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### 1.THE UNIVERSITY AND SCHOOLS OF STUDIES

Established in 1969, the Jawaharlal Nehru University (JNU) has in more than 39 years of its existence carved out a distinctive niche for itself in the academic and intellectual life of India. Originally conceived as an institution that would embody Jawaharlal Nehru's visions and ideals, the First Schedule of the University Act emphasizes the principles for which he had worked during his life time: "national integration, social justice, secularism, democratic way of life, international understanding and scientific approach to the problems of society." Without deviating from these initial objectives, JNU nevertheless, over the years, has been attempting great deal more, participating in new adventures of ideas, experimenting with innovative methods of research, taking intellectual initiative and expanding the frontiers of knowledge. It has become in the process a more appropriate living memorial to Jawaharlal Nehru than any static monument could ever have been, testifying to the wisdom of the 12th century Kannada poet Basavanna who said:

*..... things standing shall fall  
but the moving shall ever live.*

The once rugged terrain of the Aravali range where the 1000 acre campus is situated is now covered with greenery, brightened by a profusion of bougainvillea and lively young people from far and wide. JNU attracts students from all over the country and abroad and from diverse strata of society, creating a vibrant composite community in the campus, reflecting in a microcosm Jawaharlal Nehru's dream of an integrated nation. To maintain the national and the democratic character of the University an All-India admission test is conducted at various centres, spread across the country from Ahmedabad to Shillong and from Srinagar to Thiruvanthapuram. Residential facility is provided in the 18 hostels on campus which accommodate some 4400 students. Inclusion of students from the underprivileged castes and ethnic groups is ensured through the 22.5% reservation policy. Overseas students, who form about 10% of the annual intake, enrich the cultural and intellectual life of JNU. There is a long tradition of holding serious after-dinner meetings in the hostels to which the students often invite well known public figures, writers and intellectuals. The Students' Union election, another democratic convention of JNU, is conducted annually entirely by the students in a lively but peaceful manner, without any intervention from the faculty or administration.

The faculty also represents a national cross-section, and many of the academic staff live on the campus. Instead of being segregated in one part of the campus, the faculty houses are interspersed with the hostels, an arrangement which contributes to an atmosphere of easy and informal student-teacher interaction.

The educational philosophy of the university gets translated into its somewhat unorthodox academic structure. Grounded in a faith in the unity of knowledge, JNU avoided the narrowly conceived department structures of conventional universities, preferring instead to bring allied disciplines within a few broad and inclusive parameters called Schools, under whose interactive ambit are placed the more specialised units called Centres. At the Master's level, where most of the Schools begin their academic programmes, the training is largely oriented towards single disciplines (although even MA students are encouraged to do a few courses outside their subject), but at the research level the disciplinary boundaries are more fluid. Work in overlapping or borderline areas-say, between Literature and History, Economics and Education, Physics and Chemistry or Mathematics and Biology is not uncommon among the Ph.D. students of JNU. Not only are research Scholars encouraged to cross the invisible walls around disciplines, the relationship between the academy and the world outside also remain negotiable, sometimes resulting in mutually beneficial collaboration in areas that are socially, culturally and technologically relevant to our country.

At present there are ten Schools and four Special Centres in the University

- School of Arts & Aesthetics
- School of Biotechnology
- School of Computer and Systems Sciences
- School of Environmental Sciences
- School of Computational and Integrative Sciences
- School of International Studies
- School of Language, Literature and Culture Studies
- School of Life Sciences
- School of Physical Sciences
- School of Social Sciences

#### **Special Centres**

- Centre for the Study of Law and Governance
- Centre for Molecular Medicine
- Centre for Sanskrit Studies
- Centre for Nano Sciences

JNU has been recognized as a University with potential for excellence by the University Grants Commission. Among the other facilities available in JNU are two sophisticated instrumentation centres - CIF (Central Instrumentation Facility) which is part of the School of Life Sciences, and AIF (Advanced Instrumentation Facility) which is engaged in various in-house R & D activities. The Languages Laboratory Complex, the best of its kind in Asia, is equipped with video and audio facilities including a studio and an auditorium, and is justly proud of its rich software library.

Towering over all other buildings in the Academic Complex is the eight-storey University Library, the only high-rise building in the entire campus, proclaiming its rightful centrality in the life of JNU. It houses more than 5.63 lakhs which includes books, serials, non-book materials etc., subscribes to 698 journals and also receives 105 journals by way of gifts or exchange. The inter-library loan service supplements the library's own holdings. An on-line computer catalogue is available in respect of books acquired after 1990. The Archives of Contemporary History has in its holdings a very large collection of source material on the Left Movements in India.

As in the academic structure, so in its teaching process and evaluation pattern, JNU departs from the beaten path by emphasizing the continuity of the learning process rather than isolating the final examinations. as the only tool of measuring achievement. Evaluation is done throughout the semester, ensuring the students' participation and involvement in curricular work, and re-animating the collaborative process of generating knowledge in the class room. Even at the M.A. level students are encouraged to carry out independent research projects in limited areas which result in short term papers. At the M.Phil. and Ph.D. level the close relationship between the student and the supervisor that adds an edge of excitement to research is made possible by the high student-teacher ratio in the University.

The University has provision for transfer of grades and credits to institutions which have academic collaboration with JNU through MOU (Memorandum of Understanding).

The University brings out four research journals which have high academic visibility in India and outside. These are Studies in History, International Studies, Journal of the School of Language, Literature and Culture Studies and Hispani Horizons. The faculty and research students of JNU are the major contributors to these journals, but papers by other scholars are also included.

### School of Arts & Aesthetics (SAA)

The SAA offers intensive MA and M.Phil./Ph.D. programmes along with fully research oriented Ph.D.s in the streams of the Visual Arts, Cinema Studies and Theatre and Performance Studies. Moreover, it is the only place in India where these disciplines are offered that allow students to understand a particular art form in its broader cultural context.

In keeping with recent approaches to the field, the arts are studied here through a multidisciplinary approach. Students are introduced to a range of research methods that combine archival, ethnographic, theoretical and cultural approaches that are enriched by methods and insights from many fields: sociology, linguistics, cultural studies, political science, economic history, semiotics and feminist studies.

### School of Biotechnology (SBT)

The School for Biotechnology endeavours to develop human resources in the area of biotechnology and their exploitation in the field of industry, medicine and agriculture. The School carries out research and teaching (Pre-Ph.D. level) in highly inter-disciplinary area of Biotechnology. The current areas of research activities are the following: Gene Transfer and Expression in Eukaryotic System, Transcription Control and Gene Regulation, Protein Engineering, Molecular Biology of Infectious Diseases, Molecular Immunology, Protein Stability, Conformation & Folding, Optimization of Recombinant Protein Production, Structural Biology & Molecular Bioinformatics, and Biochemical Engineering. The School offers Pre-Ph.D./Ph.D. and M.Sc. programmes in Biotechnology.

### School of Computer and Systems Sciences (SC&SS)

The School of Computer & Systems Sciences was established way back in 1975. It is one of the foremost institutions to start teaching and research programmes in the broad areas of computer science. The School has established itself as one of the most prestigious institutions in the area of computer education in the country. The School offers programmes of instruction and research leading to degree of MCA, M.Tech.(M.Phil.) and Ph.D. It attracts best of the students from all over the country. Every year around ten thousand students including applicants from the neighbouring SAARC countries, appear for the MCA and M.Tech. entrance examination. The popularity of the courses offered can be judged from the excellent (100%) placement of successful students in the best of the companies in the field of Computer Science and

Information Technology. The graduates from the School have been placed in companies such as IBM, CSC, Flextronics, Siemens, HP, Parot Systems, CSG, Accenture, Cadence, Genpact, etc. The School has trained students from foreign universities in the field of Computer Science.

The School continues to be at the forefront of offering interdisciplinary courses - a goal in JNU's charter.

The School has the following specialized laboratories where M.Tech./M.Phil., Ph.D. students are actively engaged in research: Artificial Intelligence & Software Engineering, Data Communication and Networks, Microprocessor and Operating Systems, Multimedia & Modelling, Natural Language Processing, Parallel Processing and Distributed Computing, Systems Software.

**THRUST AREAS:** Computer Graphics, Databases, Data Mining, Knowledge Engineering, Mobile Networks, Modelling and Simulation, Natural Language Processing, Optimization Theory, Parallel and Distributed Computing.

### School of Environmental Sciences (SES)

Established in 1974, the School began with MPhil./Ph.D. programme and later introduced an M.Sc. programme in 1987. The School endeavours to study the problems of Environment in an integrated manner using the concepts and techniques of Biological, Chemical, Geological and Physical Sciences. The research activities of the School may be classified into the following broad areas:

- Development of Mathematical techniques for linear and nonlinear systems; Meteorology, Air and Noise Pollution; Applications of Lasers, Microwaves and Ultrasounds, Bioelectromagnetics to environmental problems.
- Application of Geology and Geochemistry to rocks, soil and sediment forming processes; water pollution; oceanic and aquatic systems and mineral resources. Application of Remote Sensing to natural resource exploration, exploitation and natural hazards.
- Environmental Monitoring and Management of air, water and soil pollution; Waste Recycling, Solid Waste Management; Environmental Impact Assessment.
- Ecosystem Energetics; Ecological Planning; Plant and Aquatic Ecology; Environmental Toxicology; Environmental Physiology and Health; Environmental Biochemistry and Molecular Biology.

### School of Computational and Integrative Sciences (SCIS)

The School of Information Technology brings us to the forefront of the most modern way of dissemination of knowledge. Its facilities are already available at three locales on the Campus. The aim of this School is to pursue basic and applied research in the area of computational and systems biology and genomics, macromolecular structure prediction and drug design, biological database management and analysis. The School offers Pre-Ph.D./Ph.D. in Computational Biology and Bioinformatics & Integrated M.Sc-Ph.D. programme in Computational and Integrative Sciences with a specialisation either in Computational biology or Complex Systems. The School also provides technical support for the Computer & Information Services for the whole University.

### School of International Studies (SIS)

Established in 1955 as an independent institution, the School of International Studies had already acquired a reputation for its research achievements by the time it became part of JNU in 1969. This School is one of the first to promote the concept of Area Studies in India and develop multi-disciplinary expertise about different regions of the world. Direct exposure to life and thought in the countries concerned is also attempted by enabling research students to visit the countries of their area of specialization for short durations and making them learn the relevant languages.

Apart from holding national and international seminars on topics pertaining to Area Studies, the School co-ordinates a series of extension lectures every year on a previously decided theme. The teaching/research in this School is carried out in ten Centres, covering among them most of the regions of the world as well as the functional facets of international relations. All the Centres share in teaching one integrated M.A. course with specialisation in International Relations and the Centre for International Trade and Development runs an M.A. programme in Economics (with specialization in World Economy). Each Centre has two or three M.Phil./Ph.D. programmes.

The School of International Studies consists of the following Centres:

- Centre for Canadian, US and Latin American Studies
- Centre for European Studies
- Centre for International Legal Studies
- Centre for International Trade and Development

- Centre for East Asian Studies
- Centre for International Politics, Organization and Disarmament
- Centre for Russian and Central Asian Studies
- Centre for South Asian Studies
- Centre for Indo-Pacific Studies
- Centre for Inner Asian Studies
- Centre for African Studies
- Centre for West Asian Studies
- Centre for Comparative Politics and Political Theory
- Human Right Studies Programme
- Energy Studies programme

### School of Language, Literature and Culture Studies (SLL&CS)

The School of Language, Literature and Culture Studies is the largest in the University in terms of number of Centres, levels and range of programmes as well as number of students.

There are 12 Centres in the School, viz:

- Centre of Arabic and African Studies
- Centre for Chinese and South-East Asian Studies
- Centre for French and Francophone Studies
- Centre of German Studies
- Centre of Indian Languages
- Centre for Japanese Studies
- Centre for Korean Studies
- Centre for Linguistics
- Centre of Persian and Central Asian Studies
- Centre of Russian Studies
- Centre of Spanish, Portuguese, Italian and Latin American Studies
- Centre for English Studies

The Centre of Russian Studies is the oldest in the School, which existed as an autonomous institution since 1965 and was merged with JNU in 1969 along with the latter's creation. Its collection of Russian books, numbering over 50,000 is one of the largest in Asia.

The School is the only one of its kind in India where facilities for teaching and research starting from undergraduate upto Ph.D. level in many of the major foreign languages are available. The language of a country being of vital importance in the understanding of its society and culture, the School attempts

to introduce the students to those foreign countries through teaching and research of its language, literature, culture and civilization, as well as through courses in specialized translation and interpretation. In JNU, this School is the only one offering undergraduate and part time programmes of study.

The School offers B.A.(Hons), M.A. and M.Phil/Ph.D. programmes in Arabic, Chinese, French, German, Japanese, Korean, Persian, Russian and Spanish; M.Phil. programme in Portuguese; B.A.(Hons.) 1st Year in Pushto. The School also offers part time programmes (Certificate of Proficiency in Urdu, Bahasa Indonesia, and Mongolian; Diploma of Proficiency in Bahasa Indonesia; Advanced Diploma in Mass Media in Urdu).

The Centre for Linguistics and Centre for English Studies offer M.A., M.Phil/Ph.D. programmes in Linguistics and English respectively. The Centre of Indian Languages offers M.A., M.Phil/Ph.D programmes in Hindi and Urdu, as well as M.Phil./Ph.D. programme in Hindi Translation and Tamil.

The School has a well-equipped language laboratory and Multimedia Complex with facilities for video projection, video and sound dubbing, etc. Beginners are taught foreign languages using audio - visual techniques.

The School also has computer and internet facilities in all the Centres for the use of faculty and research scholars.

The substantive teaching and research programmes in the various Centres of the School undertake sophisticated analyses of literature and cultures, apart, of course, from those of the concerned countries, and aim to stimulate and facilitate young scholars to engage themselves in advanced level studies in languages. The Centres are also actively engaged in developing interdisciplinary and co-operative studies.

The School has active interaction with many foreign universities and has Memoranda of Understanding with some of them, providing collaborative and co-operative arrangements for academic exchange of faculty, scholars, publications, etc.

#### **School of Life Sciences (SLS)**

The main focus of the School of Life Sciences has been to promote excellence in teaching and research in biological sciences in an integrated and interdisciplinary manner. The research focus of faculty and students' encompasses all the frontier areas of modern biology such as plant molecular biology and genomics, biotechnology and genetic engineering, molecular biology, immunology, human molecular genetics, molecular biology of parasitic and infectious diseases,

neurophysiology, microbial biotechnology, cell and development biology, photobiology, radiation and cancer biology, biochemistry and structural biology. Ever since its inception, the School has shared capital equipment and houses them under Central Instruments Facility accessible round the clock to all constituent laboratories. The School also has an animal house and facilities for growing experimental and transgenic plants.

The School has been recognized as a Centre of Excellence under the COSIST and DSA programmes of the University Grants Commission. The School's research is funded by various national agencies such as UGC, DST, DBT, CSIR, ICAR, ICMR and DAE. Several collaborative programmes have also received funds from WHO, USDA, Indo-German, Indo-French, Indo-Israel and Indo-US consortia.

Since its inception 2000 articles based on research carried out in the laboratories of the SLS have been published. Around 300 students of the School have received their Ph.D. degrees. Honours and recognition conferred on the students and faculty of the School include Padma Shri, Bhatnagar Award, Fellowships of the Indian National Science Academy, the Indian Academy of Sciences and the National Academy of Sciences, Birla and Ranbaxy Awards, besides various other distinctions. The School offers M.Sc. and M.Phil./Ph.D. programmes.

#### **School of Physical Sciences (SPS)**

The School of Physical Sciences was established in 1986. In this short period, it has emerged as one of the leading Centres in India in terms of research and teaching in physical sciences. The School was instituted with the idea of pursuing novel physical problems interfacing physics, chemistry and mathematics. The School has made useful contributions to these interdisciplinary areas, in addition to significant contributions in the more traditional areas of physics and chemical physics. The major research areas of interest include computational physics, condensed matter physics, disordered systems, materials science, nonlinear dynamics, nonlinear optics, quantum chaos, quantum field theory and statistical mechanics.

The School offers Pre-Ph.D./Ph.D. programme in Physical Sciences, Chemical Sciences and Mathematical Sciences. M.Sc. programme was started in 1992. Most of the component courses have a strong emphasis on problem solving. The highlight of the M.Sc. programme is the set of special courses offered in the final semester, These strongly reflect the unique research interests of the SPS faculty and train students in emergent areas of the physical sciences.

SPS has been recognized as a Centre of Excellence under the UGC-DRS scheme. Many of its faculty members have received prestigious national awards and have been elected fellows of important scientific academies.

### **School of Social Sciences (SSS)**

The School of Social Sciences is largest of the all post-graduate Schools in the University, admitting a total of more than six hundred students every year to the M.A., M.Phil./Ph.D. programmes of its nine constituent Centres. It has over one hundred faculty members. While research programmes are common to all Centres of the School, M.A. programme is offered in the first five Centres listed below. The M.A. programmes are in Economics, History, Political Science, Geography, Sociology and Development & Labour Studies. All five of these Centres and the Zakir Husain Centre for Educational Studies have been operating the UGC aided Department of Special Assistance Programme (DSA).

- Centre for Economic Studies and Planning
- Centre for Historical Studies
- Centre for Political Studies
- Centre for the Study of Regional Development
- Centre for the Study of Social Systems
- Centre of Social Medicine and Community Health
- Centre for Studies in Science Policy
- Zakir Husain Centre for Educational Studies
- Centre for Philosophy
- Group of Adult Education
- Centre for Women's Studies
- Centre for the Studies of Discrimination and Exclusion
- Centre for Media Studies
- Centre for Informal Sector & Labour Studies
- North East India Studies Programme

The teaching and research programmes in the School have certain innovative elements. While ensuring rigorous discipline oriented training in a Centre, interest is generated in multi-disciplinary study and research by encouraging students to offer courses in other Centres depending upon the aptitude of the student as well as the relevance of these courses to the main discipline. Many students have taken advantage of this opportunity, particularly at the M.Phil. level and the research

activity consequently has been enriched. Innovation in course contents as well as research in stimulating new directions are amply evident from the range of courses offered, and the topics of research undertaken in the School.

#### ● **Centre for Economic Studies and Planning**

The thrust area in teaching and research are economic theory, Indian economic problems, planning and industrialization, trade and development.

#### ● **Centre for Historical Studies**

The Centre provides facilities for specialization at the post graduate level in the ancient, medieval and modern periods of Indian history.

#### ● **Centre for Political Studies**

Research emphasis is on the critical investigation of power structures, social and economic bases of political institutions and processes, and socio-political movements in India.

#### ● **Centre for the Study of Regional Development**

In order to understand the processes of development, various institutional, technological and environmental factors of different regions are studied in all their complexities.

#### ● **Centre for the Study of Social Systems**

Processes of social change, development and modernization are studied, taking into account the mutual interplay of political, economic/religious and legal factors.

#### ● **Centre of Social Medicine and Community Health**

Engaged in generating perspectives and programmes in the field of health, nutrition and family planning, the Centre provides training facilities to physicians, social scientists and nurses in community health.

#### ● **Centre for Studies in Science Policy**

The Centre offers a programme leading to M.Phil/Ph.D. and direct Ph.D as well. This programme exposes students to various interactions between science, technology and society and science and technology policy issues.

#### ● **Zakir Husain Centre for Educational Studies**

Scholars from different social sciences like economics, sociology, history and psychology contribute to interdisciplinary study and research in the field of education.

- **Centre for Philosophy**

The Centre focuses on the study of problems and concerns of Philosophy cutting across traditions and narrow disciplinary boundaries.

- **Centre for Women's Studies**

The Centre for Women's Studies offers M.Phil./Ph.D. and Direct admission to Ph.D. programme.

- **Centre for the Studies of Discrimination and Exclusion**

The Centre for the Study of Discrimination and Exclusion(CSDE) offers M.Phil./Ph.D. and Direct Admission to Ph.D. programme.

- **Centre for Media Studies**

The Centre for Media Studies offers M.Phil./Ph.D. and Direct Admission to Ph.D. programme.

- **Centre for Informal Sector & Labour Studies**

The Centre for Informal Sector & Labour Studies offers M.A. and Direct Admission to Ph.D. programme.

- **Group of Adult Education**

The Group of Adult Education offers only direct admission to Ph.D. programme.

- **North East India Studies Programme**

The North East India Studies Programme offers only Direct Admission to Ph.D. programme.

**Centre for the Study of Law and Governance (CL&G)**

The Centre for the Study of Law and Governance is a new concept. By nature a multi-disciplinary centre, it involves the disciplines of history, sociology, political science, economics and philosophy at the very outset. Its focus is spread out from the management of institutions-public and private, political, social order. It also involves the study of the problems of work culture, and human rights. The Centre offers M.Phil./Ph.D. programme in Law & Governance.

**Centre for Molecular Medicine (CMM)**

The Centre for Molecular Medicine is engaged in the research & teaching programme in the field of Molecular Medicine. The aim of the Centre is to foster research in the field of molecular and cell biology with direct relevance to study of human diseases. The following are the current major broad areas of research interest of the centre: a) Metabolic Disorders, b) Infectious Diseases, c) Diagnostics. The Centre offers Pre-Ph.D./Ph.D. programme in Molecular Medicine and Integrated M.Sc.-Ph.D Programme in Molecular Medicine.

**Centre for Sanskrit Studies (CSS)**

The Centre for Sanskrit Studies in JNU has been established to negotiate between, and bring together, through interactive projects, the traditional scholars/scholarship and the mainstream university scholars/scholarship, undertake maintenance and preservation of heritage texts and manuscripts, constitute and expound theoretical framework from the primary intellectual texts of the Sanskrit tradition, and extend and validate the classical theories by applying them both to contemporary Indian reality (modern Indian languages, literatures, etc.) and to contemporary European Languages and literatures (to reverse the existing date-theory relationship between the Indian academy and the Western academy and to recover theory status for the Indian thought), undertake comparative research in Indian and Western traditions of thought in linguistics, literary and cultural theory, philosophy including philosophy of language, metrics and prosody, sociological thought, polity, gender, and ethnic studies and culture. These objectives are sought to be achieved by training students and researchers through a carefully evolved teaching and research programmes. The Centre offers M.A. and M.Phil./Ph.D. programmes in Sanskrit . Certificate of Proficiency in Pali.

**2. PROGRAMMES OF STUDY AND ELIGIBILITY CONDITIONS**

**I. SCHOOL OF INTERNATIONAL STUDIES**

- (A) **M.PHIL/PH.D. IN :** INTERNATIONAL POLITICS, INTERNATIONAL ORGANISATION, DIPLOMACY AND DISARMAMENT, POLITICAL GEOGRAPHY; INTERNATIONAL LEGAL STUDIES; INTERNATIONAL TRADE AND DEVELOPMENT; SOUTH ASIAN STUDIES; INNER ASIAN STUDIES; INDO-PACIFIC STUDIES(SOUTH EAST ASIAN/SOUTHWEST PACIFIC); CHINESE, JAPANESE & KOREAN STUDIES; WEST ASIAN STUDIES; AFRICAN STUDIES; CANADIAN, UNITED STATES AND LATIN AMERICAN STUDIES; EUROPEAN STUDIES; AND RUSSIAN & CENTRAL ASIAN STUDIES.

**ELIGIBILITY: (a) For Centre for International Politics,**

Master's degree in Political Science, History, Economics, Geography, Sociology, Defence/Strategic Studies, International Relations and Area Studies with at least 50% marks or

Master's degree in Humanities and other Social Sciences with at least 60% marks or Master's degree in Natural Sciences with at least 65% marks. **(b) For Centre for International Legal Studies:** LL.B. (Three Year) degree after Bachelor's degree with at least 55% marks or an LL.B. (Five year) degree with at least 55% marks in the aggregate or an M.A. with International Law as one of the subjects with at least 55% marks in the aggregate or an LL.M. degree with at least 50% marks in the aggregate. **(c) For Centre for International Trade & Development:** Master's degree in Economics with at least 50% marks and familiarity with Mathematics and Statistics upto Bachelor's level. **(d) For Centre for South Asian Studies, Centre for Indo-Pacific Studies and Centre for Inner Asian Studies:** Master's degree in Political Science, History, Economics, Geography, Sociology, Defence Studies, International Relations and Area Studies with at least 50% marks or Master's degree in Humanities and other Social Sciences with at least 60% marks or Master's degree in Natural Sciences with at least 65% marks. **(e) For Canadian and Latin American Studies:** Master's degree in Political Science, History, Economics, Sociology, Defence/Strategic Studies, International Relations and other allied subject in Social Sciences and Humanities with at least 50% marks or Master's degree in Natural Sciences with at least 60% marks. **(f) For US Studies:** Master's degree in Political Science, History, Economics, Sociology, Defence/Strategic Studies, International Relations, Humanities with at least 50% marks. **(g) All other Centres:** Master's degree in Political Science, History, Economics, International Relations and Area Studies with at least 50% marks or Master's degree in Humanities and other Social Sciences with at least 60% marks or Master's degree in Natural Sciences with at least 65% marks.

**(B) M.A. in : POLITICS (with specialization in International Studies)**

**ELIGIBILITY :** Bachelor's degree in any discipline under 10+2+3 pattern of education with at least 50% marks.

**(C) M.A. in : ECONOMICS (with specialization in World Economy)**

**ELIGIBILITY :** Bachelor's degree (with 50% marks in aggregate) in the following subjects: Economics(Honours) with Mathematics as subsidiary subject; Mathematics(Hons.) with Economics as a subsidiary subject; or Statistics(Hons.) with Mathematics and Economics as subsidiary subjects. Admission will be denied to candidates who fail to meet the above eligibility criteria.

**II. SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES**

**(A) M.PHIL./PH.D. in : FRENCH, GERMAN, ARABIC, RUSSIAN, PERSIAN, CHINESE, URDU, HINDI, TAMIL, HINDI TRANSLATION, ENGLISH, LINGUISTICS, JAPANESE, KOREAN AND SPANISH.**

**ELIGIBILITY : (i) M.Phil./Ph.D. in Languages/Subjects other than English, Linguistics and Hindi Translation:** Master's degree in the concerned language/subject with at least 50% marks. **(ii) M.Phil./Ph.D. in English:** Master's Degree in English or Linguistics or Sociology or History or Political Science or Philosophy or Folklore or Film & Communication Studies or Culture Studies or Comparative Literature with at least 55% marks. **(iii) M. Phil/Ph.D. in Linguistics:** Master's Degree in Linguistics or any other discipline with at least 50% marks. **(iv) M. Phil/Ph.D. in Hindi Translation:** Master's degree in Hindi/Hindi Translation with 50% marks and English or any Indian language as one of the subject at B.A. level other than Hindi or Master's degree in any Indian/ Foreign language with 50% marks and Hindi as one of the subject at B. A. level.

**(B) M.Phil. in PORTUGUESE**

**ELIGIBILITY:** Master's degree in Portuguese with at least 50% marks or Master's degree in any other Romance Language (Italian, Spanish, French, Romanian) or in English with atleast 50% marks and an Advanced Diploma in Portuguese with atleast 50% marks.

**(C) M.A. in: ARABIC, CHINESE, ENGLISH, FRENCH, GERMAN, HINDI, JAPANESE, KOREAN, LINGUISTICS, PERSIAN, RUSSIAN, SPANISH AND URDU.**

**ELIGIBILITY : (i) M.A. in English and Linguistics:** Bachelor's degree in any discipline under 10+2+3 pattern of education with at least 50% marks. **(ii) M.A.**



**in German:** Bachelor's degree in any discipline under 10+2+3 pattern of education with at least 50% marks with adequate proficiency in German. **(iii) M.A. other than English, Linguistics and German:** Bachelor's degree in any discipline under 10+2+3 pattern of education with at least 45% marks with adequate proficiency in the concerned language.

- (D) **B.A. (HONS.) in : ARABIC, CHINESE, FRENCH, GERMAN, JAPANESE, KOREAN, PERSIAN, RUSSIAN, SPANISH (WITH ENTRY POINTS TO BOTH 1st AND 2nd YEAR) AND B.A. (HONS.) 1ST YEAR IN PUSHTO.**

**ELIGIBILITY :** (i) **For B.A. (Hons.) : (1st Year)**: (a) Senior School Certificate (10+2) or equivalent examination with minimum of 45% marks. OR

(b) Certificates issued by Madrasas mentioned in the Prospectus with at least 45% marks.

- (ii) **For B.A. (Hons.) : (2nd Year) : (i) B.A.(Hons.) 2nd Year in German:** First year of Bachelor's degree or an examination recognised as equivalent thereto with at least 50% marks under 10+2+3 pattern of education with adequate proficiency in German. **(ii) B.A.(Hons.) 2nd Year other than German:** First year of Bachelor's degree or an examination recognised as equivalent thereto with at least 45% marks under 10+2+3 pattern of education with adequate proficiency in the concerned language.

### III. SCHOOL OF SOCIAL SCIENCES

- (A) **M.PHIL./PH.D. :** ECONOMIC STUDIES AND PLANNING ; HISTORICAL STUDIES (ANCIENT HISTORY, MEDIEVAL HISTORY, MODERN HISTORY); POLITICAL STUDIES; REGIONAL DEVELOPMENT (GEOGRAPHY, ECONOMICS AND POPULATION STUDIES); SOCIAL SYSTEMS (SOCIOLOGY); EDUCATIONAL STUDIES (PSYCHOLOGY, SOCIOLOGY, ECONOMICS AND HISTORY OF EDUCATION); SOCIAL MEDICINE AND COMMUNITY HEALTH; PHILOSOPHY; DISCRIMINATION AND EXCLUSION STUDIES; STUDIES IN SCIENCE POLICY; WOMEN'S STUDIES; AND MEDIA STUDIES.

**ELIGIBILITY :** Masters degree in the subject concerned with at least 50% marks; or Master's degree in allied subjects or Humanities with at least 55% marks; or Masters degree in Natural Sciences with at least 60%

marks. **For Centre for Studies in Science Policy:** Master's degree in Social Science or Humanities or Law or Management with 55% marks or Master's degree in Natural Sciences or Bachelor's degree in Engineering or Technology or Medicine with 60% marks. **For Centre of Social Medicine and Community Health (M.Phil./Ph.D. in Social Science in Health):** Masters degree in social sciences or other disciplines allied to public health (as given on page 34) with 55% marks. **For Centre for Women Studies:** Master's degree in Social Science or Humanities or Law with at least 50% marks. **For Centre for the Study of Discrimination and Exclusion:** Masters degree in Social Sciences with at least 50% marks. **For Centre for Media Studies:** Masters degree in Social Sciences or Humanities or Law or Cultural Studies or Media Studies with at least 50% marks.

- (B) **MPH(MASTER OF PUBLIC HEALTH)/PH.D.**

**ELIGIBILITY :** MBBS degree with at least 50% marks or M.Sc. degree in Nursing with at least 50% marks.

- (C) **M.A. in : ECONOMICS, GEOGRAPHY, HISTORY, POLITICAL SCIENCE, SOCIOLOGY, PHILOSOPHY AND DEVELOPMENT & LABOUR STUDIES.**

**ELIGIBILITY :** (a) **M.A. in Geography and Sociology:** Bachelor's degree in any discipline under 10+2+3 pattern of education with at least 45% marks. (b) **M.A. in Economics:** Bachelor's degree in any discipline under 10+2+3 pattern of education with at least 50% marks. Knowledge of Mathematics at 10+2 level is expected and will be tested for in the Entrance Examination. (c) **M.A. in Political Sciences:** Bachelor's degree under 10+2+3 pattern of education with at least 50 % marks in Social sciences and 55 % marks for those who have Bachelor's Degree in science and technology disciplines. (d) **M.A. in Philosophy:** Bachelor's degree under 10+2+3 pattern of education with at least 50% marks in Social Sciences and Humanities and 55% marks in Science & Technology disciplines. (e) **M.A. in History and Development & Labour Studies:** Bachelor's degree in any discipline under 10+2+3 pattern of education with at least 50% marks.

**IV. SCHOOL OF LIFE SCIENCES**

- (A) **M.PHIL./PH.D.** IN AREAS OF INTERDISCIPLINARY RESEARCH IN MOLECULAR BIOLOGY, GENETIC ENGINEERING, PLANT BIOTECHNOLOGY, GENETICS, DEVELOPMENTAL BIOLOGY, CELL BIOLOGY, IMMUNOLOGY, NEUROBIOLOGY, MICROBIOLOGY, RADIATION AND CANCER BIOLOGY, BIO-PHYSICS AND STRUCTURAL BIOLOGY, ECOLOGY.

**ELIGIBILITY** : M.Sc. or equivalent degree, with at least 55% marks or equivalent grades, in Biological Sciences, Bioinformatics or Physical Sciences, as well as to those with M.B.B.S or M. Tech. or M.Sc. (Agriculture) or M. Sc. (Veterinary Sciences) degree with 55% marks.

- (B) **M.Sc. in LIFE SCIENCES** : Bachelor's (B. Sc. or B Tech or equivalent) in Biological, Physical or Agricultural Sciences or Biotechnology under the 10+2+3 pattern of education with at least 55% marks.

**V. SCHOOL OF ENVIRONMENTAL SCIENCES**

- (A) **M.PHIL./PH.D.** IN ENVIRONMENTAL SCIENCES INCLUDING INTERDISCIPLINARY AREAS OF BIOLOGY (ECOLOGY, BIOTECHNOLOGY, BIOPHYSICS, BIOREMEDIATION), CHEMISTRY (AIR, WATER, SOIL POLLUTION), GEOLOGY AND PHYSICS.

**ELIGIBILITY** : M.Sc. degree or equivalent in any branch of basic or applied science or MBBS or B.Tech. /B.E. with minimum 55% marks.

- (B) **M.Sc. in ENVIRONMENTAL SCIENCES** : AN INTERDISCIPLINARY COURSE WITH ENVIRONMENTAL ORIENTATION, DRAWN FROM RELEVANT AREAS OF BIOLOGICAL, CHEMICAL, EARTH AND PHYSICAL SCIENCES.

**ELIGIBILITY** : Bachelor's degree in any branch of basic or applied science under 10+2+3 pattern of education with at least 55% marks.

**VI. SCHOOL OF COMPUTER AND SYSTEMS SCIENCES**

- (A) **M.PHIL./PH.D. & M.TECH/PH.D.**

**ELIGIBILITY** : Master's degree in Computer Science or Mathematics or Statistics or Operational Research or in any branch of Science or Bachelor's degree in any branch of Engineering or Master of Computer Applications (MCA) with at least 55% marks.

- (B) **M.C.A. (MASTER OF COMPUTER APPLICATIONS)**

**ELIGIBILITY** : Bachelor's degree in any discipline with adequate competence in Mathematics under 10+2+3 pattern of education with at least 55% marks.

**VII. SCHOOL OF PHYSICAL SCIENCES**

- (A) **PRE-PH.D./PH.D. IN PHYSICAL SCIENCES/CHEMICAL SCIENCES/MATHEMATICAL SCIENCES.**

**ELIGIBILITY** : (a) **For Physical Sciences**: M.Sc. degree in Physics, Chemistry or Mathematics, with at least 55% marks. Candidates having majored in Physics or Chemistry should have had Mathematics at least up to the B.Sc. level. Exceptions can be made in case of applicants with B.Tech. (Electronics/Electrical) degrees provided they successfully qualify the entrance examination. (b) **For Chemical Sciences**, M.Sc. degree in Chemistry or Physics, with at least 55% marks. Candidates majoring in Chemistry should have specialization in Analytical/Organic/Inorganic/Physical Chemistry/Chemical Physics/Polymer Chemistry at the Master's level. (c) **For Mathematical Sciences**, M.Sc. degree in Mathematics, with at least 55% marks.

- (B) **M.Sc. in PHYSICS**

**ELIGIBILITY** : Bachelor's degree (with Physics as one of the subjects) under the 10+2+3 pattern of education with 55% marks in the aggregate (or in Physics, Chemistry and Mathematics combined), or in Physics Honours. Applicants with B.Tech. (Electronics/Electrical/Mechanical/Computer) degree can also apply.

**VIII. SCHOOL OF ARTS & AESTHETICS**

- (A) **M.PHIL./PH.D.:** The School offers M.Phil./Ph.D. programmes in three different streams - Visual Studies, Theatre and Performance Studies and Cinema Studies. (Admission to the M.Phil./Ph.D. is through a separate entrance examination for each discipline followed by a viva-voce.)

**ELIGIBILITY:** Masters degree in any discipline with at least 50% marks.

- (B) **M.A. IN ARTS & AESTHETICS:** The School offers M.A. programme with cross disciplinary study of the Visual, Cinematic and Performing Arts.

**ELIGIBILITY :** Bachelor's degree under 10+2+3 pattern of education with at least 50% marks.

**IX. SCHOOL OF COMPUTATIONAL AND INTEGRATIVE SCIENCES**

**(A) PRE-PH.D/PH.D IN COMPUTATIONAL BIOLOGY AND BIOINFORMATICS**

**ELIGIBILITY:** (a) Master's Degree in any branch of Sciences such as Biology, Chemistry, Bioinformatics, Mathematics, Physics, Statistics, Computer Science/MCA. (b) MBBS or BHMS or equivalent degree as recognized by Government Council such as MCI. (c) B.Tech or B.E. or equivalent degree in any branch of Engineering, B.Pharm degree or equivalent. **Minimum requirement is 55% marks in the above examinations, Further Mathematics as a subject till Class XII is compulsory.**

**(B) INTEGRATED M.SC.-PH.D. PROGRAMME IN COMPUTATIONAL AND INTEGRATIVE SCIENCES**

**ELIGIBILITY:** A minimum of 55% marks in Bachelor's degree in any branch of Basic and Applied Science or Technology, including medicine and engineering disciplines.

**X. SCHOOL OF BIOTECHNOLOGY**

**(A) PRE-PH.D./PH.D. IN AREAS OF MOLECULAR BIOLOGY AND GENETIC ENGINEERING; TRANSCRIPTION CONTROL, GENE REGULATION; MOLECULAR BIOLOGY OF INFECTIOUS DISEASES, VACCINE DEVELOPMENT; PROTEIN ENGINEERING, PROTEIN STRUCTURE, STABILITY AND FOLDING; BIOCHEMICAL ENGINEERING, METABOLIC ENGINEERING AND BIOPROCESS TECHNOLOGY; TRANSCRIPTION AND HUMAN BIOLOGY; STRUCTURAL BIOLOGY AND BIOINFORMATICS; CELL SIGNALLING; CANCER BIOLOGY; MOLECULAR BASIS OF HUMAN VIRAL DISEASES; METAGENOMICS AND ENVIRONMENTAL BIOTECHNOLOGY; BIOTHERAPEUTICS PRODUCTION; MOLECULAR MODELING AND CHEMINFORMATICS.**

**ELIGIBILITY :** Master's Degree in Biotechnology, Biochemical Engineering, Biochemistry, Chemistry, Physics, Mathematics or any branch of Physical or Biological or Engineering Sciences or B.Tech.(Biotechnology/Bioengineering/allied qualifications) with atleast 55% marks.

**(B) M.SC.IN BIOTECHNOLOGY**

**ELIGIBILITY :** Bachelor's degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/Technology, 4-years B.Sc. (Physician Assistant Course); OR Medicine (MBBS) OR B.D.S. with at least 55% marks.

**XI. CENTRE FOR SANSKRIT STUDIES**

**(A) M.PHIL./PH.D. IN SANSKRIT**

**ELIGIBILITY:** Master's degree in Sanskrit or in an allied subject (with Sanskrit up to B.A. level) with at least 55% marks.

**(B) M.A IN SANSKRIT**

**ELIGIBILITY :** Bachelor's Degree in Sanskrit or in any other subject under 10+2+3 pattern of education with at least 45% marks.

**XII. CENTRE FOR MOLECULAR MEDICINE**

**(A) PRE-PH.D/PH.D IN AREAS OF MOLECULAR MEDICINE RELATED TO METABOLIC DISORDERS, INFECTIOUS AND NON-INFECTIOUS DISEASES AND DIAGNOSTICS.**

**ELIGIBILITY :** Master's degrees or equivalent from recognized University /Institution in any branch of Biological Sciences / Chemical Sciences / MBBS/ BVSc/ B.Pharm with at least 55% marks.

**(B) INTEGRATED M.SC.-PH.D PROGRAMME IN MOLECULAR MEDICINE**

**ELIGIBILITY :** Bachelor's degree in any branch of basic or applied sciences (including MBBS and BVSc.) from recognized Universities and Institutes with at least 55% marks.

**XIII. CENTRE FOR THE STUDY OF LAW AND GOVERNANCE**

**M.PHIL./PH.D. IN LAW AND GOVERNANCE**

**ELIGIBILITY:** Master's degree in Law, Political Science, Public Administration, Economics, Sociology, History, Philosophy, Social Work, Development Studies and cognate areas/disciplines in the social sciences or humanities with 55% marks.

### DIRECT ADMISSION TO PH.D. PROGRAMME

The University admits a limited number of candidates directly to Ph.D. programme either on the basis of viva-voce or written examination and viva-voce both as may be decided by each Centre/School both in Monsoon and Winter Semesters in various areas of research in the **(1) School of International Studies (2) School of Social Sciences (3) School of Language, Literature and Culture Studies (4) School of Computer & Systems Sciences (5) School of Physical Sciences (6) School of Environmental Sciences (7) School of Arts and Aesthetics (8) School of Computational and Integrative Sciences (9) School of Biotechnology (10) Centre for the Study of Law & Governance (11) Centre for Molecular Medicine and (12) Centre for Sanskrit Studies**. Candidates are required to check the availability of seats in each Centre/School before applying for admission in Monsoon and Winter Semester.

#### Eligibility:

**(a) For School of International Studies:** Only those candidates shall be considered for Direct admission to the Ph.D. Programme who have (a) obtained M.Phil degree of a recognized University/ Institution; OR (b) at least two years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard. In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.

**For Centre for International Trade & Development,** The candidate should have (i) M.Phil. degree in Economics/ International Trade and Development from a recognized University/Institution; OR (ii) Masters degree in Economics with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale and at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard. Students admitted to the Direct Ph.D. Programme are required to do course work.

**For Human Rights Studies programme:** (a) obtained M.Phil. or equivalent degree of a recognized University/ Institution in the field of human rights or allied areas; OR (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard in the field of Human Rights. In addition,

they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.

**For Energy Studies programme:** (a) obtained M.Phil. degree of a recognized University/Institution in the field of energy studies or allied areas; OR (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard in the field of energy studies. In addition, they should have obtained Master's degree in Political Science, International Relations, Economics, Defence/Strategic Studies or Area Studies with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. Students admitted to direct Ph.D. programme in energy studies are also required to do compulsory course work.

**(b) School of Language, Literature and Culture Studies:** Only those candidates shall be considered for Direct admission to the Ph. D. Programme who have (a) obtained M.Phil degree of a recognized University/Institution;

OR (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard. In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.

**(c) School of Social Sciences:** Only those candidates shall be considered for Direct admission to the Ph. D. Programme who have (a) obtained M.Phil./MD/MPH degree of a recognized University/Institution as relevant to each centre; OR (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil./MPH standard. In addition, they should have obtained Masters Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.

--- **For Centre of Social Medicine & Community Health,** In case of doctors and nurses, MBBS/M.Sc. Nursing with M.Phil./MD/MPH degree of a recognized University/ Institution; OR at least 2 years research experience in community health with research publication(s) comparable to M.Phil./MPH standard. In addition, they

should have obtained Masters Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.

In case of social sciences and other disciplines allied to public health (as given for M.Phil./Ph.D. on page 33), a Master's degree with an M.Phil. degree or a Masters Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale with at least 2 years experience in public health and research publication(s) equivalent to M.Phil.

- **For Centre for Political Studies:** Those who wish to apply for a research degree are expected to have a strong, detailed and well developed research proposal for a thesis that can be supervised in the Centre. In addition to fulfillment of the entry requirements, they will need to approach the subject with rigor and appropriate knowledge of the field. The candidate should have extensive knowledge of the domain. Candidates must submit a detailed research proposal at the time of application for admission.
- **For Womens Studies Programme,** in case of work experience (minimum 2 years) in an NGO (related to gender issues), again candidate must provide research publications equivalent to M.Phil. In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.
- **For Centre for the study of Discrimination and Exclusion,** Research/Publications in the areas of Discrimination and Exclusion with special reference to Scheduled Caste, Scheduled Tribes and Minorities are desirable.
- **For Group of Adult Education** In addition to (a) and (b) in C(i) above, those candidates who have two years (full-time) work/professional experience in the area of NGO sector, development and social sectors, governmental sector, main 'literacy studies' or work areas (such as basic literacy, adult literacy, consumer literacy, legal literacy, environmental literacy, health literacy, media literacy, citizenship literacy) with research publication(s) comparable to M.Phil. standard are also eligible for the direct PhD programme. In this case, such candidates

must have obtained their Master's degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale from a recognized university.

- **For Centre for Media Studies** candidates must have obtained a two year M.Phil. degree in the Social Sciences/Humanities/Media and cultural Studies from recognized University/Institution; OR at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard. In addition, they should have obtained Masters Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.
- **For Centre for Informal Sector and Labour Studies** In addition to (a) and (b) in C(i) above, M.Phil or equivalent Research/Publications in the areas of informal sector and labour studies. Students from all disciplines in Social Sciences and Humanities can apply for admission to this programme. They will be expected to have a well developed research proposal which focuses on issues related to informal sector and labour. They also need to be aware of the available literature in their proposed research areas. Candidates will be assessed on merit, analytical framework and the relevance of the research proposal to broad theme of informal sector and labour. After the shortlisting of the application based on the fulfillment of the entry requirements and the merit of research proposal submitted (of about 2000 words) candidates will be called for an interview. The final selection will be based on the interview.
- (d) **School of Environmental Sciences:** Only those candidates shall be considered for Direct admission to the Ph. D. Programme who have (a) obtained M.Phil./M.Tech./MD degree of a recognized University/Institution; OR (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard. In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.
- (e) **School of Computer & Systems Sciences:** The candidates interested in research in Communication Networks. Data Warehouse, Software Engineering,

Service Oriented Architecture, Wireless Communication, Ad Hoc Networks, Sensor Network, Data Mining, Pattern Recognition, Image Processing, Database, Soft Computing, Text Mining, Web Mining, Natural Language Processing, Mems, RF Mems, Biomems, Non-Silicon Technologies, VLSI Embedded System will be considered for Direct Admission to Ph.D. programme this year.

Only those candidates shall be considered for Direct admission to the Ph.D. programme who have (a) obtained 2 years M. Tech/M.Phil degree of a recognized University/ Institution, (except those who joined M.Tech on or before (2002-2003). In addition the applicant should have at least one research paper published in an international journal listed in Science Citation Index (SCI) or SCIE (Expanded) to be eligible to apply for the direct admission to Ph.D. programme. OR (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Tech/M.Phil standard. In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/ comparable standard where the grading is based on system other than 10 point scale. The applicant should have at least two research papers published in an international journal listed in Science Citation Index (SCI) or SCIE (Expanded) to be eligible to apply for the direct admission to Ph.D. programme.

- (f) **School of Physical Sciences:** Candidates shall be considered for Direct admission to the Ph.D. programme on the following basis: (a) M. Phil./M.Tech. or equivalent degree from a recognized University/Institutions. OR (b) At least 2 years' research experience in a reputed institution with research publication(s) comparable to the M.Phil. standard. In addition, they should have obtained a M.Sc. degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. (c) They should also satisfy the academic background criteria specified in Category I below.

#### PRE-PH.D./PH.D. PROGRAMME

##### CATEGORY I (THROUGH ENTRANCE EXAMINATION):

- a) **For Physical Sciences,** M.Sc. degree in Physics, Chemistry or Mathematics, with at least 55% marks. Candidates having majored in Physics or Chemistry should have had Mathematics at least

up to the B.Sc. level. Exceptions can be made in case of applicants with B.Tech. (Electronics/ Electrical) degrees provided they successfully qualify the entrance examination.

- b) **For Chemical Sciences,** M.Sc. degree in Chemistry or Physics, with at least 55% marks. Candidates majoring in Chemistry should have specialization in Analytical/Organic/Inorganic/Physical Chemistry/ Chemical Physics/Polymer Chemistry at the Master's level.
- c) **For Mathematical Sciences,** M.Sc. degree in Mathematics, with at least 55% marks.
- (g) **School of Computational and Integrative Sciences:** Only those candidates in science/Engineering branch shall be considered for Direct admission to the Ph.D. program who have : (a) Obtained M.Phil/M.Tech. degree in the related field like science, engineering, medical and pharmaceutical science from a recognized university/ institution. OR (b) At least 2 years research experience in reputed institutions in the related fields with research publication(s) comparable to M.Phil standard. In addition, they should have obtained Master's Degree in the related field with 55% marks or equivalent FGPA in 10 point scale/ comparable standard where the grading is based on system other than 10 point scale. OR (c) Candidates with Advanced Diploma (after M.Sc. degree) in Bioinformatics are also eligible.
- (h) **School of Arts & Aesthetics:** Only those candidates shall be considered for Direct admission to the Ph. D. Programme who have (a) obtained M.Phil degree of a recognized University/Institution; OR (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard. In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/ comparable standard where the grading is based on system other than 10 point scale.
- (i) **School of Biotechnology:** Only those candidates shall be considered for Direct admission to the Ph.D. Programme who have (a) obtained M.Phil. and/or M. Tech. degree or equivalent of a recognized University/Institution; OR (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard. In addition, they should have obtained

Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.

- (j) **Centre for Sanskrit Studies:** Only those candidates shall be considered for Direct admission to the Ph.D. Programme who have (a) obtained M.Phil degree in Sanskrit/Pali/Allied subject of a recognized University/Institution; **OR** (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil. standard. In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.
- (j) **Centre for Molecular Medicine:** Only those candidates shall be considered for Direct Admission to the Ph.D. programme, who have either (a) Obtained MBBS or BVSc degree (during 2009 or later) from a recognized University/Institution with one year experience or obtained MD /MVSc degree (during 2010 or later; experience is not essential). **OR** (b) Obtained 2 years M.Phil degree from a recognized University/Institution; **OR** (c) at least 2 years research experience in reputed institutions with at least one first authored research publication(s) in peer reviewed journals (PubMed; NOT review articles or popular articles or papers in the proceedings). In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.
- (k) **Centre for the Study of Law & Governance:** Only those candidates shall be considered for direct admission to the Ph. D. Programme who have (a) obtained M.Phil degree of a recognized University/ Institution; **OR** (b) at least 2 years research/administrative/legal experience in reputed institutions with research publication(s) comparable to M.Phil. standard. In addition, they should have obtained Master's Degree with 55% marks or equivalent FGPA in 10 point scale/comparable standard where the grading is based on system other than 10 point scale.

**Please Note:**

- (i) **that the applications of the candidates whose M.Phil/M.Tech./Pre-Ph.D./MPH results are not available will not**

**be considered under any circumstances. Hence, the applications of only those candidates can be considered whose results are indicated/available in the application form.**

- (ii) **Candidates enjoying employed status and selected for admission shall be required to produce LEAVE SANCTION ORDER for a period of two years at the time of admission/registration. However, there is a limited provision for exemption of this requirement to candidates employed in research and teaching Institutions located in NCR Region.**

### 3. ADMISSION PROCEDURE

Every year foreign nationals are admitted to various programmes of study under the following categories

- (a) Self-financing Students
- i) through Entrance Examination and/ or viva voce
  - ii) through 'In Absentia'
- (b) Under the Cultural Exchange Fellowship Programme of Govt. of India.
- (c) As Casual Students to audit the courses (not leading to award of any degree)

**Foreign nationals seeking admission in any of the categories under (a) and (b) above will have to satisfy the minimum eligibility criteria for admission to the various programmes of study as prescribed by the University.**

(a) **SELF FINANCING STUDENTS**

(i) **THROUGH ENTRANCE EXAMINATION AND/OR VIVA-VOCE: (For those foreign national who are in India/Nepal)**

**All Foreign students present in India will be required to appear in the entrance examination and/or viva voce subject to their fulfilling minimum eligibility requirement as prescribed for indian students subject to equivalence of their qualification and production of Student Visa/Research Visa, as the case may be.**

Application forms together with Prospectus can be obtained from Section Officer (Admissions), Room No. 28, Administrative Block, Jawaharlal Nehru University, New Delhi-110067 (India) through post by sending a Bank Draft of (a) Rs.400/- or equivalent in US Dollars drawn in favour of

**JAWAHARLAL NEHRU UNIVERSITY** payable at **NEW DELHI** if the request is made from Nepal and (b) Rs, 300/- drawn in favour of **JAWAHARLAL NEHRU UNIVERSITY** payable at **NEW DELHI** if the request is made from India. The candidates are required to send a self addressed envelope of the minimum size of 30 cms x 25 cms indicating clearly in their request and on the top of the envelope the programme of study for which the Application Form is required by them.

**(II) THROUGH 'IN ABSENTIA' CATEGORY:**

**Candidates already in India during entrance examination and/or viva voce will not be considered for admission under in absentia/under Cultural Exchange programme of Government of India and they will have to go through the process of entrance examination and/or viva voce for admission to various programmes of study.**

Foreign Nationals who are applying from their respective countries will be considered 'In Absentia' and there is a separate Application Form for them. They are required to mail Application Form (alongwith the copies of the certificates etc. on the basis of which admission is sought by them) to Section Officer (Admission-II), Room No. 20, Administrative Block, Jawaharlal Nehru University, New Delhi - 110067. Application Form can be obtained from the Section Officer (Admissions), Room No. 28, Administrative Block, Jawaharlal Nehru University, New Delhi - 110067 by sending a Bank Draft of US \$25.00 drawn in favour of **JAWAHARLAL NEHRU UNIVERSITY** payable at **NEW DELHI** or can be downloaded from our website [www.jnu.ac.in](http://www.jnu.ac.in). A Bank Draft of US \$25.00 drawn in favour of **JAWAHARLAL NEHRU UNIVERSITY** payable at **NEW DELHI** is to be enclosed with the filled in downloaded Application Form towards the cost of application form.

**(b) UNDER CULTURAL EXCHANGE PROGRAMME OF GOVERNMENT OF INDIA:**

The students seeking admission under the Cultural Exchange Fellowship Programme of Government of India are required to approach the Indian Council for Cultural Relations, Azad Bhavan, I.P State, New Delhi-110001, India. In the event of their selection, the Council will be informed about their selection.

**(c) CASUAL STUDENTS TO AUDIT COURSE(S):**

Foreign Nationals may join the University for a semester or two to audit course(s)/crediting of credits in any of the Centre

of Study/Schools of Study. If admission is given for auditing certificate of participation will be issued by the faculty Incharge of the course and if admission is given for credit marksheet will be issued by the University.

**SELECTION**

In the event of their selection, candidates will be informed about their selection and their admission will be subject to the following conditions :-

1. Equivalence of their qualifications as prescribed by the University for various programmes of study.
2. Production of Student-Visa/Research Visa (as the case may be) in accordance with the revised visa policy of Government of India as also a xerox copy of their Passport together with the original documents for verification.

**CERTIFICATES AND DOCUMENTS REQUIRED TO BE SUBMITTED BY CANDIDATES ALONGWITH APPLICATION FORM FOR ADMISSION TO VARIOUS PROGRAMMES OF STUDY**

- (a) Duly attested copies of Senior School Certificate / Bachelor's Degree, Master Degree etc.
- (b) Candidates who have passed the qualifying examination from a foreign university should submit all the relevant information/documents which may justify the equivalence of their qualifications.
- (c) Mark-sheets/Degrees in a language other than English should be got translated into English language and a copy of the same duly attested be attached.
- (d) A Character Certificate from the Head of the Institution last attended.
- (e) Details of Bank account.
- (f) A certificate from the Bank of the applicant to the effect that sufficient funds are available in the account of the applicant to sustain his/her studies in India for the duration of the programme.
- (g) Copy of passport.
- (h) Medical Insurance document(s). Candidate are required to submit medical insurance documents for the duration of the programme at the time of admission/registration.



**CERTIFICATES AND DOCUMENTS REQUIRED TO BE SUBMITTED BY ALL CANDIDATES ALONGWITH THIS FORM SEEKING ADMISSION TO CASUAL STUDENTSHIP**

- (a) Duly attested copies of Senior School Certificate / Bachelor's Degree, Master Degree etc.
- (b) Mark-sheets/Degrees in a language other than English should be got translated into English language and a copy of the same duly attested be attached.
- (c) Copy of Passport.
- (d) Medical Insurance document(s). Candidate are required to submit medical insurance documents for the duration of the programme at the time of admission/registration.

**4. TUITION FEE**

Foreign students admitted to various programmes of study including casual students are required to pay fees and incidental charges as per following rates in US Dollars or in Indian currency as per prevalent exchange rates :

1. Tuition Fee and Other Fees per Semester for courses in Science Disciplines **US\$ 750**
2. Tuition Fee and other Fees per Semester for courses in Humanities & Social Sciences **US\$ 500**
3. Incidental charges per semester **US \$ 100**

**Note:** (i) Foreign Nationals applying for admission as self financing students are required to provide detail of the Bank account etc. with their application forms and a certificate from their respective bankers to the effect that they have sufficient funds available in their bank account to sustain their studies in India for the duration of the programme. For needy students whose financial statement indicate lack of sufficient funds, a limited number of fee waivers are available from Second Semester onwards. However, continuation of the fee waiver from semester to semester will depend on the academic performance of the candidates in JNU.

- (ii) Foreign nationals, who get admitted in JNU through the written entrance examination and/or viva voce conducted by JNU will have to pay according to the fee structure

applicable to Indian students, plus the incidental charges of US\$100 only per semester.

- (iii) Indian nationals, whose qualifying (**eligibility**) examination certificates for admission are from abroad, *except* those residing in countries where the JNU entrance examination centres are available, are considered under the "in-absentia" category as they will not be able to appear in the entrance examination. The tuition fees for them is at par with those for international students (currently, US\$ 750 per semester for Science courses and US\$ 500 per semester for Humanities and Social Science courses, plus incidental charges of US\$ 100 per semester).
- (iv) Indian nationals, who are wards of Indian Government servants posted outside on Government duty, are considered under the "in-absentia" category, with the fee structure applicable to Indian students, under production of a suitable certificate, and are required to additionally pay the incidental charges of US\$ 100 per semester till the tenure of the above posting outside.
- (v) Foreign nationals admitted to JNU are required to get medical insurance which is mandatory.

Semester fee from foreign nationals is accepted either in foreign currency i.e. in US\$ or in equivalent Indian rupees. The exchange rate for accepting fees from foreign nationals has been accepted as the buying rate prevalent on the first day of registration in each semester. The Finance Branch of the University notifies the rate of conversion of the US\$ into Indian rupees applicable for each semester. Refunds, if any, will be in Indian Currency. However, the decision of the University in the matter will be final.

**5. TIME TABLE FOR ADMISSION**

1. Last date of receipt of completed Application Form 25th March, 2015
2. Deadline for registration of candidates selected for admission to various programmes 14th August, 2015

## 6. SEMESTERS & VACATIONS

- Monsoon Semester : 22nd July to 5th December
- Winter Semester : 6th January to 12th May
- Winter Break : 6th December to 5th January
- Summer Vacation : 13th May to 21st July

## 7. HOSTEL FACILITIES

JNU which is basically a residential University, endeavours to provide residence to almost all outstation students. There are 16 hostels which can accommodate about 4400 students.

The messes in the hostels are highly subsidised as students do not have to pay for the services of cooks, helpers, sanitation and other staff that have been provided to the hostels. The provision of three meals in each hostel is on “no profit no loss” basis. The actual running of the mess is controlled by the mess committee elected by the students themselves.

Hostels charges are nominal. Each hostel is provided with indoor and outdoor facilities for games and sports. Recreation facilities like T.V. sets and some musical instruments are also provided.

Private housing facility is available around JNU Campus. However, the University does not provide any specific information or suggestion regarding private accommodation.

There is also a Foreign Students' Association in the University under the general supervision of a Foreign Students' Advisor.

## 8. IMPORTANT TELEPHONE NUMBERS

1. International Students Advisor 26704660
2. Dean of Students 26704554
3. Director of Admissions 26704012
4. Public Relations Officer 26704046
5. Section Officer (Admissions) 26704022

Send your completed Application Forms to :

**Section Officer (Admission-II),  
Room No. 20,  
Administrative Block,  
Jawaharlal Nehru University,  
New Delhi - 110067**



**This symbol for JNU is a graphic statement which stands for international academic exchange and onward search of knowledge for the betterment of human beings.**

**The overlapping circular segments of the design denote global inter-action, creating a flame emitting enlightenment. This flame emerges out of the traditional Indian 'DIYA' (LAMP) - a source of Light, Understanding and Brother-hood.**

**The design is also representative of the rose-bud closely associated with the name of Jawaharlal Nehru.**

**bulletin of information  
for guidance of  
FOREIGN NATIONALS  
seeking admission  
to  
various programmes of  
study**



**JAWAHARLAL NEHRU UNIVERSITY**  
NEW DELHI-110067  
INDIA

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***For any other information, please contact:***

Section Officer (Admission-II)  
Room No.20  
Administrative Block,  
Jawaharlal Nehru University,  
New Delhi - 110067.  
Phone Nos.: 26704022  
Fax Nos.: 91-11-26742692, 26742898  
E-mail : [admission\\_foreign@mail.jnu.ac.in](mailto:admission_foreign@mail.jnu.ac.in)  
Website: <http://www.jnu.ac.in>

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**US\$ 25**

**Rs.1550/-**