
---	-------------	---

Paste here
one recent
Passport Size
Colour Photograph.

DO NOT STAPLE

Tel./Mobile No:

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 e-Mail :

Particulars of Demand Draft towards the Entrance Examination Fees					For Office Use D.D. Verified & Detached by <div style="display: flex; justify-content: space-between;"> Signature Date </div>	
DD No.	DD Date	DD Amount	Issuing Bank & Branch			
<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div>	/ /2012	Rs.				



University of Hyderabad

Application for Entrance Examinations – 2012

Application Form No.

Hall Ticket Number
(to be filled by the office)

Note:

1. Read the instructions carefully before filling the form
2. Use only **CAPITAL** letters

Specimen Signature of the
Father / Mother / Guardian

Specimen Signature of the Candidate

Paste here
one recent
Passport Size
Colour Photograph.

DO NOT STAPLE

1. Name of the candidate (same as in the SSC / Matriculation Certificate)

2. Father's Name:

Occupation:

Annual Income Rs.

Mother's Name:

Occupation:

Annual Income Rs.

3. 1) Date of Birth (dd-mm-yy)

b) Sex

c) Nationality

d) State of Domicile

e) Category

☐ Male
 ☐ Female

☐ Indian
 ☐ Foreign

☐ GE
 ☐ OBC
 ☐ SC
 ☐ ST

4.a) Choice of
Entrance Exam
Centre Code

b) Course/Programme
of Study
PS SS

Choice / Preferences
(Applicable for the Courses where preference is provided)

d) Whether

1st

2nd

3rd

4th

5th

☐ PH
 ☐ DP

5. Course Applied for– Program:

Subject:

6.a) Position regarding the results
of the Qualifying Examination

b) If the result of the qualifying degree is
already declared indicate % of Marks

c) Distinction in Sports / Cultural activities
(Attach copies of the certificates)

☐ EP
 ☐ RA
 ☐ NA

☐ State Level
 ☐ National Level

7. a) For 5 year integrated & PG courses only
Are you a Scholar of KVPY/Science Olympiad/
IIT JEE Ranker / I ranker at +2 Boards

b) For M.Tech. only

c) JRF/RGNF/MANF
awardee
(for M.Phil / Ph.D. only)

☐ Yes
 ☐ No

If yes, Enclose a copy

GATE Subject

GATE Percentile Score

☐ Yes
 ☐ No

If yes, enclose a copy

Applicable for M.A./M.Sc. (5-year Integrated) Courses only

8. Do you belong to any of the backward
districts notified by the Govt. of India

If yes, indicate Place of birth

District

State

☐ Yes
 ☐ No

9. Medium of Instruction in Intermediate
or equivalent course (at +2 level)

☐ English ☐ Other

If other than English,
specify the medium

For Statistical Purpose only

10. Whether you are
interested to
enroll in NSS

☐ Yes
 ☐ No

Do you belong
to any minority
community

☐ Yes
 ☐ No

If yes, indicate Community

Religion

11. Particulars of past academic record from Matriculation onwards

Examination Passed / University or Board		Subjects Studied and Passed	Month & year of Passing	R E S U L T			
				Max Marks	Marks obtained	Per centage	Class/ Division
Matric / SSC						
Inter / HSC (10 + 2)						
Bachelor's Degree (B.A./B.Sc. / B.Com., etc.)	<u>1st year courses</u> Compulsory subjects (Languages)	1. English 2. 3.					
.....	Optional / Core subjects (Group)	1. 2. 3. 4.					
University:	<u>2nd year courses</u> Compulsory subjects (Languages)	1. English 2. 3.					
.....	Optional / Core subjects (Group)	1. 2. 3. 4.					
.....	<u>3rd year courses</u> Optional / Core subjects (Group)	1. 2. 3. 4.					
		Aggregate					
Master's Degree		1 st year marks					
.....		2 nd year marks					
..... Subject University	Aggregate					
M.Phil./ M. Tech.						
Any other Degree / Diploma BE/B.Tech./ M.C.A. etc.						

12. State if there was any gap in your studies. Give period, reasons etc:

13. If applying for M.Phil., M.Tech., or Ph.D. programmes

a) Mention areas of research interests in order of preference:

1)..... 2)..... 3).....

b) Give details of publications & research work carried out, if any

.....
.....
.....

c) Have you qualified in the UGC/CSIR National level test for JRF ?

Write, Yes or No

☐

(also, NBHM fellowship test in case of admission to Ph.D. Mathematics and ICMR/ICAR/DBT fellowship tests in case of Ph.D admission in the School of Life Sciences) or possessing RGNF/MANF

If yes, give the following details:

Name of the Exam:.....

Roll No..... Subject:..... Year & Date of examination

If holding the Fellowship, the date from which it is held : Date ____ Month : ____ Year : ____

d) Do you possess M.Phil/M.Tech degree ?
(for those applying for Ph.D. admission)

Write, Yes or No

☐

e) Are you seeking exemption from appearing in the written test on the basis of your having qualified in UGC/CSIR JRF test/NBHM/ICMR/ICAR/DBT Fellowship test/ awardees of RGNF/MANF.

Write, Yes or No

☐

Did you avail the exemption on an earlier occasion?

Write Yes or No

☐

f) Write whether you are applying for Regular, Part-time or External Registration to Ph.D.

Note: Candidates with UGC-NET for lectureship alone and possessing M.Phil./M. Tech. Degree are not exempted from the written test

14. Present or previous employment, if any

Organisation & Address	Position Held	From - To	Nature of Duties

15. Do you require Hostel Accommodation ?

Write, Yes or No

☐

16. Were you ever subjected to a disciplinary action by any authority ? Write, Yes or No

☐

If yes, give details

17. Any other relevant information:

18. DECLARATION BY THE APPLICANT:

I hereby declare that all the information furnished by me in this application and in the documents I have submitted in support of my application are true, complete and correct. In case any information in this application is found to be false or incorrect at any time (during or after completion of the course), this shall entail automatic cancellation of my admission, if granted, cancellation of the degree if awarded, besides rendering me liable to such action as the University may deem fit.

In the event of any medical or other emergency, my parent/s or Guardian may be contacted at the address given below

Place:

Date:

Signature of the Candidate

19. DECLARATION BY THE FATHER/MOTHER/GUARDIAN:

My daughter/son/ward Mr./Ms..... is applying for admission to the University. In case of her/his admission to the University, I shall be responsible for payment of all her/his fees and other charges including any emergency, medical or other expenses incurred by the University. In case any information in this application is found to be false or incorrect at any time (during or after completion of the course), this shall entail automatic cancellation of my daughter's/son's /ward's admission, if granted, cancellation of the degree if awarded, besides rendering her/him liable to such action as the University may deem fit. I will also be responsible for her/his good conduct and behaviour during the period of her/his stay in the University. Further, I may be contacted in the event of any emergency as determined by the University and I hereby promise that I will make myself present before the University authority at my own cost whenever the University require my presence.

Signature of the parent / Guardian

Place

Full Name

Date

Relationship with the applicant

Telephone Numbers (if any): (Office):

(Residence):

Note: Signature of the candidate and the parent in this application form will be considered as the basis for all verification purposes in the University.

PRESENT RESIDENTIAL ADDRESS	PERMANENT ADDRESS												
.....												
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PIN <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							PIN <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						
Mobile/Telephone No.....	Mobile/Telephone No.....												
Email :	Email :												

Academic Calendar 2012-2013

Monsoon Semester	(July – December 2012)
Important dates	
Reopening after summer vacation	13.6.2012
Entrance Examinations	01.06.2012 to 07.06.2012
Last date for payment of fees and semester registration	
I semester (fresh students)	At the time of admission
Ongoing students – without fine	16.07.2012 to 23.07.2012
With a fine of Rs. 500/-	24.07.2012 to 31.07.2012
Suppl. / Imp. Examinations	19.07.2012 to 26.07.2012
Teaching schedule	16.07.2012 to 12.11.2012
Semester examinations	13.11.2012 to 26.11.2012
Winter Vacation	
For students	27.11.2012 to 01.01.2013
For faculty	01.12.2012 to 01.01.2013
Suppl./Imp. Examinations	07.01.2013 to 15.01.2013
Winter Semester	(January – June 2013)
Important dates	
Last date for payment of fees and semester registration	02.01.2013 to 09.01.2013
With a fine of Rs. 500/-	10.01.2013 to 21.01.2013
Teaching Schedule (for all students)	02.01.2013 to 22.04.2013
Semesters examinations	23.04.2013 to 03.05.2013
Summer Vacation	
For students	04.05.2013 to 14.07.2013
For faculty	11.05.2013 to 12.06.2013
Reopening after summer vacation	13.06.2013

List of Holidays (2012)

15.08.2012	Independence Day
20.08.2012	Idu'l Fitr
19.09.2012	Ganesh Chaturdhi
02.10.2012	Mahtma Gandhi Birthday
24.10.2012	Dussehra (Vijaya Dashmi)
27.10.2012	Idu'l Zuha (Bakrid)
13.11.2012	Diwali (Deepavali)
25.11.2012	Muharram
28.11.2012	Guru Nanak's Birthday
25.12.2012	Christamas

UNIVERSITY OF HYDERABAD
(A Central University established by an Act of Parliament)

CONTACTS

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