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Jawaharlal Nehru University



PROSPECTUS

Academic Session
2013-14

Check List

- ☐ **PLEASE REFOLD THE APPLICATION FORM ONLY WHERE IT WAS ORIGINALLY FOLDED. DO NOT STAPLE, PIN OR STITCH ANY DOCUMENTS WITH THE APPLICATION FORM. SEND THE BANK DRAFT IN THE ENVELOPE PROVIDED. KEEP IT LOOSE ALONG WITH THE APPLICATION FORM INSIDE THE ENVELOPE.**

Before posting the completed application form please check that:

- ☐ **You have filled in the Application Form in your own handwriting.**
- ☐ You have noted down your Application Form Number for future correspondence or retained a photocopy of the filled in Application Form.
- ☐ Your Application Form is complete in all respects.
- ☐ You have firmly affixed the recent (not more than two months old) passport size photograph in the Application Form.
- ☐ You have signed the application form in the space marked for signature.
- ☐ **You fulfil the eligibility requirements as prescribed by the University for the disciplines/field(s) of study you are applying for. Please note that permission to appear in the entrance examination is subject to your fulfilling minimum eligibility requirements prescribed for admission to the concerned programmes of study and as notified in the Prospectus. You may therefore appear in the entrance examination only if you fulfil the eligibility requirements for the programmes for which you are seeking admission. Despite this caution, in case you do not meet the minimum eligibility criteria prescribed for the concerned programmes and appear in the entrance examination, you will do so at your own risk and cost, and if at any stage, it is found that you do not fulfil the minimum eligibility requirements, the admission, if granted to you, shall be cancelled ipso facto.**
- ☐ You have enclosed the Demand Draft of the required amount (based on the number of choices you are applying for) drawn in favour of **JAWAHARLAL NEHRU UNIVERSITY** payable at **New Delhi** towards Entrance Examination/ Processing Fee as mentioned below:

Amount of Demand Draft					
Number of Choices	M.Phil./M.Tech./MPH/ Pre-Ph.D./Ph.D., M.A., M.Sc., M.C.A.		B.A. (Hons.) 1st & 2nd year and all Part Time programmes		Foreign Nationals
	General Category including OBC Rs.	SC/ST/PH/ BPL Rs.	General Category including OBC Rs.	SC/ST/PH/ BPL Rs.	
For 1 Choice	220.00	110.00	130.00	65.00	US\$ 25/- or Rs.1250/-
For 2 Choices	430.00	215.00	250.00	125.00	US\$ 50/- or Rs.2500/-
For 3 Choices	600.00	300.00	360.00	180.00	US\$ 75/- or Rs.3750/-

(Please refer to page no. 73 of the Prospectus for examination fee)

(For Processing Fee for direct admission to Ph.D. programme and admission under JRF category, please refer to page no. 73 of the Prospectus)

Note :

1. You can opt for appearing in the Entrance Examination upto a maximum of three fields of study of your choice for the **same level of programmes** to be indicated in the same Application Form in order of preference for admission.
 2. If you submit more than one Application Form **for the same level of programmes**, all your Application Forms shall be summarily rejected. However, this restriction will not apply to (i) those JRF holder candidates who apply for admission in Science Schools under "JRF category" for admission to M.Phil./Ph.D. or Pre-Ph.D./Ph.D. through viva-voce examination in addition to admission through entrance examination; and (ii) candidates who apply for direct admission to Ph.D. programme.
- ☐ Application Forms can be submitted only by Registered Post/Speed Post to Section Officer (Admissions), Room No.28, Administrative Block, Jawaharlal Nehru University, New Delhi - 110067 latest by 28th March, 2013. JNU will not accept responsibility for any postal delay or irregularity or loss in postal transit.

PLEASE DO NOT SEND YOUR APPLICATION FORM THROUGH PRIVATE COURIER SERVICES OR ANY OTHER POSTAL MODE EXCEPT REGISTERED POST/SPEED POST

- **Any dispute with regard to any matter relating to admission shall be subject to the jurisdiction of Delhi Courts only.**

JAWAHARLAL NEHRU UNIVERSITY

NEW DELHI-110067

www.jnu.ac.in

PROSPECTUS

**ACADEMIC SESSION
2013-14**

"A university stands for humanism, for tolerance, for reason, for the adventure of ideas and for the search of truth. It stands for onward march of the human race towards ever higher objectives. If the Universities discharge their duties adequately, then it is well with Nation and the people"



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I. GENERAL

The Jawaharlal Nehru University constituted under the Jawaharlal Nehru University Act 1966, (53 of 1966) came into existence in 1969. Its objectives, as defined in the First Schedule of the Act, are as follows:

"The University shall endeavour to promote the principles for which Jawaharlal Nehru worked during his life-time, national integration, social justice, secularism, democratic way of life, international understanding and scientific approach to the problems of society.

Towards this end, the University shall:

- (i) foster the composite culture of India and establish such departments or institutions as may be required for the study and development of the languages, arts and culture of India;
- (ii) take special measures to facilitate students and teachers from all over India to join the University and participate in its academic programmes;
- (iii) promote in the students and teachers an awareness and understanding of the social needs of the country and prepare them for fulfilling such needs;
- (iv) make special provision for integrated courses in humanities, science and technology in the educational programmes of the University;
- (v) take appropriate measures for promoting inter-disciplinary studies in the University;
- (vi) establish such departments or institutions as may be necessary for the study of languages, literature and life of foreign countries with a view to inculcating in the students a world perspective and international understanding;
- (vii) provide facilities for students and teachers from other countries to participate in the academic programmes and life of the University."

In the light of the above, the approach of the University has been to evolve policies and programmes which will make Jawaharlal Nehru University a distinct addition to the national resources in higher education rather than a mere quantitative expansion of facilities which already exist. The University has identified and is concentrating upon some major academic programmes, which are of relevance to national progress and development.

The basic academic units of the University are not single discipline departments but multi-disciplinary Schools of Studies. A School has been visualised as a community of scholars from disciplines which are linked with each other organically in terms of their subject-matter and methodology as well as in terms of problem areas. Some Schools are made up of a number of Centres which constitute the units operating within the broad framework of a School. A Centre has been defined as a community of scholars irrespective of their disciplines engaged in clearly identified inter-disciplinary programmes of research and teaching.

Unless otherwise specified in the question paper, the JNU being an all India University, the medium of instruction for all programmes of study (barring Languages) is English; and the candidates are advised to write their answers, as far as possible, in English.

In order, however, to facilitate students coming from varying backgrounds with medium of instruction other than English at their Bachelor's/Master's level, the University has in-built facilities for remedial courses in English Language in order to enable them to strengthen their foundation in English as well as to cope up with their academic and research programmes adequately.

The University includes the following Schools of inter-disciplinary research and teaching besides some Special Centres of Study:

- (i) School of International Studies
- (ii) School of Language, Literature and Culture Studies
- (iii) School of Social Sciences
- (iv) School of Arts and Aesthetics
- (v) School of Life Sciences
- (vi) School of Environmental Sciences
- (vii) School of Computer and Systems Sciences
- (viii) School of Physical Sciences
- (ix) School of Computational and Integrative Sciences
- (x) School of Biotechnology
- (xi) Centre for Molecular Medicine
- (xii) Centre for Sanskrit Studies
- (xiii) Centre for the Study of Law and Governance

In matters relating to enrolment, steps have been taken to ensure that students from all parts of the country are able to join the University so that it becomes a national University in the true sense of the word.

The admission policy of the University is governed by the following principles :

- (i) to ensure admission of students with academic competence and potentialities of high quality so that its alumni may be able to play their role in the process of national construction and social change in a meaningful manner;
- (ii) to ensure that adequate number of students from the under-privileged and socially handicapped sections of our society are admitted to the University; and
- (iii) to maintain all-India character of the University by having on its rolls a fair representation of students from different regions of the country especially the backward areas.

Upto 22.5 per cent (15% for SC and 7.5% for ST) of seats are reserved for SC/ST candidates respectively. 3% seats are reserved for Physically Challenged (Handicapped). The SC/ST and Physically Challenged (Handicapped) candidates who have passed the qualifying examination irrespective of their percentage of marks are eligible to appear in the Entrance Examination. 27% seats are reserved for OBC candidates (non creamy layer).

In the light of the objectives of the University as spelt out in the First Schedule of the Act, steps have been taken to ensure that students from outside India, especially from the developing countries join the rolls of the University in adequate number.

The number of seats being limited, admission will be made on the basis of merit. Merit lists will be drawn in accordance with the provisions of Admission Policy of the University.

No candidate shall be eligible to register for a full-time programme of study if he/she is already registered for any full-time programme of study in this University or any other University/Institution or is in full time employment.

However, students pursuing M.Phil./Ph.D. programme are allowed to take up full time employment only after completing two years residential requirement. Provided that those engaged in teaching and research in recognized institution located in NCR may be allowed to take up the full time employment subject to a limitation of 12.5% of the total number of M.Phil./Ph.D. student in a particular School (Prior approval and No Objection Certificate from the employer is pre-requisite for registration/admission).

A candidate who successfully completes a programme in one particular language/subject may not be entitled for admission to same level of programme (language/subject) again. The candidate may be allowed one more chance to get admission in other language/subject. Further, the candidate who fails to complete the programme successfully in the first two chances will not be given admission third time in the same language/subject under any circumstances. This will be applicable to all programmes of study being offered by the University.

Courses, Mode of teaching and Mode of evaluation, Curriculum updation

JNU is innovative with regard to its academic structure, and the revision of curricula is a continuous and ongoing process. The revision is initiated by individual faculty member(s) depending on requirements with a view to keeping pace with the changing needs.

Keeping the spirit of the interdisciplinary character of the University, the courses are structured in such a way that in addition to the prescribed compulsory courses in the discipline concerned, the students are encouraged to opt for optional courses from other Centres/Schools to benefit from the faculty of other Centres/Schools. Unless a student obtains prescribed grades and credits in optional courses, he/she will not be qualified for award of degree.

The University follows semester system. Each course is for the duration of one semester and it is assigned a specific number of credits. The number of credits to be assigned to a course are determined by Board of School on the recommendation of the Centre concerned. Evaluation is done by the concerned course teacher with the exception of M. Phil dissertation and Ph. D. thesis. University follows a continuous evaluation system. Each course has a number of credits with prescribed contact hours.

BA (Hons.), BA(Pass), MA, M.Sc. Degrees:

Credit Requirements : Three year BA Programme in Languages.

1. There shall be three levels of courses :
 - i) 'C' level courses which will be given ordinarily in the first two semesters.

- ii) 'B' level courses which will ordinarily be given in the third, fourth, fifth and sixth semesters; and
- iii) 'A' level courses which will ordinarily be given in the seventh, eighth, ninth and tenth semesters. (Basically for M.A. Programmes.)

2. Ordinarily a course shall be given in three/four contact hours a week and the credits for these courses shall be as follows :

'C' level courses	:	2 credits (1 Credit == 2 contact hours/week)
'B' level courses	:	3 credits (1 Credit == 1 Contact Hour/week)
'A' level courses	:	4 credits (1 Credit == 1 Contact Hour/week)

3. The actual credits requirement in the case of a student or a group of students for Master's Degree shall be prescribed by the Centre concerned.

B.A. : Minimum credit requirements 100
[Duration : 6 semesters extendable by two extra semesters; CGPA requirements 3.0 for BA [Pass] 4.0 for BA [Hons.]]

M.A./M.Sc. : Minimum credit requirements 64
[Duration : 4 semesters extendable by two extra semesters; CGPA requirements 4.0]

M.C.A. : Minimum credit requirements 96
duration: 6 semesters extendable by two extra semesters; CGPA requirements 4.0

Evaluation:

1. The system of evaluation for each course shall be laid down by the Board of the School on the recommendation on the Centre concerned.
2. For courses having a semester examination, sessional work shall carry the same weight as the semester examination.
3. The pattern and schedule of sessional work for each course of a semester shall be prescribed by the Board of the School, on the recommendation of the Centre concerned, and shall be made known to the students at the commencement of each semester.
4. The students shall be graded in each course on a 10 point scale, that is :

Grade	Grade Point
A+	9
A	8
A-	7
B+	6
B	5
B-	4
C+	3
C	2
C-	1
F	Fail

Note : There shall be no rounding off of SGPA/CGPA/FGPA

5. A student who fails in a course shall be required either to repeat that course or to clear another course in lieu thereof.

Explanation :

A Student shall be required to repeat a course or clear another course in lieu thereof irrespective of his/her past performance in the sessionals if he/she has been awarded a final weighted grade of 'F' in that course.

6. A student who secures a grade higher than 'F' in a course may be permitted by the Centre to improve his/her grade by repeating that course once :

Provided further that a student who wants to repeat a course to improve his/her performance shall be allowed to do so only if he/she surrenders his/her earlier grade in the course by 16th August in case of Monsoon Semester courses and by 1st February in case of Winter Semester courses. Having surrendered his/her earlier grade by due date, it will be his/her repeat performance in the course which will be taken into account to compute the SGPA and the CGPA. His/her transcript will however, reflect appropriately both the performances and the fact that he/she had repeated the course/courses.

7. A Student will be required to maintain a C.G.P.A. of 3.0 (in core courses in the case of Languages Programmes and all courses in the case of other Programmes) at the end of the second semester and thereafter.

8. All the students of the School of Language, Literature & Culture Study who are admitted to B.A. (Hons.) programme during academic session 2012-13 will be required to take the entrance examination for admission to M.A. in foreign languages. In other words, this will be applicable to the candidates who will be joining B.A.(Hons.) 1st and/or 2nd year programme during the academic session 2012-13.

M. Phil.:

It has both course work and dissertation. The course work will be completed in first two consecutive semesters followed by dissertation within the maximum permissible period of two semesters. The entire M.Phil programme has to be completed in four consecutive semesters.

The credit requirement for course work and dissertation is a minimum of 24 credits with at least 14 credits for the course work (including Research Techniques/Methodology and at least 6 credits for the dissertation).

M.Tech. :

It has both course work and dissertation. The course work will be completed in first two consecutive semesters followed by dissertation within the maximum permissible period of two semesters. The entire M.Tech. programme has to be completed in four consecutive semesters.

The credit requirement for course work and dissertation is 50 credits with at least 30 credits for the course work, 5 credits for seminar and 15 credits for dissertations.

M.P.H.:

The programme shall be spread over four semesters and the field work will be completed during inter semester vacations.

The credit requirement for course work and dissertation is 36 credits with at least 27 credits for the course work (including Research Methodology) and 9 credits for field work.

Pre-Ph. D. programme:

Course work of minimum of 14 credits followed by thesis. The course work has to be completed in the first two semesters.

Direct Ph. D. :

Generally no course work. However, depending upon the individual cases the Committee for Advanced Studies and Research may prescribe some courses.

Evaluation:

Evaluation of course work will be done the same way as explained earlier in the case of B.A. M.A./M.Sc. programmes.

However, there is no provision for **repetition of course in this programmes**. If one fails in a course he/she will be out of the programme.

A student, enrolled in the M.Phil./M.Tech. Programmes will be required to maintain a CGPA of 5.00 at the end of second semester of the programme i.e. at the end of course work failing which he/she has to discontinue the programme. In case of students enrolled in the MPH programme he/she has to maintain a CGPA of 5.00 at the end of second and third semester of the programme. Further if a student admitted to the above programmes fails in any course/in any semester he/she has also to discontinue the programme irrespective of SGPA/CGPA.

The dissertation will be evaluated by two examiners - one of them will be the Supervisor and the other - an external examiner. If both the examiners find the dissertation worthy of awarding degree then they will award the grade jointly after the viva-voce. (In case the viva is waived off then each one gives the grade and the average is taken as the grade for the dissertation).

A student will be required to obtain a CGPA of 5.5 to be eligible for the award of M.Phil Degree and must obtain a CGPA of 6.0 (5.5 in case of SC/ST/PH students) to be eligible for continuation in the Ph.D. programme

A student securing a CGPA of 6.5 in the course work can opt to skip the dissertation and M.Phil degree and can get confirmed to Ph.D programme at the end of the course work.

A student enrolled in the pre-Ph.D programme needs to obtain a CGPA of 6.5 (6.0 in the case of SC/ST/PH Students) in the course work to get confirmed to the Ph.D programme.

If a course work is prescribed as credit courses for direct Ph.D. student he/she needs to secure 6.50 for confirmation to Ph.D. programme.

The Ph.D thesis will be evaluated by two external examiners and based on the positive recommendations of both the examiners, a student is required to appear in the viva-voce examination to defend the thesis and based on the viva performance the degree is recommended and awarded.

II. SCHOOLS AND THEIR PROGRAMMES OF STUDY

1. SCHOOL OF INTERNATIONAL STUDIES

Established in 1955, the School of International Studies is the oldest School of the University. During fifty four years of its existence, the School has established itself as one of the premier institutions in the country for the study of international relations and area studies. The School has made pioneering contributions in promoting the study of international relations as an academic discipline in India and in advancing knowledge and understanding of international affairs in an interdisciplinary perspective. The School is also the first institution in the country to promote "Area Studies" and to develop expertise on various countries and regions of the world. It has also acquired an international reputation as a centre of advanced learning.

To begin with, the School was affiliated to the University of Delhi as the Indian School of International Studies. From September 1961 till the School merged with Jawaharlal Nehru University in June 1970, it functioned as a deemed university. Following the merger, the prefix "Indian" was dropped from the name of the School and it became the School of International Studies of the Jawaharlal Nehru University.

For a long time, the academic programmes of the School focused exclusively on research only awarding Ph.D. degree. Soon after the School became a part of the Jawaharlal Nehru University, the M.Phil. curriculum was introduced in 1971-72. In the following academic year 1973-74, the School started offering a 2 year M.A. (Politics: International Studies) programme. A new and unique M.A. programme in Economics (with specialization in World Economy) was introduced in 1995-96 by the Economics Division of the Centre for International Trade and Development.

Presently, there are more than 100 faculty members in the School. It also has Emeritus Professors and distinguished scholars. Several Chairs have been instituted in the School in the recent years. These are Appadorai Chair, Nelson Mandela Chair, State Bank of India Chair and Chairs in Environmental Law and Space Law. Members of the faculty of the School have contributed to the advancement and dissemination of knowledge in International Studies not only through their teaching and research supervision but also by publishing books and articles in journals of highest international repute.

The School holds national and international seminars from time to time on important aspects of area studies, inter-country relations and on themes relating to the study of international relations as an academic discipline.

The School also holds a series of Hriday Nath Kunzru Memorial (Extension) Lectures every year on a theme relating to contemporary international relations. Under an endowment funded by Asia Publishing House, Bombay, it also holds lectures in memory of the great poet and patriot, Sarojini Naidu and invites a distinguished scholar or statesman to deliver the memorial lecture.

The School publishes a quarterly journal "International Studies". Founded in July 1959, this journal has acquired world-wide reputation as a leading Indian academic journal in the field.

(A) PROGRAMMES OF STUDY

(i) **M.Phil./Ph.D.** : Selected candidates shall be admitted, in the first instance, to a two-semester programme of course work. Successful completion of the prescribed courses and a dissertation in the next two semesters will lead to the award of degree of Master of Philosophy. The students meeting the prescribed criteria shall be eligible for registration for the Ph.D. Programme. They may submit their doctoral theses, four semesters after their registration for the Ph.D. degree. The Centres of the School may, at their discretion, provisionally admit a candidate directly to the Ph.D. Programme and prescribe courses for him. Such a candidate will not qualify for the M.Phil. degree. On satisfactory completion of the prescribed courses and examinations, he may be registered for the Ph.D. Programme.

On the basis of academic performance of the students and recommendations of the Centres, students who complete a preliminary draft of their doctoral theses may be deputed for field research abroad to their respective regions of specialisation. Course work and research facilities for the M.Phil./Ph.D. Programmes are available in the following fields of the ten Centres of Studies of the School:

Centres of Studies & Fields of Study

- 1. Centre for Canadian, US and Latin American Studies**
 1. Canadian Studies
 2. United States Studies
 3. Latin American Studies
- 2. Centre for European Studies**
 1. European Studies
- 3. Centre for International Legal Studies**
 1. International Legal Studies
- 4. Centre for International Trade and Development**
 1. International Trade & Development
- 5. Centre for East Asian Studies**
 1. Japanese Studies
 2. Chinese Studies
 3. Korean Studies
- 6. Centre for International Politics, Organization and Disarmament**
 1. International Politics
 2. International Organization
 3. Diplomacy and Disarmament
 4. Political Geography
- 7. Centre for Russian & Central Asian Studies**
 1. Russian & Central Asian Studies

8. Centre for South, Central, South-East Asian & South-West Pacific Studies

1. South Asian Studies
2. Southeast Asian & Southwest Pacific Studies
3. Central Asian Studies

9. Centre for African Studies

1. African Studies

10. Centre for West Asian Studies

1. West Asian Studies

11. Centre for Comparative Politics and Political Theory

Centre for Comparative Politics and Political Theory offers four MA level courses in Political Theory/Thought, Comparative Politics and Indian Politics. These courses form part of a set of core courses for MA students of SIS. The Centre offers only Direct Ph.D admission to doctoral students wishing to work broadly in the above fields.

Note: In addition to above Direct Admission to Ph.D. Programme is also offered in all the Centres of the School.

(ii) M.A. in Politics (with specialization in International Relations)

The two-year Master's Degree Programme in Politics (with specialization in International Relations) is a School level programme in which all the Centres of Study of the School participate. The Programme combines studies in International Affairs, Area Politics, Political Theory, Comparative Politics and Economic Development which enable the graduates to receive all-around exposure in various fields of study.

(iii) M.A. in Economics (with specialization in World Economy)

The Centre for International Trade and Development launched a Master's Programme (M.A.) in Economics in 1995-96. The M.A. programme was designed with a clear emphasis on emerging global issues like trade, technology, environment, natural resources, currency and finance that makes it unique, and distinct from conventional M.A. programmes in economics offered elsewhere in India.

The programme provides sound theoretical background in the Principles of Economics and equips students with analytical tools and techniques for understanding the evolution of the world economy. Apart from preparing students for advanced research work, the programme also aims at training students as professional economists for the government, non-government and the corporate sectors.

(B) CENTRES OF THE SCHOOL**(i) Centre for Canadian, US & Latin American Studies**

The Centre for Canadian, US & Latin American Studies comprises the following three streams:

1. Canadian Studies
2. United States Studies
3. Latin American Studies

The Centre offers inter-disciplinary courses at the M.A., and M.Phil./Ph.D. level on Canada, the United States, and Latin America and Caribbean. The Centre's thrust areas include domestic political dynamics, foreign policies, security policies, regional integration processes and issues related to multiculturalism, ethnicity, gender and environment. Subjects and themes relevant to the Indian context and North-South issues with a thematic focus are addressed in the study and research activities of the Centre.

(ii) Centre for European Studies

The Centre for European Studies is a multi-disciplinary department which aims to promote teaching, research and outreach activities to improve the understanding of Europe and Indo-European affairs. The Centre came into existence in 2005 as a result of larger restructuring of academic programmes in the School of International Studies. The areas of teaching and research in the Centre include Europe, The European Union and the new Central and Eastern Europe. It offers courses at M.Phil. level on Europe and the European Union (EU) viz., European Economic Integration, European Security, EU in World Politics, Politics and Society in Central and Eastern Europe and Identity Issues in Europe, besides compulsory courses in Research Methodology and German Language.

Regular seminars, conferences and lectures are organized by the Centre with the aim of bringing together wide range of expertise and to exchange views on the subjects of contemporary importance. The UGC has recognized the Centre as one of the advanced centres of European Studies in India by granting an Area Studies Programme to it.

(iii) Centre for International Legal Studies

The Centre for International Legal Studies consists of specialists in International Law, Trade Law, Law of International Organisation, International Environmental Law, Human Rights Law, Intellectual Property Law and International Air and Space Law. The Centre offers M.Phil/Ph.D programmes. It also offers two core courses (International Law of Peace and Legal Controls of International Conflict) and one optional course (Human Rights and World Order) to M.A. students.

(iv) Centre for International Trade and Development

The Centre attempts to provide a strong foundation for theoretical and empirical economic analysis. The Centre concentrates on thrust areas such as International Economics, Economic Development, Finance, Environmental Economics, Industrial Organisation and Econometrics. The Centre offers an M.A. in Economics (with specialization in World Economy) and M.Phil./Ph.D. in Economics with the following areas of research specialization - trade, development, finance, banking, environment, regulation etc.

(v) Centre for East Asian Studies

The Centre for East Asian Studies, originally established as a Centre for Chinese and Japanese Studies, subsequently grew to include Korean Studies as well. The Centre imparts courses on historical, political, socio-cultural, economic and foreign policy dimensions of China, Japan and the Koreas at the M.Phil level, while Ph.D. researcher specialises in an area of his/her interest related to the East Asian region. The faculty of the Centre also offers courses at the MA level of the School. The successive generations of the faculty members of the Centre supervised more than 60 Ph.D. theses (about 40 in Chinese Studies, 25 in Japanese Studies and one in Korean Studies), above 220 M.Phil .dissertations (including more than 100 each in Chinese and Japanese Studies and 16 in Korean Studies). The Centre currently has eight faculty members (four in Chinese Studies, three in Japanese Studies and one in Korean Studies) and 67 students registered at M.Phil/Ph.D. levels. The Centre organises regular seminars, workshops and meetings, conducts presentations by researchers and invites scholars from abroad to enhance professional understanding of the region. The faculty members of the Centre have published extensively and several of them also serve as consultants, advisors, or honorary fellows at prestigious institutions in India and abroad. Several students of the Centre have been recipients of prestigious research fellowships awarded by the Japan Foundation, Mombusho (Ministry of Education, Government of Japan), Saburo Okita Memorial Fellowship, Nippon Foundation, Korea Foundation, Nehru Memorial Fellowship, and Fellowship from the Chinese and Taiwanese Government. Besides, students from Japan receive fellowship from the Indian Council of Cultural Relations. As the profile of the East Asian states and economies are rising, the Centre is in the process of re-inventing itself to gear for the new trends in the region in teaching, research and academic collaboration.

(vi) Centre for International Politics, Organization and Disarmament

The Centre runs four MPhil/PhD programmes in (i) International Politics (ii) International Organization (iii) Diplomacy and Disarmament (iv) Political Geography

The focus of the Centre's research activities has evolved over the years, in line with emerging concerns in the arena of world politics. Those wishing to apply to any of our programmes should note the specific areas of concern for each programme. The International Politics division works on theoretical approaches to the study of global politics, in particular on major Schools of thought such as Realism, Liberalism, Constructivism and Post-Colonialism. The International Organization division focuses on the study of the problems and processes of global governance with reference to global, regional and functional international organizations. The Diplomacy and Disarmament division works on issues such as the theory and practice of negotiations, peace and

conflict resolution, revolution in military affairs, nuclear deterrence and disarmament, environmental security, critical security studies and terrorism and other non-traditional threats to security. The Political Geography division focuses on the study of theoretical and applied aspects of political geography and theories in geopolitics. The division also runs a Cartographic Lab equipped with GIS software. Further information may be obtained at <http://www.jnu.ac.in/main.asp?sendval=cipod>

(vii) Centre for Russian & Central Asian Studies

The Centre runs M.Phil./Ph.D. Programmes in Russian, Central Asian and CIS Studies. It conducts research in these areas. The Centre works in close co-operation with policy makers and larger academic community. Regular seminars and conferences are also organised by the Centre in order to bring together a wide range of expertise and to exchange views on subjects studied by the faculty and the research scholars. In recognition of its high quality academic and research programme, University Grants Commission has accorded the Centre the status of an Advanced Centre of Russian and Central Asian Area Studies in India. Other areas of research and teaching in the Centre are Transcaucasia and Baltic Republics, Ukraine and Belarus, History, Politics, Economy and Society of these areas are studied in an interdisciplinary manner.

(viii) Centre for South, Central, South east Asian & South west Pacific Studies

The Centre for South, Central, Southeast Asia and Southwest Pacific Studies has been a major research and teaching Centre in the country especially on four crucial area studies programmes viz. South Asia, Central Asia, South East Asia and Southwest Pacific Studies. All the four Divisions have strong teaching and research base of over 20 countries and the respective region as a whole. The academic contents and activities include an objective study and assessment of critical issues related to security, history, politics, society, economic development, environment, foreign policy, regional cooperation/integration and other contemporary affairs. The Centre offers courses both at M.A. and M.Phil. level and has been actively pursuing both rigorous academic and policy oriented research. The Centre has a set of very well known faculty members. It has over 200 students from both India and foreign countries. The Centre has evolved and developed into a full fledged institute of academic excellence, much admired by students, frequently consulted by the national governments and eagerly sought after by international organizations and academic institutions. The Centre also has special programmes on Central Asian Studies and Pakistan funded by the University Grants Commission under its area studies programme. A new programme is being introduced on Energy Studies.

(ix) Centre for African Studies

Centre for African Studies covers the entire African continent including Sub-Saharan, North African region

and African Island countries. It has a UGC Area Studies Programme on African Studies established in 2005. The Centre focuses on research activities related to Southern Africa. Francophone Countries and North African region. It has special focus on Indian diaspora in the region and Indo-African Relations.

The faculty members of the Centre offer M.A. as well as M.Phil/Ph.D courses. Taught courses include foreign policy as well as political, economic and social systems pertaining to the region.

(x) Centre for West Asian Studies

The Centre for West Asian Studies focuses on all countries of West Asia and North Africa. It has a UGC sponsored Gulf Studies Programme established in 1978 as part of the Area Studies Programme of the UGC. The Gulf Studies Programme focuses on the countries on Gulf Cooperation Council, Iran, Iraq and Yemen. The Centre also focuses on Indian diaspora in the region.

The faculty members of the Centre offer M.A. as well as M.Phil/Ph.D courses. Taught courses include areas of foreign policy and political, economic and social systems pertaining to the region.

(xi) Centre for Comparative Politics and Political Theory

The Centre has been recently formed, and its future plans include the development of optional MA level courses in the fields of Theory/Thought and Comparative Politics, with a special focus on intellectual resources from the non-western world.

At present it offers four core courses in Political Theory/Thought, Comparative Politics and Indian Politics to MA level students of the School, and admits candidates to the Direct PhD programme. It also organizes occasional talks and seminars on issues of contemporary relevance.

(C) ELIGIBILITY FOR ADMISSION

(i) Direct Admission to Ph.D. Programme

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/Research Institution with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials; 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 FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.

For Centre for International Trade & Development,

The candidate should have (i) M.Phil. in Economics/International Trade and Development with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials; OR

(ii) Masters degree in Economics with FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage 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.

(ii) M.Phil./Ph.D.

(a) For Centre for International Politics, Organization and Disarmament:

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, Central, South East Asian & South West Pacific 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.

(iii) M.A.**(a) M.A. in Politics (with specialization in International Relations)**

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

(b) M.A. in Economics (with specialization in World Economy)

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 & Economics as subsidiary subjects.

2. SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES
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Language is the key to society and man - how we think, what we think, how we interact with each other and co-exist as a community, all this is determined by language which is not only the means of thought but in fact the thought itself. Learning different languages means learning about cultures and traditions of various people. There are a large number of human natural languages, but we cannot learn all of them. However, if we acquaint ourselves with major languages of the world, we get to know much about human civilisation and culture. The School of Language, Literature and Culture Studies set up with this in mind, imparts instruction in a number of major European and Asian languages such as Arabic spoken in lands where Arabs live, Persian language of Iran an ancient country, Japanese, Korean and Chinese are spoken in the far east of Asia by a large number of people belonging to economically and politically powerful countries. The School also teaches major European languages such as English, French, German, Russian, and Spanish which are the languages basically of Europe but are spoken by large number of people in the Americas. Each of these languages has a significant body of literature, a galaxy of great writers, novelists, poets, story writers. These languages are the carriers of great culture and great philosophy. The student who opts to study a language in the School will, in fact, be studying much more than language. He/she will also be studying the literature, art and philosophy of that Culture.

Training in a major language enables one, at the end of the training, to become a translator, an interpreter, a teacher, an expert or a consultant in multi-media projects. Now that the world is becoming a small place and with the spreading globalisation a person trained in a foreign language is becoming an important person, a culture negotiator in fact.

The courses aim at developing competence and proficiency in spoken as well as written language through audio-visual techniques, language laboratory, films etc.

The courses in civilization and culture give a total overview of the history, geography and cultural institutions of the country concerned. A survey of the country's history, its art and thought are woven into the fabric of the courses to give the students a proper understanding of the relationship between society and its art and thought.

Literature is studied as a specific discipline in itself and students are trained in various methods of literary analysis. Literature is studied in its socio-historical context besides its study as an aesthetic object.

The School of Language, Literature and Culture Studies is the only institution of its kind in the country where facilities for teaching and research in most of the major foreign languages are available. In addition to the several foreign languages, the School also provides for teaching/research in English, Theoretical & Applied Linguistics and a few Indian Languages.

Language studies in the School seek to promote in students a world perspective and a spirit of international cooperation and understanding of different civilizations and cultures.

All the students of the School of Language, Literature & Culture Study who are admitted to B.A. (Hons.) programme from the academic session 2012-13 onwards will be required to take the entrance examination for admission to M.A. in foreign languages. In other words, this will be applicable to the candidates joined/joining B.A.(Hons.) 1st and/or 2nd year programme from the academic session 2012-13 onwards.

(A) PROGRAMMES OF STUDY

Centre of Studies, Programme of Study & Languages
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- 1. Centre of Persian and Central Asian Studies**
 - a. M.Phil./Ph.D. in Persian
 - b. M.A. in Persian
 - c. B.A.(Hons.) 2nd year in Persian
 - d. B.A.(Hons.) 1st year in Persian
 - e. *Advanced Diploma of Proficiency in Pushto
 - f. *Diploma of Proficiency in Pushto
 - g. *Certificate of Proficiency in Pushto
- 2. Centre of Arabic and African Studies**
 - a. M.Phil./Ph.D. in Arabic
 - b. M.A. in Arabic
 - c. B.A.(Hons.) 2nd year in Arabic
 - d. B.A.(Hons.) 1st year in Arabic
- 3. Centre for Japanese, Korean and North-East Asian Studies**
 - a. M.Phil./Ph.D. in Japanese
 - b. M.Phil./Ph.D. in Korean
 - c. M.A. in Japanese
 - d. M.A. in Korean
 - e. B.A.(Hons.) 2nd year in Japanese
 - f. B.A.(Hons.) 2nd year in Korean
 - g. B.A.(Hons.) 1st year in Japanese
 - h. B.A.(Hons.) 1st year in Korean
 - i. *Certificate of Proficiency in Mongolian

4. **Centre for Chinese & South-East Asian Studies**
 - a. M.Phil./Ph.D. in Chinese
 - b. M.A. in Chinese
 - c. B.A.(Hons.) 2nd year in Chinese
 - d. B.A.(Hons.) 1st year in Chinese
 - e. *Diploma of Proficiency in Bahasa Indonesia
 - f. *Certificate of Proficiency in Bahasa Indonesia
5. **Centre for French and Francophone Studies**
 - a. M.Phil./Ph.D.
 - b. M.A. in French and Francophone Studies
 - c. B.A.(Hons.) 2nd year in French
 - d. B.A.(Hons.) 1st year in French
6. **Centre of German Studies**
 - a. M.Phil./Ph.D. in German
 - b. M.A. in German
 - c. B.A.(Hons.) 2nd year in German
 - d. B.A.(Hons.) 1st year in German
7. **Centre of Indian Languages**
 - a. M.Phil./Ph.D. in Hindi
 - b. M.Phil./Ph.D. in Hindi Translation
 - c. M.Phil./Ph.D. in Tamil
 - d. M.Phil./Ph.D. in Urdu
 - e. M.A. in Hindi
 - f. M.A. in Urdu
 - g. *Advanced Diploma in Mass Media in Urdu
 - h. *Certificate of Proficiency in Urdu
8. **Centre for Linguistics**
 - a. M.Phil./Ph.D. in Linguistics
 - b. M.A. in Linguistics
9. **Centre for English Studies**
 - a. M.Phil./Ph.D. in English
 - b. M.A. in English
10. **Centre of Russian Studies**
 - a. M.Phil./Ph.D. in Russian
 - b. M.A. in Russian
 - c. B.A.(Hons.) 2nd year in Russian
 - d. B.A.(Hons.) 1st year in Russian
11. **Centre of Spanish, Portuguese, Italian and Latin American Studies**
 - a. M.Phil./Ph.D. in Spanish
 - b. M.Phil. in Portuguese
 - c. M.A. in Spanish
 - d. B.A.(Hons.) 2nd year in Spanish
 - e. B.A.(Hons.) 1st year in Spanish

*** Part-Time Programme**

Note: In addition to above, Direct Admission to Ph.D. Programme is also offered in the above Centres except Centre of Indian Languages for the time being.

(B) CENTRES OF THE SCHOOL

1. Centre of Persian and Central Asian Studies

The Centre is a unique seat of Persian learning in India where the entire gamut of language, literature, history, culture and civilization of Iran, Afghanistan, Tajikistan and Medieval India is covered in its various academic programmes from undergraduate to postgraduate as well as research levels. The

programme of the centre is language based, literature oriented, and includes studies of culture and civilization. Translation having theory and applied sides is an extensive course of the centre in which students are thoroughly trained. The Centre has developed a good infrastructure for its researches in the Modern Persian literature.

Apart from the creative literature of the Persian speaking countries, special attention is paid to their sociology, politics, history and economics to enable the students to pursue proper study and research.

The Centre has been running B.A.(Hons.), M.A., M.Phil./Ph.D. programmes in Persian, and Certificate, Diploma and Advanced Diploma of Proficiency in Pushto language. The courses offered by the Centre include Translation, Interpretation, Audio-Visual, Literature, Culture, Aesthetics, Area Studies, Comparative and Interactive Studies etc.

Following are the major areas which the Centre has identified as thrust areas:

1. Contemporary Persian Literature-New Trends,
2. Interactive Literature,
3. Indo-Iran Relations,
4. Area Studies (Iran, Afghanistan, Turkey, Tajikistan, Uzbekistan),
5. Development of Pushto programme up to the level of Graduation.
6. Introduction of Uzbek and Mongolian languages

The M.Phil./Ph.D. programme in Persian has been designed to inculcate interest for research in various areas of Persian Language, Literature, Culture and Historical Studies. At the M.Phil. level the students are trained in research methodology and comprehensive history of Persian Language and Literature. Persian Studies in India specially the writings of Indian Scholars in Persian are the salient features of our M.Phil. and Ph.D. programme. M.A. in Persian should be regarded as the essential qualification for admission to M.Phil. programme.

Note: Entrance Examination for B.A.(Hons.) 2nd year, M.A. and M.Phil. shall be conducted in the Persian language.

2. Centre of Arabic and African Studies

The Centre offers full time three year B.A.(Hons.), two year M.A. and M.Phil/Ph.D. programmes in Arabic Language, Literature and Culture. The salient features of these programmes are intensive specialised training in Arabic Language with particular focus on developing communication skills, oral, written as well as translation. Subsequently, students are gradually exposed to and provided deep insight about the culture and literary heritage of the Arab World through both classical and contemporary texts. In recent years, the Centre has emerged as one of the most prominent centres among all the Indian Universities specially in the field of modern Arabic Language and specialisation in its literature.

B.A.(Hons.) in Arabic: The course at the level of B.A.(Hons.) in Arabic is designed to develop language

skill in speaking, reading, writing, comprehension, translation and interpretation. The students are also acquainted with history, culture and literature of the Arab World through courses such as contemporary Arab World and history of Arabic Literature. In teaching the language, audio visual language laboratory facilities and films are also used which makes learning the language simpler and interesting.

M.A. in Arabic: The M.A. programme has been designed to provide advanced and intensive training of Arabic Language, Literature, Culture and Civilisation through courses such as translation Arabic-English-Arabic, simultaneous interpretation together with course contents such as classical prose and poetry, modern prose and poetry, history of Arabic language and literature, Arabic novels and plays, prepare students for research and interpretation.

M.Phil./Ph.D. Programme: The M.Phil/Ph.D. programmes in Arabic have been designed to inculcate interest for research in different areas of Arabic and Islamic literature, culture, language and history. At the M.Phil level the students are trained in research methodology and a special paper Arabic Studies in India is the hall mark of the M.Phil programme.

The centre also plans to develop thrust areas such as:

- A. Classical Arabic language and literature
- B. Indo Arab relation in the field of contemporary literary exchange
- C. Indo African Studies: social cultural and literary aspects
- D. Introduction of Hebrew Language as a full time core course at B.A., M.A. & M.Phil/Ph.D levels. At the moment, the centre offers optional courses in Hebrew B.A. level. The full-fledged course will be offered subject to availability of teaching faculty.

Note: Entrance Examination for B.A.(Hons.) 2nd year, M.A. and M.Phil. shall be conducted in the Arabic language.

3. Centre for Japanese, Korean and North-East Asian Studies

CJKNEAS is one of oldest Centres in the country to offer both undergraduate and postgraduate degree programmes in Japanese and Korean languages. The Centre also offers M.Phil/Ph.D. programme in Japanese Studies and a Part-Time one-year Certificate of Proficiency in Mongolian Language.

B.A. (Hons.) Japanese, is a three-year degree programme of six semesters during which courses required for imparting the four skills of the language, i.e. reading, writing, speaking and listening, are taught to the students. Courses on History of Japanese Literature, Society and Cultural Traditions are also offered in the B.A. Programme.

M.A. Japanese, is a two-year programme of four semesters, in which students master the advanced skills in Japanese with special emphasis on current affairs & Newspaper translation, interpretation,

analysis and appreciation of literary texts, and the cultural Heritage of Japan etc. At the M.A. level students have option to specialize either in Literature or Interpretation. The objective of this programme is to groom the students for translation, interpretation as well as research. In the final semester of M.A., the students are required to write a Dissertation on any area of their interest in Japanese studies.

M.Phil/Ph.D. in Japanese: The M.Phil. programme is of four semesters. Students are required to complete the prescribed number of courses and submit a dissertation for completion of M.Phil. For the Ph.D. programme the research scholar is required to submit a thesis on a topic of his/her choice from the field of Literature, Language, Comparative and Contrastive Linguistics.

B.A.(Hons) in Korean: This is a three-year degree programme wherein students are first imparted basic skills in listening, speaking, reading and writing in Korean Language. They are first introduced to the Korean script (Hangeul) and then gradually to Hanja or the Chinese characters which are used along with Hangeul. The course also trains the students in conversation, composition and translation through a knowledge of specialized terminologies. The students are given intensive training in the Oral skills with the help of State-of the-art audio-visual aids. Along with the language, students also study literature, culture, history and geography of Korean peninsula.

M.A. in Korean: This programme is a two-year programme of four semesters, in which students master the advanced skills in Korean with special emphasis on analysis of current affairs, translation, interpretation from English to Korean and vice-versa, appreciation of literary texts and study of social and Cultural Heritage of Korea. This programme also aims to impart general and overall understanding of Korean linguistics including Korean morphology, syntax, semantics, honorific usage. Students are also introduced first to the History of Korean literature and then to selected literary texts which cover poetry, short stories, novels, essays and plays.

M.Phil./Ph.D. in Korean: The M.Phil. programme is of four semesters. Students are required to complete the prescribed number of courses and submit a dissertation for completion of M.Phil. For the Ph.D. programme the research scholar is required to submit a thesis on a topic of his/her choice from the field of Literature, Language, Comparative and Contrastive Linguistics.

Mongolian Language Programme: The Centre also offers a Part-Time one-year Certificate of Proficiency in Mongolian Language.

Note: Entrance Examination for B.A.(Hons.) 2nd year, M.A. and M.Phil. in Japanese shall be conducted in the Japanese language and B.A. (Hons.) 2nd year, M.A. and M.Phil. in Korean language shall be conducted in the Korean Language.

4. Centre for Chinese & South-East Asian Studies

A full-time three-year B.A. (Hons.) and two-year M.A. in Chinese language at the Centre have been attracting and inspiring both the Indian and foreign students for more than two decades. The Centre offers an intensive specialized training in modern Chinese language with particular emphasis on the commonly spoken language (putunghua) in present day China. Apart from having proficiency in the language, the students are gradually exposed to the cultural and literary heritage of China through both classical and contemporary texts.

B.A. (Hons.) in Chinese: The courses at the level of B.A. (Hons.) in Chinese are designed to develop language skills in speaking, reading, writing and comprehension. The students are also familiarized with various aspects of life in China through courses such as Read Chinese, Newspaper Chinese, Chinese Oration/Fluent Chinese, General Knowledge of China, Composition etc. The courses are aimed at developing competence and proficiency in spoken as well as written Chinese through state-of-the-art audio-visual language laboratory facilities and films. The Centre also offers four tool courses in English for in-house students which are introductory courses about social, political and cultural life in East Asia.

M.A. in Chinese: The programme is designed to facilitate advanced and intensive training of Chinese language, literature, culture and civilization on the one hand and translation and interpretation on the other. Courses such as the History of Chinese Literature, Introduction to Chinese Language, Fundamental of Chinese-English Translation, Newspaper Translation, Chinese Novels, Consecutive and Simultaneous Interpretation, Introduction to the Economy of Modern China, Reading and Translation of Contemporary Writing train students for research and interpretation careers. The inter-disciplinary orientation of the courses also offers an opportunity to students to join M.Phil./Ph.D. programmes in social sciences streams of other Schools. The Centre offers a unique programme in training students in Chinese language with an intensive specialized training in the common by spoken variety of China (Putunghua). Apart from having a practical proficiency in the language concerned, students are also familiarized systematically with various aspects of life in China and other Chinese-speaking areas in the South-East Asia. The aim of the programme, therefore, is to stimulate and facilitate young scholars to engage themselves in advanced level language-based studies on language, literature, history and culture of China and South-East Asian Countries.

M.Phil./Ph.D. in Chinese: The Centre offers a research programme leading to Ph.D. degree. At M.Phil. level, the Centre aims at introducing research methodology and other multi-disciplinary courses. A student admitted to the programme is required to clear prescribed courses in the areas like methodology, language, literature, culture, history, India-China

contacts and write dissertation for completion of M.Phil. The broad areas of research include:

1. Chinese Culture Studies
2. India-China Civilizational Interaction through Ages
3. Contemporary Chinese Literature & Literary Theory & Criticism
4. Chinese Literary History
5. Chinese Language, Linguistic Profile and Linguistic History
6. Theory and Practice of Translation
7. Structure and Styles of Modern Chinese

COP/DOP in Bahasa Indonesia: The Centre also offers (Part-time) Certificate of Proficiency and Diploma of Proficiency programmes in Bahasa Indonesia

Note: Entrance Examination for B.A.(Hons.) 2nd year, M.A. and M.Phil. shall be conducted in the Chinese language.

5. Centre for French and Francophone Studies

The Centre is actively engaged in teaching and research in French and Francophone Studies with a view to promoting an interdisciplinary approach to learning. The Centre offers full-time courses at the level of B.A.(Hons.), M.A., and M.Phil/Ph.D.

B.A. (Hons.): The programme aims at language proficiency by imparting written and oral skills through communicative approaches, language laboratory, films etc. Along with language acquisition, courses in civilization, culture & literature of French and Francophone countries are also included in the programme.

M.A. in French and Francophone Studies

At the M.A. level, students may specialize in French & Francophone Literature or Translation & Interpretation. Courses on language, linguistics methodology of teaching French as a foreign language and civilization (History of Art, Cinema, French Thought and Mass Media) are common to both streams.

M.A. Literature: The CFFS has the distinction of being the first Centre in Asia to have introduced Francophone literature as part of the curriculum: literatures from Canada, Sub-Saharan Africa, North Africa, the Indian Ocean, Asia and Europe constitute a substantial part of the syllabus. Equal weightage is given to theories of literature, thematic study of literature and its evolution through genres. With a view to promoting an intercultural perspective, courses on French Literature and India as well as Contemporary Indian literature in French have been introduced.

M.A. Translation & Interpretation: The programme is designed to teach theory and practice of translation and to analyze problems of interlinguistic and intercultural transfer and terminology of specialized fields. The role of translation in building national literatures and disseminating knowledge is emphasized. Courses such as "Translation in French of Indian Literary works" study the construction of Indian identities in French translations. A course on Scientific and Technical translation initiates students

to techniques of documentary and terminological research. The CFFS lays equal emphasis on consecutive and simultaneous interpretation, and students undergo rigorous training in laboratory booths before going professional.

M.A. Dissertation : With a view to broadening the philosophical horizons of the students, the Centre not only promotes individual research in the form of an M.A. Dissertation (written in French) under the personal supervision of a teacher, but also actively encourages students to present papers in Conferences and Seminars for a wide range of reactions to their ideas.

M.Phil/Ph.D : Courses on Methodology of research, theories of translation, literature, linguistics and didactics of language & Culture are offered to students enrolled for M.Phil/Ph.D.

Note: Entrance Examination for B.A.(Hons.) 2nd year, M.A. and M.Phil. shall be conducted in the French language.

6. Centre of German Studies

The Centre offers a B.A. Programme, three M.A. Programmes (M.A. in Literature; M.A. in Translation; M.A. in Translation and Interpretation) as well as a research programme (M.Phil/Ph.D.). Intensive language courses in the first year B.A. equips the students with the requisite knowledge of the German language to study the cultural, political, and literary history of German speaking countries. Introductory courses in linguistics and translation are offered in B.A. III, along with literary and social history. Tool courses in the cultural history of Europe since the Renaissance and in the political history of German speaking countries after 1945 are taught in English.

The Centre of German Studies is among the first departments to offer separate degrees in Literature, Translation and Translation/Interpretation. The M.A. in Translation and Translation/Interpretation offers a broad spectrum of courses, ranging from the conventional to the innovative, thereby providing students the choice of becoming professionally competent translators/interpreters or entering the equally challenging and rewarding arena of research in Translation Studies. The M.A. in Literature engages closely with contemporary literatures from German speaking countries. This programme also focuses variously on particular authors, literary movements, genres, and periods in literary history. Courses in theories of literature provide students with the opportunity to read critical texts which also form the theoretical basis of the literature curriculum.

Within the M.A. programme, we also offer a range of common courses, which seek to consolidate and supplement what students learn in their respective specializations. Didactics of German Language, the cultural and political history of key periods in the history of German speaking, Germany within the European Union, courses in Stylistics and Linguistics as well as courses in folklore studies are among some of these courses. Over the third and fourth semester of the M.A.,

students are expected to write a dissertation on an area of their choice.

Note: The Entrance Examination for B.A. (Hons.) 2nd Year, M.A. and M.Phil. will be conducted in German. There will be two separate Entrance Examination for M.A. – 1. (Literature) and 2. M.A. (Translation/ Translation & interpretation).

7. Centre of Indian Languages

The Centre is a research oriented Centre of higher studies for promoting inter-disciplinary approach to, and comparative perspective of literary studies. The Centre undertakes socially relevant and intellectually provoking research in various Indian languages. At present, the Centre has facilities for teaching and research in Hindi, Hindi Translation, Urdu and Tamil. Bengali, Marathi & Assamese languages are being introduced in the Centre. Efforts are being made to introduce Pobjabi, Odia, Malayalam & Kannada. The Centre has made innovations in its teaching and research programmes relating to Hindi, Urdu and Tamil languages, literatures and their cultures. The Centre is perhaps the only Centre of its kind in India where not only common courses in Hindi and Urdu at M.A. level are being taught but also faculty and students are engaged in comparative and integrated research. The Centre of Indian Languages offers courses at M.A. level in History of language and literature, Indian and Western literary theories, literary texts and their aesthetic and sociological appreciations. The Centre also offers some of optional courses in Urdu Mass Media at M.A. level.

The Centre has M.Phil programme in Hindi, Hindi Translation, Urdu and Tamil leading to Ph.D. degree in the areas like literary historiography, classic, medieval, modern and contemporary literature, textual criticism, critical analysis of literary texts, woman and literature, dalit literature, culture & literature, and comparative literature and emerging literary trends.

The research programme in M.Phil/Ph.D. in Hindi Translation focuses on the theories of translation, study of tradition and history of Hindi Translation translating original text to develop translating skill and comparative study of translation in India.

Programmes of Study: The Centre offers M.A. (Hindi), M.A. (Urdu with Literature and Mass Media Streams), M.Phil/Ph.D. in Hindi, Urdu, Tamil and Hindi Translation. Apart from service courses in Hindi, Urdu & Tamil Translation like Tool and Optional, two part-time courses namely Advanced Diploma in Mass Media in Urdu and Certificate of Proficiency in Urdu are also offered by the Centre.

M.A. in Hindi and M.A. in Urdu: Each programme is spread over four semesters. During this period a student is required to earn 68 credits.

M.Phil/Ph.D. programme in Hindi, Urdu, Tamil & Hindi Translation: M.Phil/Ph.D. programme at the Centre consists of course work and a dissertation for M.Phil and a thesis for Ph.D.

Advanced Diploma (ADOP) in Mass Media in Urdu:

This is a part-time evening programme consisting of two semesters. Each semester has two courses. Courses that the Centre offers are:

- i. Introduction to Mass Communication
- ii. Print Media
- iii. Stage and Film
- iv. Radio and Television

Certificate of Proficiency(COP) in Urdu: COP is a part-time evening course consisting of two semesters. It is primarily meant for beginners. Contents of the courses are script, grammatical skills and basic vocabulary.

Optional & Tool courses in Hindi, Urdu & Tamil Translation: Centre offers service courses in Hindi and Urdu for the students of various Centres and Schools of the University. Optional courses are spread over four semesters and each semester has two courses. This course is meant for those who have basic knowledge of the language and want to possess efficiency in language, literature and culture of the concerned language. Tool course is elementary language programme for the beginners. This course is spread over two semesters.

Short term courses for Foreign students of JNU: Centre offers short-term courses for foreign students. Duration of the course varies from six months to one year. The programme covers grammatical skills, language proficiency, knowledge of culture of respective language and literary appreciation.

8. Centre for Linguistics

The Centre offers postgraduate programme (MA) in Linguistics, and integrated interdisciplinary programmes of research (M.Phil/Ph.D.). The Centre also offers Optional Courses in Linguistics to Undergraduate students pursuing studies in foreign languages.

The M.A. programme in Linguistics gives students a grounding in the basics of descriptive and general linguistics and then initiates them into the areas of Applied Linguistics, South Asian Language Typology, Generative Phonology, Generative Syntax and Morphology, Cognitive Linguistics and Language-Mind-Brain Studies, Sociolinguistics, Indian Linguistic Tradition, and the Semiotics of Language and Culture. The programme is so designed as to train the students in the practical and research aspects of the discipline, so that they explore and test current linguistic theories empirically. Among the facilities that the centre provides are Computerized Speech Lab (CSL), Phonetic Lab (PL) and the provision for field work in minor Indian Languages.

The M.Phil/Ph.D. programme is a rich and rewarding research programme that allows students to explore all areas of language studies. Hence, the research programme is open to postgraduates from many disciplines. This allows for considerable interdisciplinary intellectual interaction. The following

areas of research have seen impressive work at the Centre: Descriptive Linguistics, including phonological, morphological, syntactic, and semantic studies of major Indian as well as Tribal and other lesser-known Indian languages with a thrust on Area Typology, General Linguistics and Speech Sciences, Neuro-Cognitive Linguistics, Phonological Theory, Generative Syntax and Semantics, Sign Linguistics, Semiotics and Philosophy of Language, Applied Linguistics including Language Pedagogy, Speech and Language Pathology.

9. Centre for English Studies

The Centre recognized by the QS World University Ranking as one of the top 100 departments of English in the world, offers an M.A. programme in English, and integrated, interdisciplinary programmes of research (M.Phil/Ph.D. and Direct Ph.D.). The Centre also offers tool and optional courses in English Language and Literature to undergraduate students of the School majoring in foreign languages.

The MA programme lays emphasis on introducing students to new ways of looking at literatures in English - both from England and from other parts of the world, like African, American, Australian, Indian and Irish literatures in English. Courses in critical thought both Western and Indian, literary theories, and culture studies further help students to develop the ability to relate literatures to their contexts, to compare theories and texts, and to explore the way history, ideology, and material forces condition literary and other cultural texts.

The research programme M.Phil/Ph.D. and Direct Ph.D. are open to postgraduates from many disciplines. This allows for considerable interdisciplinary intellectual interaction. The areas of research include British Literature, Literature in other Englishes, Indian Literatures, Comparative Literature, Translation Studies. Contemporary Literary and Cultural Theories, Classical Indian Literary and Aesthetic Theories, Folkloristics, Theatre and Performance Studies, Popular Culture Studies, etc.

10. Centre of Russian Studies

The Centre of Russian Studies is one of the leading Centres of learning in the field of Russian Language & Translation, Literature and Culture.

Programmes of Study: At present the Centre offers BA (Hons.), MA, M.Phil. and Ph.D programmes in Russian studies.

BA (Hons.) in Russian: This Programme is spread over six semesters. During this period a student has to earn a total of 71 credits in Core courses in Russian Language, Literature and Translation and 4 credits in the Tool course "Culture and Civilisation of Russia". These are all compulsory courses. In addition, the student has to earn credits in optional and tool courses as prescribed by the School. A distinguishing feature of the Centre is that it has a well equipped language laboratory to facilitate the teaching and learning process.

Whenever possible, native speakers of Russian are involved in the teaching work.

MA in Russian: The Master's Programme is spread over four semesters. During this period a student is required to earn 80 credits. While most of the courses are compulsory, in some cases the students may exercise a choice between Language, Literature and Translation courses offered by the Centre. The number of contact hours per week at this level is 20. Besides Russian language, the other courses offered are Folklore and Ancient Russian Literature, Russian Literature of 17th – 20th Century, Theory of Literature, Theory of Translation, Lexicology, Syntax, Morphology and Introduction to Linguistics. There are specially designed courses to give students sufficient practice in translating texts from Russian into English and vice versa relating to Newspapers, Business, Trade and Commerce, Social Sciences, Science and Technology. The students are also trained in two-way interpretation (Russian into English and vice versa). In the final semester the students are required to write a Term Paper which is meant to prepare them to carry out research work.

M.Phil. / Ph.D. in Russian: M.Phil. Programme at the Centre consists of Course Work and a dissertation. The Programme is spread over four semesters. During this period a student has to earn 16 credits in the course work comprising of four courses to be covered in the first two semesters. Of the four courses, Research Methodology is compulsory and the other three courses are to be chosen from a range of courses notified by the Centre every year. The dissertation is to be written in the second year of the M.Phil. programme.

For the Ph.D. Programme the research scholar is required to submit a thesis on a topic of his / her choice from the field of Russian philology – Comparative and Contrastive Linguistics; Russian Language & Literature, Methodology of Teaching Russian, Culture and Translation Studies.

Note: Entrance Examination for B.A.(Hons.) 2nd year, M.A. and M.Phil. shall be conducted in the Russian language.

11. Centre of Spanish, Portuguese, Italian and Latin American Studies

The Centre initially began its academic programmes as one of the Centres of the then School of Languages, with courses in language proficiency in Spanish. Since then, it has grown into a specialized Centre dealing with language, linguistics, literature, culture and civilization of Spain and Latin America as well as translation studies. In Spanish studies, the programmes go upto the Ph.D. level. An M.Phil programme in Portuguese is also being offered.

The Centre is a pioneering institution in the country, having prepared students and teachers to take up important assignments involving use of Spanish studies. Besides having provided teaching faculty to

a number of academic institutions where Spanish is taught, personnel prepared by the Centre are engaged in such activities as tourism, interpretation, translation, banking and the business sector.

B.A.(Hons.): This programme, besides imparting language proficiency in Spanish written and oral skills through a mix of traditional/modern methods, including language laboratory and film shows, also offers courses in civilization, culture and literature of Spain and other Spanish speaking countries. There are also courses on translation involving professional, technical, literary and commercial texts.

M.A.: The two year comprehensive post-graduate programme offers courses in Spanish and Latin American literature and in translation and interpretation studies, as well as in language teaching methodology and contrastive linguistics. The programme aims to prepare students to conduct research at the M.Phil. level and also to impart translation/interpretation/teaching skills.

M.Phil./Ph.D.: This programme covers area of hispanic/Portuguese studies and offers courses on Methodology of Research, theories of translation, literature, contrastive linguistics and didactics.

The faculty and the students of the Centre regularly avail of the opportunities offered by the active cultural exchange programmes with Spain, Portugal, Mexico, and Italy.

A number of protocols of bilateral exchange programmes have been established with Spanish and Portuguese Universities. Each year a number of students from the Centre are selected for scholarships for further studies in these countries.

The Centre has been specially selected as an associate member of the European Union consortium under the MULTIELE (Erasmus Mundus) Program of European Commission to jointly conduct the Master Degree Program in Learning and Teaching of Spanish in Multilingual and International Contexts (www.multiele.org/es/miembros/html). Under this program European participants have to spend at least one semester (Monsoon Semester) in JNU to receive practical & theoretical training in the teaching of Spanish in Multicultural Context of India. This program is open to only Multiele participants from Europe.

Note: Entrance Examination for B.A. (Hons.) 2nd year, M.A. and M.Phil. in Spanish language shall be conducted in the Spanish language and M.Phil. in Portuguese language shall be conducted in Portuguese language.

(C) SPECIAL FEATURES OF PART-TIME PROGRAMMES

Part-time courses are designed to suit the professional requirements of those who require some knowledge of the language for their areas of specialisation and for professional work where ability to understand the language at elementary level would be an asset.

- i. **Certificate of Proficiency in, Mongolian, Pushto, Bahasa Indonesia and Urdu:** It is a one year part-time course in the language concerned in which basic skills of reading and comprehension are imparted.
- ii. **Diploma of Proficiency in Pushto and Bahasa Indonesia:** It is a one year part-time course open to candidates who have completed the Certificate of Proficiency course in the concerned language.
- iii. **Advanced Diploma of Proficiency in Pushto:** It is a one year part-time course open to candidates who have completed the Diploma of Proficiency in the concerned language.
- iv. **Advanced Diploma in Mass Media in Urdu** is a one year part-time intensive course which gives training in writing for radio, television, film, drama, journalism and other means of communication.
- Selection of candidates to part time programmes of study**
- (a) **For COP and Advanced Diploma in Mass Media in Urdu Courses:** The admission to COP and Advanced Diploma in Mass Media in Urdu Programmes of Study in the School will be made on the basis of the performance of the candidate in the written and viva-voce examination which will be held **only at Delhi Centres of Entrance Examination.**
- (b) **For DOP and ADOP Courses:** The admission to DOP/ADOP courses in the School will be made on the basis of the past academic record of the candidates which will be assessed in accordance with the criteria laid down by the University for selection of candidates for the purpose.
- (D) ELIGIBILITY FOR ADMISSION**
- (a) **Direct Admission to Ph.D. Programme**
- 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/Research Institution with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials; 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 FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.
- (b) **M.Phil./Ph.D.**
- (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 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.
- (v) **M.Phil. in Portuguese**
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.**
- (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. other than English and Linguistics**
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.
- Candidates who have already pursued B.A.(Hons.)/ M.A. language programme in two or more Centres of study of the School of Language, Literature & Culture Studies are not eligible to join M.A. Language programme.**
- (d) **B.A.(Hons.) 1st Year**
- (i) Senior School Certificate (10+2) or equivalent examination with minimum of 45% marks. **The candidates who are due to appear in Senior School Certificate (10+2) or equivalent examination are eligible to apply.**
- (ii) Certificate of Alimiah with atleast 45% marks issued by any of the following Madrasas subject to the condition that the candidate has passed English language at the level of Senior Secondary from a recognised Board/ University or a three year course conducted by Darul-Uloom Deoband.
1. Darul Uloom Deoband, U.P.
 2. Mazahirul Uloom Saharanpur, U.P.
 3. Darul Uloom Mau, U.P.

4. Miftahul Uloom, Mau, U.P.
 5. Jamia Athria Darul Hadith Mau, U.P.
 6. Jamia Faize Am Mau, U.P.
 7. Madrasa Alia Mau, U.P.
 8. Madrasa Muhammadiyah, Mau, U.P.
 9. Madrasa Faizanul Uloom Bahadurganj, Ghazipur, U.P.
 10. Madrasa Ihyaul Uloom Mubarkpur, Azamgarh, U.P.
 11. Tauhid Education Trust Ma'hadabad-Khagra Kishan Ganj, Bihar
 12. Jamia Imam Ibn Taimiya, Madinatussalam, E. Champaran, Bihar
- (iii) (a) Certificate of Alimiah with atleast 45% marks issued by the following Madrasas
1. Nadwatul Ulema, Lucknow, U.P.
 2. Jamiatul Flah, Bilariaganj, Azamgarh, U.P.
 3. Certificate of Fazilah from Madrasatul Islah, sarai Mir, Azamgarh, U.P.
 4. Madrasa Jamia Islamia, Muzaffarpur, Azamgarh, U.P.
 5. Madrasa Eram Convent for Girls and Boys Indra Nagar, Lucknow, U.P.
 6. Jamial Muzahrul Uloom (Patna) (Degree of Fazilah)
 7. Jamial Darul Huda al-Islamiyah (Certificate of al-Sanaviyah al-Ulia)
 8. Darul Uloom Alimia, Jamda Shahi, Basti, UP (Alimia Certificate)
 9. Al-Jamia-Tus-Salafiah (Markazi Darul-Uloom) (Degree of Alemiat)
 10. Al Jamia Al Islamiya Kerala India (V) (Preparatoy course which is of 2 years after senior school leaving certificate)
 11. Al Jamiatul Ashrafia, Mubarak Pur, Azamgarh UP (Certificate of Alimiat/Fazilat)
 12. Jamia Syed Ahmad Shaheed, Vill. Ashmadabad (Katauli) Malihabad, Lucknow UP (Alamiyat degree)
 13. Jamiya Misbahul Uloom, Chaukonja Bharat Bhari, Siddharth Nagar, UP (Almia degree)
 14. Jamia Islamia Sanabil (Aaliya/Fadhil)
- (b) Certificate of Maulvi with atleast 45% marks issued by the Bihar Board of Madrasa Education
- (iv) **Candidates who have already pursued B.A./ M.A., Language programme in two or more Centres of the School during their entire academic career are not eligible for admission.**
- Minimum Age : 17 years as on 1st October 2013.**
- NOTE:**
1. Eighty percent of the seats in the First Year of 3-year B.A.(Hons.) programme in the School are earmarked for those who have either passed the Senior School Certificate or equivalent examination in the year 2012 or are due to appear in 2013, and the remaining 20% are open to all other candidates.
2. Candidates who have obtained their Higher Secondary Certificate under the 10+1 pattern of education will be eligible for admission to the First-Year of the three-year B.A. programme if they have successfully completed the First-Year of Bachelor's degree examination of a University under 10+1+3 pattern of education with the prescribed percentage of marks.
 3. All the students of the School of Language, Literature & Culture Study who are admitted to B.A. (Hons.) 1st and/or 2nd year programme from academic session 2012-13 onwards will be required to take the entrance examination for admission to M.A. in foreign languages.
- (e) **B.A.(Hons.) 2nd Year**
- (i) 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 (Entrance Examination shall be conducted in the language to which admission is sought and selection will be made on the basis of the performance of the candidate in written and viva-voce).**
 - (ii) **Candidates who have already pursued B.A./M.A., Language programme in any two Centres of the School during their entire academic career are not eligible for admission.**
- Minimum Age : 18 years as on 1st October 2013.**
- (f) **Part-Time Programmes**
1. **Certificate of Proficiency** : Atleast Senior School Certificate (10+2) or an examination recognised as equivalent thereto with a minimum of 45% marks in aggregate.
 2. **Diploma of Proficiency** : Atleast Senior School Certificate (10+2) or an examination recognised as equivalent thereto with a minimum of 45% marks in aggregate and **Certificate of Proficiency in the language concerned** or an examination recognised as equivalent thereto.
 3. **Advanced Diploma of Proficiency** : Atleast Senior School Certificate (10+2) or an examination recognised as equivalent thereto with a minimum of 45% marks in aggregate and **Diploma of Proficiency in the language concerned** or an examination recognised as equivalent thereto.
 4. **Advanced Diploma in Mass Media in Urdu**: A Bachelor's Degree under 10 + 2 + 3 pattern of education with a minimum of 45% marks in aggregate with Urdu as one of the subjects at High School or Intermediate or B.A. Level.
- The candidates who have obtained their qualification under the pattern of education other than 10+2 will be eligible for admission to the COP and DOP programmes of study if they have successfully completed the first year of Bachelor's degree

examination of a University with atleast a minimum of 45% marks. Similarly, the candidates who have obtained their Bachelor's degree under the pattern of education **other than 10+2+3** will be considered for admission to Advanced Diploma in Mass Media in Urdu if they have successfully completed the first year of Master's degree programme or a bridge course in lieu thereof, wherever prescribed, from a recognised University with atleast a minimum of 45% marks.

3. SCHOOL OF LIFE SCIENCES

The School of Life Sciences (SLS) was established in the year 1970-71. The School offers programs of study leading to M. Sc. and M. Phil./Ph. D. degrees in Life Sciences. The School was conceptualized as an interdisciplinary programme unifying all the disciplines of biological sciences reflecting essential commonality among them at molecular level in terms of structure, function and evolution. The approaches undertaken by constituent research groups of the School span from in vitro characterization of molecules to physiological studies with whole organisms, from theoretical bioinformatics to experimental recording of neuronal activity in live animals, and in terms of biological systems from bacteria to mammals. The research areas of interest include most of the front line areas of modern biology such as genomics, molecular biology, cell and developmental biology, nucleic acid therapeutics, drug and vaccine targets, cellular immunity, human molecular genetics, molecular parasitology, biology of infectious agents, neurophysiology, microbial biotechnology, photobiology, plant biotechnology, radiation and cancer biology, biochemistry and structural biology. The School has set an example by establishing instruments in a common Central Instruments Facility (CIF) accessible round the clock for all its researchers and also for researchers from outside the University. All the modern equipment required for the cutting edge researches in wide areas are housed in the CIF. In addition, the School also has an Animal House for experimental animals and a Glass House facility for experimental and transgenic plants.

The School of Life Sciences has earned a reputation of running interdisciplinary programs of study at the Master's level, for students from both biological and physical sciences. This is made possible by offering remedial courses in physical sciences for students coming from the bioscience stream and in elementary biology for students entering biology after their first degree in physical sciences. The M.Sc. Practical laboratories are well equipped to give hands on training to the students in the subjects taught to them in the theory classes. Besides, it is mandatory for all the students to carry out their project work in any laboratory for the last two semesters which motivates them to pursue research in their Ph.D. programme. Graduates completing their degrees at the School are always sought after by research labs in India and abroad and have performed exceptionally well in the universities, institutes and industries. The School has an in-house system of continuous review of its academic programs that allows inclusion of newer areas into research and teaching.

The teaching program comprises of molecular, cellular and organismal biology with emphasis on the mechanisms operating in living systems in a holistic manner. The School offers core/foundation courses and advanced courses for the M. Sc. and M.Phil./Ph. D. students. Courses are constantly updated to reflect new and emerging areas in life sciences. Students are assessed and evaluated throughout the semester by a continuous system of tests, seminars, assignments, mid and end-semester examinations. The School follows the University-wide format of relative grading of Cumulative Grade Point Average (CGPA) on a 10 point scale worked out on the basis of possible 9 points. The M. Sc. course structure also lays emphasis on research and offers students the choice of a research career to be pursued in various institutions within the country and abroad. Several of our M.Sc. students also rejoin SLS to pursue their doctoral studies. Our M. Phil./Ph. D. students are offered pre-Ph. D. courses covering various aspects of advance research in life sciences which prepares them for a better research career thereafter. Largely, due to the nationwide open competition for admission, SLS has always attracted some of the best students of the country.

Active research in several important areas/field is being carried out in the School of Life Sciences which is reflected with many research articles published in peer-reviewed national and international journals of repute. The School has consistently maintained a level of productivity in terms of publications in reputed peer reviewed journals and books. Over 1, 500 papers have been authored by the faculty of the school since its inception. Over 440 students of the School have been awarded Ph.D. degree. Last but not the least, our faculty members have been honoured with recognitions like being members of the Planning Commission, Padma awards, elected Fellows of various Academies, Bhatnagar Award, Birla Award, Third World Academy Award, Ranbaxy Award, J.C. Bose Award, Bhasin award and many others.

The School continues to attract core funding from the University Grants Commission (UGC) under the Centre for Advanced Study (CAS) in "Cell and Molecular Biology" and the University with Potential for Excellence (UPOE) programs. It has also received support from the Department of Science and Technology (DST) in the form of FIST-I and FIST-II programs. Individual faculty members are also supported by research grants from the national and international funding agencies such as the UGC, DST, Department of Biotechnology (DBT), Council of Scientific and Industrial Research (CSIR), Indian Council of Medical Research (ICMR), The European Union, the Wellcome Trust (UK), Swiss Development, USDA etc.

The School of Life Sciences has a well-equipped Common Instruments Facility (CIF) where major as well as common utility equipments are housed. These equipments include ultracentrifuges, high-speed centrifuges, spectrophotometers, spectrofluorimeters, phosphorimager, scintillation counter, PCR-machines, gel documentation system, imaging facilities, lyophilizer, ultralow freezers, water purification system, brain-wave analyzer, oscilloscope, polygraph for electrophysiological measurements and gamma chamber. The School also has plant and animal cell culture facilities, stereotaxic surgical facility for small animals, green house, botanical garden and animal house. A common

facility exclusively for genomics and proteomics research has been established with funding from the UGC-UPOE grant. This facility includes FACS, microarray scanner, automated hybridization station and MALDI-TOF/TOF, LC-ESI-MS/MS, and real time PCR. The CIF facilities are continuously upgraded with funding from various sources.

The website (www.jnu.ac.in/sls) can be checked for detailed information regarding the course content and the ongoing researches.

(A) Programmes of Study and Admission Procedure:

(i) M. Phil./Ph. D. (Life Sciences)

Each year students are admitted to the M. Phil./Ph. D. (Life Sciences) programme under different categories as follows.

Category I: Candidates with M. Sc. or equivalent degree must appear in the written examination conducted by the University nation-wide in the month of May. Based on the written test, short-listed candidates will have to appear for an interview. Candidates are finally selected for admission on the basis of their performance in the written test and the interview.

Category II: Under this category, candidates who have qualified the CSIR/UGC National Eligibility Test (NET)-JRF, DBT-JRF, ICMR-JRF or DBT/DST-INSPIRE for pursuing Ph.D. degree with a fellowship can apply through a separate admission form without appearing in JNU entrance test. Please note that candidates who have been awarded "Lecturership" in the CSIR-NET (or equivalent examination) are not eligible under this category. Candidates who have already initiated their fellowship in some other institution and are interested to get it transferred may also apply, provided the period of available fellowship (after August 2013) is more than four years. Candidates who have appeared in the CSIR/UGC-NET-JRF, DBT-JRF, ICMR-JRF and DBT/DST-INSPIRE; but results awaited may also apply under this category. However, they will be called for the interview only upon submission of a valid documentary evidence of having qualified for the fellowship (JRF) to the Admission Branch, JNU well in advance of the date of the interview (to be conducted in June-July, 2013). M.Sc. Bioinformatics students appearing for the final examination or those already qualified and awarded a research fellowship after clearing the Bioinformatics National Certification (BINC) Examination (conducted by DBT) are also eligible to apply. Candidates with a valid proof of JRF will only be entitled for the permissible travel allowances for attending the interview. Candidates are finally selected for admission on the basis of their performance in the interview.

Two separate lists will be prepared for above mentioned categories. Thus, all candidates who are eligible for category – II are also encouraged to apply under category – I in separate application form to enhance the chance of getting selected.

Category III: Direct admission to the Ph. D. Programme: Only those candidates shall be considered for direct admission to the Ph. D. programme who have:

- a. Obtained an M. Phil. degree by pursuing research work in a laboratory of a recognized University/Research Institution with a minimum final grade point average (FGPA) of 6.0 in a 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates, who have obtained M. Phil. degree from a University/Institution where dissertation is not on a 10-point scale, are required to forward a copy of their M. Phil. dissertation along with the application form for the purpose of assessment of their credentials.

In addition, the candidates should have minimum one research publication in a peer reviewed journal. OR

- b. At least two years research experience in reputed Institutions with research publication (s) in a peer reviewed journal. In addition, they should have obtained Master's degree with FGPA of 6.0 in a 10 –point scale/ comparable standard or equivalent percentage (minimum 55%).

Eligible candidates will have to appear for an interview and candidates are finally selected for admission on the basis of their performance.

Given below are the broad research groups in the School of Life Sciences and the candidates are requested to visit the website of the School (www.jnu.ac.in/sls) for the details of the ongoing research in each group as the candidates would be asked to give five preferences of research groups of their interest at the time of interview.

Research Groups in the School of Life Sciences

The students to M. Phil./Ph. D. program of the School of Life Sciences are admitted under one of the following notional Research Groups:

- 1) Cell Biology, Immunology and Developmental Biology.
- 2) Genetic, Genomics, Gene Regulation and RNA Biology.
- 3) Molecular Biology and Biochemistry of Pathogens and Diseases.
- 4) Neurobiology and Behavioural Biology.
- 5) Plant Molecular Biology, Biotechnology, and Photobiology.
- 6) Radiation and Cancer Biology.
- 7) Biophysical Chemistry, Molecular Biophysics, and Structural Biology.

Following registration, students would be offered a list of available positions/vacancies available with individual faculties in various research groups of the School. The students are required to interact with the faculty members following which the Graduate Advisory Committee would designate a supervisor for each student after one week of taking admission.

All students have to take pre-Ph. D. courses for the initial two semesters. [Detailed information regarding the course structure can be obtained from the website (www.jnu.ac.in/sls)].

(ii) M. Sc. (Life Sciences)

Students are admitted to the M. Sc. (Life Sciences) program each year on the basis of their performance in the nation-wide written test conducted by the University in the month of May. This program offers an in-depth theoretical as well as practical knowledge in all areas of life sciences. Students from both physical science and biological science backgrounds study various disciplines of life sciences. Students have to take both core courses and optional courses spread over four semesters, and practical courses in the first two semesters. During the final two semesters, students also have to carry out a research project on a specific topic under the supervision of a faculty member in a laboratory and submit a dissertation for evaluation by a committee of experts followed by open oral presentation defending the project. Students also have to present a seminar and submit a term paper on a current topic in life sciences.

Detailed information regarding the course structure can be obtained from the website (www.jnu.ac.in/sls).

(B) Eligibility for Admission

- (i) **M. Phil./Ph. D.:** 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. Candidates having the M.Sc. or equivalent degree in allied subjects of Life Sciences, including Biochemistry, Biophysics, Biotechnology, Botany, Genetics, Microbiology, Neurobiology, Pharmacology, Physiology, Zoology, or in Chemistry or Physics are also eligible.
- (ii) **M. Sc.:** Bachelor's (B. Sc. or B Tech or equivalent) in Biological, Physical or Agricultural Sciences under the 10+2+3 pattern of education with at least 55% marks.

4. SCHOOL OF SOCIAL SCIENCES**(A) PROGRAMMES OF STUDY**

The School of Social Sciences is the largest post-graduate School in the University. It has M.A., M.Phil./Ph.D., MPH/Ph.D. and Direct admission to Ph.D. programmes in its various Centres. It has no undergraduate programme of its own, even though it offers a few under-graduate courses for students of School of Language, Literature & Culture Studies. The School has nine Centres, in which regular admission takes place in different programmes as detailed in the following table:

Centre, Programme of Study & Field of Study

1. **Centre for Economic Studies and Planning**
 1. M.Phil./Ph.D. in Economic Studies & Planning
 2. M.A. in Economics

2. Centre for Historical Studies

1. M.Phil./Ph.D. in Historical Studies
 - a. Ancient History
 - b. Medieval History
 - c. Modern History
2. M.A. in History
 - a. Ancient History
 - b. Medieval History
 - c. Modern History

3. Centre for Political Studies

1. M.Phil./Ph.D. in Political Studies
2. M.A. in Political Science

4. Centre for the Study of Regional Development

1. M.Phil./Ph.D. in Regional Development
 - a. Economics
 - b. Geography
 - c. Population Studies
2. M.A. in Geography

5. Centre of Social Medicine and Community Health

1. M.Phil.(Social Sciences in Health)/Ph.D.
2. Masters in Public Health (MPH)/Ph.D.

6. Centre for the Study of Social Systems

1. M.Phil./Ph.D. in Social Systems
2. M.A. in Sociology

7. Centre for Studies in Science Policy

M.Phil./Ph.D. in Studies in Science Policy

8. Centre for Philosophy

1. M.Phil./Ph.D. in Philosophy
2. M. A. in Philosophy

9. Zakir Husain Centre for Educational Studies

M.Phil./Ph.D. in Educational Studies

10. Group of Adult Education

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

11. Women's Studies Programme

The Women's Studies Programme offers only Direct admission to Ph.D. programme.

12. Centre for the Study of Discrimination and Exclusion (PSDE)

The Centre for the Study of Discrimination and Exclusion (PSDE) offers only Direct admission to Ph.D. programme.

13. Centre for Informal Sector and Labour Studies

The Centre for Informal Sector and Labour Studies offers only Direct admission to Ph.D. programme.

14. Centre for Media Studies

The Centre for Media Studies offers only Direct admission to Ph.D. programme.

15. North East India Studies Programme

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

Note: In addition to above, Direct Admission to Ph.D. Programmes is also offered in the above Centres of the School.

The School has a lively academic ambience. The teaching and research programmes in the School have certain innovative elements. While ensuring rigorous discipline-oriented training in each Centre, interest is generated in multi-disciplinary study and

research, by allowing students to take courses in other Centres depending upon their aptitude as well as the relevance of the courses to their main disciplines and areas of research interest.

(B) CENTRES OF THE SCHOOL

1. Centre for Economic Studies and Planning

The Centre has established itself as a premier Centre for teaching and research in Economics. The richness of the teaching and research programmes are reflected by the structure of the courses and the research output both of the faculty and the students. The faculty has a distinguished record of publications of monographs, books and articles.

A distinctive feature of the Centre is the easy accessibility of its faculty to the students. The emphasis is on learning and not just on memorizing. Students have to write term papers, give presentations, solve problems, appear in open book examinations, etc. In this process there is continuous evaluation.

- (a) M.Phil./Ph.D.:** M.Phil./Ph.D. programme at the Centre consists of course work and a dissertation for M.Phil. and a thesis for Ph.D. students. For the M.Phil. programme, of the four courses required to be completed in two semesters, one must be chosen from either Methods of Economic Analysis or Statistical and Econometric Methods. The other three courses are chosen from a range of optional courses offered each year. In each course, selected topics are pursued in depth with a view to introduce the students to analytical issues and the current state of research in the subject. Links are thereby sought to be developed between the course work and the research required for the dissertation which is to be written in the second year of the M.Phil. programme.

The course work for M.Phil. consists of a combination of lectures, the preparation and presentation of seminar papers and participation in workshops on work in progress. This range of academic activities enables students to understand the inherent link between theory and empirical investigations in research work.

M.Phil./Ph.D. candidates seeking admission to the Centre are required to bring with them a synopsis of their research theme, indicating its scope, plan and viability.

- (b) M.A.:** The Centre offers M.A. degree in Economics. The focus of the M.A. Programme is two-fold: (i) to acquaint the students with the theoretical foundations of, and the basic idea in the main branches of Economics from the perspective of alternative theoretical approaches, and (ii) to enable the students to relate their analytical understanding of the subject to the actual experiences of economies and to interpret the problems of change in a historical perspective. Consequently, special emphasis is placed on the study of problems of development in the context of the Indian economy. The M.A. programme consists of 16 courses which are taught

over four semesters: Of these, 8 courses are compulsory, made up of 7 theoretical and tool courses and 1 course on the Indian economy, while the remaining 8 courses are optional, with students choosing from a wide range of courses offered each year. One of the new experiences that the M.A. students gain is writing term papers as part of the course requirement in various courses. It is through these that they are introduced to the notion of research.

2. Centre for Historical Studies

Recognised as a Centre for Advanced Studies by the UGC, The Centre for Historical Studies is a premier centre of teaching and research in history within India. It is also one of the oldest centres in the School of Social Sciences having launched its programme of Post Graduate Studies in 1970 under the guidance of eminent historians like Professors S. Gopal, Romila Thapar, Bipan Chandra and Satish Chandra. A major focus of the Centre continues to be on cutting-edge research that can expand the frontiers of the discipline.

(a) Direct Admission to Ph.D. programme

Those who wish to be admitted to this programme need to have an M.Phil. degree with a dissertation from a recognized institution or at least two published research papers, the final selection into this programme is done on the basis of an interview by the faculty.

(b) M.Phil./Ph.D.

The Centre focuses its teaching and research on Ancient, Medieval, Modern and Contemporary History with particular emphasis on the study of economic, social and cultural changes. Students who learn to handle different types of source material are encouraged to work on themes that cut across these chronological divides.

Ancient History: In the training provided to students special emphasis is laid on the study of languages and on using different categories of source materials—literary, epigraphic, numismatic and archaeological. It seeks to encourage study and research on the evolution of social structure, political process, agrarian relations, urbanization, trade and trading groups, inter-relationship of religion and society and perspectives on Indian history provided by historical geography.

Medieval History: Study and Research includes structure and change in medieval Indian Society, state systems, agrarian development, growth of trade and commerce, ideology and culture. Emphasis is also given to the study of two major transitions in Indian History—from ancient to medieval and from medieval to colonial regimes, through a reconstruction of structural continuities and cleavages encompassing the institutional, technological, social, economic and ideological development.

Modern History: Apart from the study of social changes and evolution of agrarian, industrial and class structures, emphasis is placed on the study of

colonialism in its economic, political and cultural dimensions, nationalism and the national movement, peasant, trade union and tribal movements, the growth of left-wing parties and groups and developments in the cultural, intellectual and ideological fields.

Contemporary History: In this field an effort is made to situate the evolution of contemporary developments, particularly those since World War II, in a long term historical context. Special attention is given to studying the linkages between different aspects of contemporary society viz., the economy, polity, culture, environment, etc., in a holistic manner, i.e. not compartmentalised into the relatively strict boundaries of disciplines such as political science, economics or sociology. Also, an attempt is made to conduct the above studies in a comparative perspective, taking into account the experience of different countries.

The M.Phil. programme of the Centre is intended to introduce the students to research in history through a research methodology course and dissertation. Efforts are made to fill gaps in the student's knowledge of the period or area of history with lectures as well as seminar courses.

At the time of the viva-voce, M.Phil./Ph.D. candidates should come with 1000 word synopsis of their research proposal (six copies). In the interview, they will be asked questions regarding this proposal, primary sources and some of the key books read by them in their M.A. course.

Candidates applying for M.Phil./Ph.D. (History) programme are allowed to exercise only one option, i.e., Ancient History; or Medieval History; or Modern Indian History, and the option so exercised must be clearly mentioned at appropriate column in the Application Form as well as on the top of the answer-book supplied to the candidates in the Examination Hall. Candidates may please note that the answer-books carrying more than one option will be considered invalid.

(c) M.A. in History

Students entering the Centre are offered a flexible programme while specialising in (1) Ancient History, or (2) Medieval History, or (3) Modern and Contemporary History. Along with courses in their specialisation, students are required to offer a set of common courses designed to survey (a) historiography and historical methods, and (b) broad patterns of socio-economic and political formations and structural changes through a series of three courses covering the Ancient, Medieval and Modern periods. In Addition students will be required to offer at least two courses on histories of countries other than India.

Apart from these compulsory courses, a large part of the programme is available as "Open Options", wherein the students may choose courses in areas other than that of one's specialization including (1) other periods of Indian history, and (2) courses in other Centres (with permission of the Faculty) in disciplines relevant to the student's area of interest and specialization. Students

are strongly advised to do a language course relevant to their area of specialisation.

With the exception of 2 seminar courses in the fourth semester of the M.A. Programme, all courses offered by a student are lecture courses. In lecture courses fifty per cent of the evaluation depends on a student's performance in examination or tutorials during a semester, and fifty percent on performance in the end-semester examination. The programme expects a good deal of independent writing by students as part of the curriculum.

The candidates must make their specific choice of specialisation, i.e. (Ancient History or Medieval History or Modern Indian History) with care; it is not possible to change from one stream to another.

Candidates applying for M.A. (History) programme are allowed to exercise only one option, i.e., Ancient History; or Medieval History; or Modern Indian History, and the option so exercised must be clearly mentioned at appropriate column in the Application Form as well as on the top of the answer-book supplied to the candidates in the Examination Hall. Candidates may please note that the answer-books carrying more than one option will be considered invalid.

No application for a second M.A. at the Centre for Historical Studies will be entertained from those who have completed an M.A. degree from the same Centre even if the period of specialization is different.

Candidates who qualify are requested to register at the earliest so that they can take full advantage of the tutorial system. Classes normally begin from the end of July. Students are required to check with the CHS office for specific dates. Students are also requested to attend the Orientation Meeting with the Faculty. This will introduce them to the structure of courses, the system of evaluation and the rules and norms of the Centre. The date of this meeting will be put up on the notice board of the Centre by the first week of August.

3. Centre for Political Studies

The Centre is recognized as a premier centre for teaching and research in Political Science. Students who have graduated from the Centre are holding important positions in academic institutions and other walks of public life all over the world. The faculty members have a distinguished record of publications of books and articles in important national and international journals.

The Centre offers two programmes of study- MA. and M.Phil/Ph.D. The teaching and research work of the Centre covers three rubrics of political studies: (1) political philosophy and history of ideas; (2) Indian politics and public policy; and (3) Comparative politics and International Relations.

(a) Direct admission to Ph.D. programme: Those who wish to apply for a research degree will be expected to have a strong, detailed and well developed proposal for a thesis that can be supervised in CPS. In addition

to fulfilment of the entry requirements, they will need to approach the subject with rigor and appropriate knowledge of the field.

The Ph.D. admission is not automatic but is decided case by case depending on the strength, merit, research capacity and research orientation of the candidate applying for Ph.D. admission.

The Centre for Political Studies offers direct admission to Ph.D. programme in its core areas. The students are expected to submit a research proposal of about 2000 words and appear for an interview. They are also expected to attend seminars, conferences and lectures organised by the Centre.

(b) M.Phil./Ph.D. Programme

M.Phil. Programme at the Centre consists of course work and dissertation. For the M.Phil. programme students are required to take four courses in the first two semesters-two compulsory courses and two optional courses. The two compulsory courses are: 1) Philosophy and Methods in Social Sciences; (2) Approaches, Concepts and Methods of Political Analysis. These courses must be offered in the first semester of the M.Phil. programme.

The compulsory courses are designed to train students in the methods and techniques of research work and to equip them to use political concepts with some degree of theoretical and analytical rigour. The first course introduces students to major debates in the Philosophy of Science and Philosophy of Social Science. It also prepares them to undertake quantitative and qualitative empirical research. The second course exposes students to concepts and approaches that are central to the study of politics. In addition to this, the students can take any two optional courses offered by the Centre, depending upon their research interests and chosen specializations.

The M.Phil course work comprises of a combination of lectures, presentation of seminar papers and participation in discussions on work in progress. In each case academic work is designed to enable students to understand the link between concepts theoretical formulations and empirical investigation.

The M.Phil/Ph.D. students seeking admission to the Centre are required to bring with them a synopsis of their research theme indicating the scope, plan and feasibility of proposed research at the time of viva-voce.

(c) M.A. in Political Science

As a degree in Political Science, the M.A. programme of the Centre focuses on the study of Political theory/ideas, Comparative Politics/International Relations, and Indian Politics and public policy. The programme is designed to - a) enhance theoretical understanding and develop methodological skills in these three branches of Political Science; (b) relate political processes with social structures and ideas; and (c) interpret institutions, policies and processes in a historical perspective. The Centre places special

emphasis on the study of political developments in India and promotes theoretically informed analysis of social and political reality.

The M.A. programme consists of 16 courses, which are taught over four semesters. Of these 10 are compulsory and the remaining six are optional courses. Of the six optional courses, at least four should be chosen from a wide range of optional courses offered by the Centre and 2 should be from outside the Centre in the two years M.A. programme.

All courses offered by the students are lecture-based courses. However, they require students to write tutorials/term papers. In each case, fifty percent of the grade depends on the student's performance in mid-term assignments and the remaining fifty percent is awarded on the basis of their performance in the end semester examination.

4. Centre for the Study of Regional Development

The Centre aims at developing inter-disciplinary programme of teaching and research within the broad framework of Regional Development and Planning. It admits students to M.A. and M.Phil/Ph.D. programme of the University. The Centre has been recognised as a Centre of Advanced Studies by the UGC.

(a) M.Phil./Ph.D. programme

The Centre has developed teaching and research programme around three major streams namely Geography, Economics and Population Studies. Entrance to these streams is through separate entrance examinations but teaching and research are highly inter-disciplinary in nature. The following specialized areas have emerged with the interface of the three main disciplines. These are:

(i) Agricultural Studies: These cover regional dimensions of agricultural development in India; quantitative techniques for research in agricultural economics and geography; natural resource base of Indian agriculture; political economy of agricultural development; ecological, technological and infrastructural correlates of agricultural productivity and growth; institutions in agriculture, employment, poverty and income distribution in the agricultural sector; food security, issues related to WTO and Indian agriculture; rural development; agricultural diversification, contract farming, organic agriculture.

(ii) Studies on Natural Resource Base: The areas covered under the stream include geomorphological, pedological and climatological bases of distribution and utilization of natural resources especially land and water resources; ecosystem approach to natural resource management; natural resource base and sustainable development with special reference to India; application of GIS and remote sensing in resource management.

(iii) Population Studies: These pertain to demographic methods and techniques, census and vital statistics; other sources of demographic data (NFHS, RCH, NSSO, DHS, WFS); population composition, socio-

economic aspects related to fertility, mortality and morbidity, family planning; spatial dimensions of urbanization and migration; settlements and human ecology; Population, environment and sustainable development; food security; labour force; population theory and policy; reproductive and child health, Aging of population, status of women and human development.

(iv) Studies in Urban, Industrial and Infrastructure Development:

This stream covers methods of regional analysis including regional modelling; political economy of regional development and measurements of inter-regional disparities in income, employment, poverty, infrastructure, industrial development, urban growth; resource base, physical and human; sectoral development and inter-sectoral linkages of agriculture, industrialization; the political economy of industrial location in India and the drivers explaining industrial location decisions in post-reform India, the changing nature of regional development policy together with the changes in the centre-state fiscal relations, urbanisation and processes of urban growth, issues of urban governance and financing of basic amenities, linkages of infrastructure with regional development, regional income stabilization and poverty eradication policies; employment in organized and unorganized sectors; specific problems of the development of the backward areas in India.

(v) Analysis of Socio-Cultural Elements in the Indian Regional Structure :

This stream covers the evolution of the regional structure in India, socio-cultural dimensions of regionalization with special reference to ethnic, tribal, caste, linguistic/dialectal; gender and religious identities; regional dimension of political behaviour; social well-being and its measurement; social infrastructure, particularly health and education; social transformations and the role of social/ecological factors in the development of backward areas; economics of discriminations-ethnicity, caste and gender.

The M.Phil./Ph.D. students seeking admission to the Centre are required to bring with them a synopsis of their research theme indicating the scope, plan and feasibility of the proposed research. They should be well aware about the current literature and availability of data related with their topic of research.

(b) M.A. in Geography

The focus of the programme is on the modern concepts of Geography with special reference to problems of regional development in India. The curriculum includes theoretical, topical, and methodological courses. The courses cover geographical thought, human ecology, regional development theory, geomorphology, climatology, hydrology, economic geography, social geography, population and settlement geography. All the topical courses have emphasis on India. Issues on regional development are dealt with in courses on regional geography of India, meso regional studies, and levels of regional development in India. The methodological

courses cover quantitative techniques, computer assisted cartography, GIS and remote sensing. Courses on socio-economic and physical survey methods are an essential component of the programme for which the students are required to participate in field work which is usually organised in challenging terrain and in rural settings. Students can opt for any one of the following specialization streams in the fourth and final semester:

- a) Advanced Techniques in Geography
- b) Agricultural Geography
- c) Physical Resources and Geomorphology
- d) Population and Settlement Geography
- e) Regional Development and Planning, and
- f) Social Geography
- g) Remote Sensing and GIS

5. Centre of Social Medicine & Community Health

The Centre of Social Medicine and Community Health (CSMCH) was established in order to shape and provide academic content to the discipline of public health, making it relevant to the situation in India. It was recognised that the discipline of Preventive and Social Medicine needed a paradigm shift that could only be provided if this Centre was set up outside the confines of a medical college.

Over the past 30 years, the Centre has acquired vast experience in evolving problem-oriented interdisciplinary academic programmes in public health, in addition to building an active research base. At the same time, efforts have also been made at establishing institutional links with various academic, research, policy-making and non-governmental organisations.

Under the overall objective of creating academic programmes for making health services meaningful to the people of the country, the Centre has set out as its objective the task of understanding the health problems and health needs of the mass of Indian people. The endeavour is to understand how health problems are shaped by socio-economic factors and to examine the social structure itself, to delineate the structural constraints that contour the scope of health interventions. The task requires an inter-disciplinary approach involving disciplines such as sociology, anthropology, psychology, economics, history, politics, demography, statistics and public administration, apart from the disciplines that are traditionally included in public health. It was for this reason that the Centre was located in the School of Social Sciences. Epidemiology, health service structure, health programme design, health systems research and health policy analysis are important foci for all the programmes.

The Centre offers for the following academic programmes:

1. M.Phil/Ph.D. in Social Sciences in Health. The eligibility criterion for admission is a Masters degree in social sciences or other disciplines allied to public health (as mentioned on page 30).

2. Master of Public Health (M.P.H./ Ph.D. in Public Health). The eligibility criteria for admission are MBBS or MSc (Nursing) with one year's experience.
3. Direct Ph.D. for both streams.

Both M.Phil and MPH are spread over four semesters (2 years). M.Phil students are required to undertake two semesters of course work followed by a dissertation. The MPH students are required to undertake three semesters of course work. They are additionally required to conduct a field study during the inter semester breaks and to be completed in the fourth semester. The successful completion of the prescribed course work and dissertation/fieldstudy will lead to the award of M.Phil. or M.P.H. degree. The candidates who have secured the prescribed grades will be eligible for registration to the Ph.D. programme. In addition to the above programmes, the Centre also admits candidates to the Ph.D. programme directly as per criteria mentioned in page 29. The Centre may prescribe courses to the candidates admitted under the direct Ph.D. programme.

Courses in public health cover areas such as organization of health programmes, epidemiology, nutrition, maternal and child health, communicable diseases, family planning, research methodology, operations research etc. Courses in social sciences cover concepts and methods relevant for public health within an interdisciplinary perspective.

During the second semester students are offered a number of optional courses. They also get an opportunity to familiarise themselves with the current issues in public health through an intensive journal club in the second semester. All students are exposed to group field work in both urban and rural areas as a part of their course work.

6. Centre for the Study of Social Systems

The Centre is recognized as a premier centre for teaching and research in Sociology. Students who have graduated from the Centre have distinguished themselves in all walks of public life. There would be few institutions of higher education and research both nationally and globally where our alumnae are not present. The faculty members have made their mark in the broader world of social sciences with a distinctive intellectual orientation and an illustrious record of publications.

Since its inception in 1971, the Centre has developed a distinctive approach to sociology both in terms of a plurality of theoretical and methodological orientation as well as substantive fields of empirical enquiry. Equal focus is therefore given on the teaching of qualitative and quantitative methods on one hand and philosophy of methods on the other. From its very inception both teaching and research in have shown an engagement with pressing questions of development and marginalization, social movement and social justice.

The Centre offers two programmes of study- MA and M.Phil/Ph.D. The teaching and research work of the Centre covers three aspects of sociological studies: (i) Theory and Social Thought; (ii) Methodological Orientation and Methods of Social Research; (iii) Substantive studies on different dimensions of the social Interdisciplinary orientation is reflected in structure as well as contents of the courses offered at both M.A. and M.Phil levels.

(a) Direct admission to Ph.D. programme

Those who wish to apply for a research degree will be expected to have a strong, detailed and well-developed proposal for a thesis that can be supervised in CSSS. The Ph.D. admission is not automatic but is decided case by case, depending on the strength, merit and research orientation of the candidate.

(b) M.Phil/Ph.D

The M.Phil. programme at the Centre consists of course work and dissertation. It carries a total of 24 credits- 16 credits for the course work and 8 credits for the Dissertation. The course work consists of 2 compulsory papers of 4 credits each and two optional papers, also of 4 credits each. The compulsory courses are on Theoretical Orientations and Methods of Social Research. The first is designed to expose students to concepts and approaches that are central to sociological studies and equip them to use them with some analytical rigour. The second is designed to train students to divers techniques of research as well as the methodological assumptions upon which they rest.

(c) M.A. in Sociology

Teaching and research programmes of the Centre for MA are organized around studies in theories and methods, on the one hand, and analysis of structures and processes of social systems on the other. Courses at the M.A. level seek to combine theoretical and methodological concerns with the study of the substantive issues relating to Indian society. Of the 16 courses offered to the M.A. students, 5 are optional courses.

All courses offered by the students are lecture-based courses. However, they require students to write tutorials/term papers. In each case, fifty percent of the grades depend on the student's performance in mid-term assignments and the remaining fifty percent is awarded on the basis of their performance in the end semester examination.

7. Centre for Studies in Science Policy

Studies in Science Policy is an interdisciplinary field drawing upon a range of social, natural and engineering science disciplines to enhance our understanding of the interactions between science-technology-society interrelationship. It concerns the impact of science and technology on society and vice versa. The primary focus of teaching and research at the Centre is on areas relating to science and technology policy analyses; sociological and historical

perspectives in science and technology; economics of technological change and innovation studies, technology futures analysis, gender relations in science and technology, science and technology for development, international relations in science and technology, emerging technologies and globalization of innovation, issues of intellectual property rights and environment.

The Centre aims at promoting an interdisciplinary perspective and is open to students for admission from a variety of social and natural sciences, technology, engineering, medicine, law and management disciplines.

The Centre offers M.Phil./Ph.D. and direct Ph.D. programmes. The M.Phil. programme in Studies in Science Policy requires completion of 24 credits in four semesters. The coursework carries 16 credits and the dissertation 8 credits. The course work consists of 4 courses (4 credits each). Out of these, three are compulsory courses and one optional course. Students in the programme may continue to pursue Ph.D. after the completion of M.Phil. course work (in two semesters) after securing required grade or after the successful completion of both course work and M.Phil. Dissertation (in four semesters).

Direct Ph.D. programme is open to scholars who have completed an M.Phil. degree in science policy studies or related area or have demonstrated their research capability by way of equivalent published work in any area related to science policy studies. The Centre strongly recommends such direct Ph.D. scholars to audit the courses offered for M.Phil. students during the first two semesters while pursuing their doctoral research.

Students seeking admission to the Centre are required to bring with them a synopsis of 500 to 700 words research proposal for M.Phil. level and 1200 to 1500 words for direct Ph.D level indicating a research theme, its scope and objectives, statement of the problem, research methods and a brief review of literature at the time of interview.

8. Centre for Philosophy

The Centre was set up in 1999 in the School of Social Sciences. For a long time, the School and the University had felt the urgent need for an independent Centre for Philosophy. This was driven by the understanding that Philosophy must have a central place in an institution of higher learning and research. Further, that an engagement with Philosophy would strengthen the ongoing research in the various fields of knowledge in the University. It was this concern that led to the creation of the Centre for Philosophy in the School of Social Sciences.

The academic programmes of the Centre are intended to provide students with a deeper and more rigorous foundation in the discipline in Philosophy while simultaneously encouraging an engagement with substantive issues and contemporary concerns. The teaching and research work is designed to train students to read and engage critically with original

philosophical texts, both classical and contemporary, with a high degree of methodological awareness; and to reflect systematically on concepts and problems central to Philosophy. The primary purpose of this is to create a body of scholarly work that can yield newer and richer reflections on philosophical problems and debates. The Centre would like to encourage research students to study issues and concerns in Philosophy cutting across diverse traditions and narrow disciplinary boundaries. It would also like students to move from exegesis to a problem-oriented study where philosophical reflection addresses concerns of present day society and polity.

The Centre offers a Direct admission to Ph.D. programme, M.Phil./Ph.D. and M.A. programme.

(i) Direct Admission to Ph.D. Programme: The Centre welcomes applications in all major areas of Philosophy, such as, Ethics, Epistemology, Metaphysics, Legal and Moral Philosophy, Social and Political Philosophy, Philosophy of Language, Philosophy of Mind, Philosophy of Action, Philosophical Psychology, Logic, Philosophy of Social Sciences, and History of Ideas.

The candidate at the time of viva-voce is expected to bring a research proposal of about 1500-2000 words.

(ii) M.Phil/Ph.D.: The M.Phil. programme carries a total of 24 credits - 16 credits for the course work and 8 credits for the Dissertation. The course work consists of 2 compulsory papers of 4 credits each and 2 optional papers, also of 4 credits each. Every student is required to take two compulsory courses in the first semester of the programme, and they must successfully complete the entire course work in the first year of admission.

The two compulsory courses are: (i) Concepts in Philosophy, and (ii) Philosophical Methods. The aim of these courses is to critically engage with some of the core concepts of philosophy and to systematically introduce students to methods of philosophical enquiry by an in depth study of identified essential texts in Philosophy. In addition to this, the Centre offers a range of optional papers in the fields of Ethics and Moral Philosophy, Epistemology and Metaphysics, Philosophy of Action, Philosophy of Language, Philosophy of Culture, Philosophy of Mind and Consciousness, Philosophy of Social Science Studies in Analytical Philosophy, and Phenomenology and Existentialism. The choice of the two optional courses will be determined by the research interest and field of specialization selected by the student.

The course work for M.Phil. will consist of a combination of lectures, preparation and presentations of seminar papers, and participation in discussions on work in progress.

The candidate at the time of viva-voce is expected to bring a research proposal of about 1000-1500 words.

(iii) M.A. programme: As a degree in Philosophy, the M.A. Programme of the Center focuses on the study of

the distinctive character of philosophical inquiry, debates in metaphysics, epistemology, logic and ethics. Since philosophical inquiry is not isolated but rooted in the basic questions of other academic disciplines and social life, students will be encouraged to comprehend the interdisciplinary and foundational character of philosophical studies. They will also be trained to identify and appreciate the sources of philosophical questions and puzzles in our reflections on language, thought, knowledge and values.

The programme will review and attempt to overcome the received binaries and dichotomies such as study of philosophy in terms of geographical and civilizational divisions, intra-disciplinary segregations like analytic philosophy and phenomenology, metaphysics and epistemology, moral and social philosophy, etc.

The programme aims to develop philosophical aptitude and analytical skills among the students through a rigorous training. An intensive study of philosophical texts for a critical appraisal of concepts and arguments used by philosophers, and writing of philosophical essays will be an integral part of the programme.

The two year M.A Programme consists of 16 courses with 10 compulsory and 06 Optional courses of 04 credits each. These are Philosophical Studies: Problems and Perspectives; Epistemology and Metaphysics: Issues and Problems of Knowing and Being; Moral and Social Philosophy; Logic and Scientific Methods; Philosophy of Social Sciences; Philosophy of Language; Readings in 20th Century Indian Philosophy, Readings in Analytic Philosophy and Phenomenology; Seminar Course: Reading a Philosopher and Seminar Course: Project on a Philosophical Theme. Out of the 06 optional courses at least 04 should be chosen from the courses offered by the Centre.

All courses are lecture and seminar based. Students are required to write term papers/ tutorial assignments and give seminar presentations in each course. 50% of the grade depends on the student's performance in mid semester assignments and the remaining 50% is awarded on the basis of their performance in the end semester examination.

9. Zakir Husain Centre for Educational Studies

The Centre offers a programme of study leading to the degree of M.Phil. in Educational Studies and Ph.D. in Sociology of Education, Social Psychology of Education, History of Education and Economics of Education. The Centre focuses on the study of education from social science perspectives. Its teaching and research programmes are structured around social science disciplines of Economics, History, Sociology and Psychology. Accordingly, there are four streams of research and the curriculum for the M.Phil./Ph.D. programme is geared around them.

Economics of Education: Students are introduced to economic issues in education and a theoretical foundation for handling and analyzing of problems

related to human resource development. Wider issues of education from the development economics perspective receive special attention. Other topics include investment decisions in education, financing of education, social choice dilemmas, international labour market, educational policy issues, migration of knowledge, workers, trade in education services and WTO, etc.

History of Education: The research programme on the history of education at the Centre has evolved along three distinct axes. The first has to do with the development and emergence of systems of education in India focusing on questions of the access to education from the perspectives of gender studies, and considerations of equity and social justice in the South Asian context. The second dimension has to do with the evolution of the system of higher education, again from the eve of colonialism into contemporary times. The focus is on the social history of higher education, with an emphasis on issues of the globalization and naturalization of models of the university, and the transformation of knowledge ideals in changing political and socio-economic contexts. The attempt is to study historically the impact of the globalization of the university, on the one hand and the formation of academic disciplines within the university and research institutes on the other. And finally, a third area has to do with the history of science and technology in India, where in addition to looking at the philosophical, and social dimensions of the history of science education, research also focuses upon contexts, policies, and strategies of science communication and popularization.

Social Psychology of Education: The co-constitutive nature of cultural-historical processes and the psychological phenomena is problematized. The existing theoretical traditions within Psychology and their transformative roles in bringing about changes in the educational processes are examined. Areas such as cultural roots of learning with specific emphasis on language and mathematics learning, everyday and scientific cognition, personality, motivation, social cognition, inter-group dynamics and identity processes etc. and their implications for curricular and pedagogic practices in a multicultural-multilingual society are analysed.

Sociology of Education: Special emphasis is placed on issues relating to equity and social justice; structure and processes of schooling; social and educational policy, social impact of globalization and privatization on the educational systems, and other contemporary concerns of education in the 'developing' world. Basic concepts and approaches in sociology, linkages of education with socialization, stratification, social change and mobility, social and educational inequality, etc. are some of the areas discussed. All these issues are discussed from multiple theoretical standpoints ranging from classical sociological thinkers to the most recent ones in sociology of education. The classroom teaching focuses on a comparative analysis of diverse social contexts within India and also other countries.

The scheme of teaching is as follows:

- a. A compulsory core course in Research Methods in Social Sciences as applied to Educational Studies, focusing on quantitative and qualitative techniques of data collection.
- b. A course on Education in India: Social Science Perspectives is to be taken by all students in the first semester.
- c. Introductory and advanced level courses in Economics of Education, Sociology of Education, History of Education and Social Psychology of Education are offered in the first and second semesters.
- d. A basket of optional courses is also offered in the second semester and students have to opt for one of them. Courses include Economic Policy in Education; Educational Thought in Modern India; Changing Conceptions of the Modern University; Education and Diversity in Multicultural Societies; Culture, Cognition and Mathematics, International Migration and Skilled Diasporas; Multilingualism and Education; Cultural Psychology; and Gender and Education.
- e. A dissertation on a selected theme in one's specialization/stream is to be completed over the third and the fourth semesters.
- f. Candidates who clear the entrance examination for M.Phil./Ph.D. programme should bring a brief research proposal of 1500 words at the time of the Viva-Voce. Those applying for Direct Ph.D. should send a detailed research proposal of at least 3500 words along with the application, indicating the scope of the problem chosen, preliminary review of literature, perspectives (theoretical and empirical) and methodology seen as relevant to the proposed study.

The UGC has accorded the Centre the status of Department of Special Assistance (DSA). Earlier, the Centre was also accorded Assistance for Strengthening of Infrastructure for Humanities and Social Sciences by the UGC.

10. Group of Adult Education

The Group of Adult Education (GAE) conducts research, information and documentation, teaching and outreach programmes in the area of both the formal and non-formal education. These main thrust areas include 'literacy studies' (e.g. basic literacy, adult literacy, consumer literacy, legal literacy, environmental literacy, health literacy, media literacy, and citizenship literacy), adult education, lifelong learning, community education, development education and vocational and continuing education in India and abroad. The GAE also focuses on problems of contemporary youth and their lifestyles and the impact of globalization on market practices with special emphasis on consumer rights and their public awareness. By linking education research, policy and practice in all these areas, GAE makes a

special contribution to enhancing access to learning and improving professionalism in social and educational sectors.

Presently, the GAE has faculty members from the disciplines of education, economics, history, political science and sociology. It offers optional course (including one on research methodology) which are credited by students across other Centers and School in the University.

The Group is offering direct PhD programme for students of social sciences, humanities, arts and media studies and for professional engaged in development and social sectors.

11. Women's Studies Programme

Women's Studies Programme (WSP) is a school-level Programme that seeks to study questions of gender in an interdisciplinary and comparative framework. The Programme undertakes both innovative, and intensive, interdisciplinary research and teaching, besides providing the space for creating a vibrant community of feminist academics, students, activists and artists concerned with issues of gender, and wider issues of power in society. The Programme regularly organizes lectures, seminars, workshops and film screenings on a wide range of subjects.

Currently, the Programme offers optional courses at the Master's level that are open to students not only in Social Sciences but also to those enrolled in other Schools and Centres of the University. Students learn to examine the historical, social, political, economic, and cultural dimensions of gender, while gaining a more complex understanding of the construction of gender and its intersection with other categories of difference, power, and inequality.

The Women's Studies Programme offers direct admission to a Ph.D. Programme from the academic year 2010-11.

Admitted candidates will have dual status in the Women's Studies Programme as well as in another Centre depending upon the specific focus of their research.

Ph.D. scholars will be required to complete course work in the first year after admission.

Direct Ph.D. candidates seeking admission to the Programme are required to submit a synopsis of roughly 1000 words on a research theme of their interest, indicating its scope, statement of the problem, methods and a preliminary review of literature.

12. Centre for the study of Discrimination and Exclusion(CSDE)

The Centre for the study of discrimination and exclusion (CSDE) was initially launched in 2005 as a programme to document and analyse discrimination and exclusion in Indian society (PSDE). Gradually it was expanded to study the structures and processes of exclusion and discrimination. The focus was primarily on discrimination and exclusion on the basis of caste, tribe and religion that 'locked out' social groups from

full participation in the economic, social, political and cultural life of Indian society. It was proposed that such a centre would be able to bring together the comparative and interdisciplinary framework necessary for a teaching and research programme that would study discrimination and exclusion given its diverse structural roots and varied forms and manifestations in different social and economic spheres. Presently the thrust of the centre is on study of scheduled castes, scheduled tribes and minorities keeping in mind intersectionalities such as class, gender, region and so on in Indian society.

During the last several years, the CSDE (formerly PSDE) has expanded its institutional base and resources by taking advantage of the UGC Scheme for the establishment of Centres for Study of Social Exclusion and Inclusive Policy (CSSEIP).

The CSDE has been offering a direct Ph.D programme since 2009-2010.

13. Centre for Informal Sector and Labour Studies

Centre for Informal Sector and Labour Studies is one of the newly created (as part of the XI Five Year Plan) centres of the School of Social Sciences. Its objective is to study the conditions of life and work of the working people of the country, which includes non-agricultural workers, agricultural labourers, peasants, fishermen, craftsmen etc. Since the overwhelming bulk of the working people are located in what is called the "Informal Sector", a focus on the Informal Sector becomes inherent to the stated objective of the Centre. This objective, being quite broad, makes the proposed Centre necessarily inter-disciplinary, since any study of the life of the working people must draw upon a whole range of disciplines: history, economics, political studies, sociology and others.

14. Centre for Media Studies

Under the XIth Plan the School of Social Sciences had been mandated to establish a Centre focusing on study of the media. Prof. Deepak Kumar was nominated by the Vice-Chancellor to coordinate the activities relating to the planning and creation of the Centre.

Vision: The Centre for Media Studies aims to emerge as a prime academic location for the development of critical understanding about media and its engagement with society, polity and economy in India.

Objectives: The Centre for Media Studies (CMS) shall promote inter-disciplinary approaches to study and assess the evolution, role, relevance and impact of media in India.

It will enquire into media's functioning, and its influence and impact on contemporary society, polity, economy and culture shall be the primary areas of research concern.

The CMS would also engage itself with the constituting and determining factors of media: such as its social, regional and language base, commercialization and profit motive, institutionalization and organizational scale, media institutions and media houses,

infotainment content, and search for alternative niches through new media etc.

The broad mandate of the Centre would be to study all aspects of the media in an interdisciplinary framework. Though located at the School of Social Sciences, the Centre would engage with experts from disciplines outside the Social Sciences with an interest in the media and their functioning. However, its location in the School would require it to emphasise themes and issues that interface with the various Social Sciences and draw on expertise available within the School. Its curriculum would draw on theories that have emerged in the social sciences. In turn the work undertaken at the Centre will enrich our understanding of the contemporary discourses.

The Centre would not seek to replicate the role of institutions engaged in training personnel for the media, but serve as a location for academic studies aimed at developing a critical understanding of the role and state of the media, its structure, and its relationship with the nature and development of the society, polity and economy in India.

The Centre is envisaged primarily as a centre for research and academic study. It would concentrate on developing a critical understanding of the role of the media in the contemporary mould. For this purpose it will engage with the experts working in this field in the sister schools and other institutions.

To establish the identity of the Centre and to provide some focus to the activities of its inevitably limited faculty in the initial phases, and maximize its impact, it would be useful to identify an initial set of areas of interest on which the Centre may concentrate. Taking account of the roles that the structure of the media and the ways in which it is embedded in society play in defining its functions of legitimation and critique, the areas with which the Centre should engage in its research and teaching activities must include:

- 1) Structures, ownerships and corporatization
- 2) Interface between media, politics, society and technology
- 3) Linguistic and regional diversities
- 4) Media and democratization
- 5) Media, law and regulation
- 6) Internet and social media
- 7) Media and the creation of social values
- 8) Media and popular culture

While at each point in time the activities of the Centre would be influenced by the resources at hand and the size, interests and strengths of its faculty, the above-mentioned would be the areas into which the Centre would hopefully foray over time. The Centre will start the Direct Ph.D. programme from the Monsoon Semester 2013 and will announce the M.Phil/Ph.D. programme (session 2014-15) in Feb. 2014.

15. North East India Studies Programme

NEISP was launched in 2006 undertake critical research and buildup a body of scholarly works on the north-eastern region of India. The programme aims at

developing multi-disciplinary perspective in understanding the region. Though NEISP is a University level programme, it is currently located at the School of Social Sciences.

As part of its objectives, NEISP proposes to start Direct Ph.D. level programme from the academic year 2013-14. The broad areas in which initial research will be focused are; (i) Language, Culture and Society; (ii) History, Society and Politics; (iii) Development, Science, Technology and Environment; and (iv) Migration, Livelihood, Security and Public Policy.

The direct Ph.D. candidates seeking admission to the programme are required to submit a brief research proposal (1000 words approx) indicating the Scope, Problem, Methods and Review of literature of the work the candidate proposes to undertake. They are also expected to have initial research experience or sound knowledge on the region.

In addition to Ph.D. programme, NEISP will also introduce new courses for the Undergraduates & Post Graduates students of the University.

(C) ELIGIBILITY FOR ADMISSION

(i) Direct Admission to Ph.D. Programme

Only those candidates shall be considered for Direct admission to the Ph. D. Programme who have —

- (a) obtained M.Phil./MD/MPH (with MBBS/M.Sc. Nursing/Masters degree in Social Sciences or other disciplines allied to public health) degree of a recognized University/Research Institution as relevant to each centre with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil./MPH dissertation along with the Application Form for the purpose of assessment of their credentials; OR
- (b) at least 2 years research experience in reputed institutions with research publication(s) comparable to M.Phil./MPH (with MBBS/M.Sc. Nursing/Masters degree in Social Sciences or other disciplines allied to public health) standard. In addition, they should have obtained Masters Degree with FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.

--- **For Centre of Social Medicine & Community Health,** In case of doctors and nurses, MBBS/M.Sc. Nursing with M.Phil./MD/MPH degree OR 2 years experience in community health with research publication(s) comparable to an M.Phil. dissertation.

In case of social sciences and other disciplines allied to public health (as given for M.Phil./Ph.D. on page 30), a Master's degree with an M.Phil. or a Masters Degree with FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage with at least 2 years

experience in public health and research publication(s) equivalent to M.Phil.

--- **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 or their equivalent. In addition, they should have obtained Master's Degree with FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.

--- **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 and above or FGPA of 6.00 in the 10 point scale from a recognized university.

(ii) M.Phil./Ph.D.

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:** Masters degree in social sciences or other disciplines allied to public health (as given on page 30) with 50% marks.

(iii) Master of Public Health (MPH/Ph.D. in Community Health)

MBBS degree with at least 50% marks and at least one year's work experience **after internship** or M.Sc. degree in Nursing with at least 50% marks and at least one year's experience in Community Health Nursing.

(iv) M.A.

(a) M.A. in History, 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, and Mathematics either at 10+2 level or at Bachelor's level, either as subsidiary or as honours.

(c) M.A. in Political Sciences

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

(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.

Main and Allied subjects for purpose of Eligibility for admission to M.Phil./Ph.D. and MPH/Ph.D. programme of study in the School of Social Sciences

1. Centre for Economic Studies and Planning

Main Subject - Economics

Allied Subjects - History, Political Science and Sociology, Mathematics and Statistics.

2. Centre for Historical Studies

Main Subject - History

Allied subjects - Political Science, Economics, Sociology and Geography.

3. Centre for Political Studies

Main Subject - Political Science

Allied Subjects - All other Social Science Subjects.

4. Centre for the Study of Regional Development

Main Subject - Geography, Population Studies and Economics

Allied Subjects - All other Social Science Subjects.

5. Centre of Social Medicine and Community Health

Main Subject (MPH/Ph.D.) - Medicine and Nursing (Allopathic)

Main Subject (M.Phil./Ph.D.) - Sociology, Psychology, Anthropology, Economics, Political Science, History, Social Work, Geography, Population Studies, Public Administration, Communication, Nutrition.

Allied Subjects (M.Phil./Ph.D.) - Applied Health Sciences and Technology, Humanities, Management and Rural Development.

6. Centre for the Study of Social Systems

Main Subject - Sociology

Allied Subjects - Social Anthropology, Political Science, Economics, Psychology, History, Public Administration, Geography, Philosophy, Socio-Linguistics and any other Social Science discipline.

7. Centre for Studies in Science Policy

Main Subjects - Social Sciences and Humanities

Allied Subjects - Law and Management Science Subjects -Natural Sciences, Engineering, Technology and Medicine.

8. Centre for Philosophy

Main Subjects - Philosophy

Allied Subjects - Social Sciences, Humanities, Natural Sciences & Technology

9. Zakir Husain Centre for Educational Studies

Main Subjects - Economics, History, Psychology, and Sociology.

Allied Subjects - (i) Education, Political Science, Philosophy, Social Anthropology, Geography, and other Social Science (including Socio-linguistics, Child

Development and Social Work.). (ii) Other Sciences and Humanities.

9. Programme for the study of Discrimination and Exclusion(PSDE)

Main Subject - Political Science, History, Sociology, Anthropology, Economics, Geography, Education, Psychology and Law

5. SCHOOL OF ENVIRONMENTAL SCIENCES

Environmental sciences as a discipline was incepted at JNU in 1974 as a bold step to clear precept of frame the boundaries across disciplines—Mathematics, Physics, Chemistry, Biology, Geology. The school is truly multidisciplinary in studies and focuses. From the school's research and teaching program intentions and efforts were to allow the interaction between pure natural sciences and expect the evolution of meaningful, viable and sound academic curriculum where Environmental Science remains a central focus, having objective assessments of its accomplishment in Teaching, Research, and Affecting and shaping the policy. Dedicated multidisciplinary research works by Faculties of The School of Environmental Science are involved in diverse scientific interests to carry on the original field of work in different aspect of Environment and its natural resources with association of the society and its anthropogenic activities. Uptake of research scholars with all diversified interests built up the school with a different perspective to fight against all environmental impacts.

The school offers Direct Ph.D., M.phil./Ph.D and M.Sc. programmes. The School is distinguished for recipient of UGC sponsored special assistance programme (SAP)/DSA /DRS programmes, FIST sponsored by the DST and the ENVIS center sponsored by the Ministry of Environment and Forests, Government of India. Academic activities of the faculties have been recognized both nationally and internationally and several of them are recipients of various research projects, funded by governmental and intergovernmental agencies such as DST, DBT, DOD, UGC, ICMR, CSIR, MOEF, Global Environment Facility, UNESCO, NIC, DTRL, MOWR and others. Several faculty members are part of various committees constituted by the Central and State Governments. The School has set-up a Central Instrumental Facility (CIF) housing many state of art of analytical instruments includes: CHNSO Analyser, Gas Chromatograph, Atomic absorption spectroscope, UV-Vis Spectrophotometer, Scintillation Counter, AKTA system, X-RD, Real Time PCR, Microwave Digestion, AXIOSKOP AXIOVERT microscope and Fluorescent Microscope, Ion exchange Chromatograph, Ultra-centrifuge, Spectroradiometer, Atomic absorption spectroscope, WD – XRF etc. Other than that a well equipped M.Sc. laboratory with some essential small instrumental facilities, an inhouse library facility and one computational laboratory with internet facilities are provided to the student community to strengthening their scientific awareness with global challenges.

(A) PROGRAMMES OF STUDY**(i) Direct Admission to Ph.D. programme**

Students admitted for direct Ph.D. are required to go through course work and secure, required CGPA as decided by the School.

(ii) M.Phil/Ph.D.

Category-I (through entrance examination): The activities of the School are inter-disciplinary. The School endeavors to study the problem of environment in an integrated manner using the principles of Physics, Chemistry, Mathematics, Geology and Biology. The M.Phil./Ph.D. programme, started in 1975, has also undergone periodic changes. It includes extensive course work followed by a dissertation, which leads, upon successful completion, to the M.Phil degree. This is followed by research work for Ph.D. on an approved topic for a minimum of two years. Approval and successful defense of a thesis is required for a Ph.D. Degree. The candidates may give their preference to **any two research areas** of the following four research areas at the time of applying. **The candidature of those candidates applying for more than two research areas is likely to be rejected. Therefore, candidates are advised in their own interest not to apply for more than two research areas.** Based on performance in entrance exam, candidates will be called for interview. At the time of interview the candidates will have to give their preference for research topics within the area they have been called for. The research topics of each faculty are described in the JNU web site.

Category II (NET Qualified candidates): Candidates who have qualified for Junior Research Fellowship through CSIR/UGC National Eligibility Test (NET) examination are eligible to apply separately in the prescribed form under this category. Candidates shall have to appear for an interview (as in category I) and their selection will depend on their performance in the interview. Candidates who have appeared in the CSIR/UGC NET examination but results awaited may also apply under this category. However, such candidates will be interviewed upon submission of a valid proof of having qualified for or awarded the JRF certificate at the time of interview. Moreover, only candidates with valid proof of JRF qualification would be provided permissible travelling allowance for attending interview. Please note that candidates who have been awarded "Lecturership" in the CSIR/UGC examination are not eligible and will not be interviewed.

Selected candidates are required to successfully complete seventeen credits of course work and seven credits of dissertation to become eligible for registration to the Ph.D. programme. In some cases, if the students complete the course work with a CGPA of 6.5 or more the students may be permitted to register directly for Ph.D., without submitting a dissertation worth 7 credits.

Research Area-I: Aspects of Theoretical Physics and Applied Mathematics, Application of the discipline to the study of Environmental Problems, Meteorology, Air Pollution, Noise, Lasers, Microwaves and their

application in Remote Sensing, Waste Water Treatment using Ultrasound, Electromagnetic Field Effects in Biology.

Research Area-II: Application of Geology Geochemistry and Biogeochemistry to problems of surface earth processes, water bodies including ground water, glaciers, Coastal Aquatic Systems, Estuaries and Mangroves, soils/ sediments, Mineral Deposits and Mining Pollution. Remote sensing applications in Geosciences.

Research Area-III: Application of Chemistry in monitoring and management of Air, Water and Soil Pollution, Biogeochemical Cycling.

Research Area-IV: Ecosystem Dynamics, Cellular and Molecular Biology, Biochemistry, Biophysics and Biotechnology in Environmental Science, Physico-Chemical aspects of air/water pollution, Molecular Microbial Ecology, Bioremediation and Bioconversion of xenobiotics, Environmental Cancer Biology, Environmental Toxicology.

(iii) M.Sc in Environmental Sciences

The School offers a two years interdisciplinary M.Sc. programme in Environmental sciences. The program covers various aspects of the environment by providing indepth understanding of issues at local, regional and global level; using interdisciplinary teaching/research/field work resources. Well designed contemporary courses are offered to ensure development of scientific understanding of the environmental problems. The courses offered fall under four categories: (i) Core courses, (ii) Optional courses (iii) Remedial courses and (iv) Non-credit courses. The M. Sc. programme is spread over four semesters. It carries 64 credits and comprises of four different components viz: I) Teaching, II) Lab Work, III) Field Work and IV) Dissertation. The subjects areas covered require knowledge of the basic scientific disciplines (Mathematics, Physics, Chemistry, Biology, and Geology). Detail about all the courses offered in this programme can be obtained from the Jawaharlal Nehru University Website.

(B) ELIGIBILITY FOR ADMISSION**(i) Direct Admission to Ph.D. Programme**

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/Research Institution with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials; 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 FGPA of 6.00 in the 10 point scale/ comparable standard or equivalent percentage.

- (ii) **M.Phil./Ph.D.:** M.Sc. degree or equivalent in any branch of basic or applied science or applied science or MBBS or B.Tech./B.E. with minimum 55% marks. After selection on the basis of either through entrance examination (Category I) or as JRF-NET qualified candidates (Category II) they have to provide their preference for research topics representing the faculties within the Areas applied for.
- (iii) **M.Sc.:** Bachelor's degree in any branch of basic or applied science under 10+2+3 pattern of education with at least 55% marks.

6. SCHOOL OF COMPUTER & SYSTEMS SCIENCES

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, TCS, Flextronics, Siemens, HP, Parot Systems, CSG, Accenture, Cadence, Genpact, etc. The School has also 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, Data Warehousing, Knowledge Engineering, Mobile Networks, Modelling and Simulation, Natural Language Processing, Optimization Theory, Parallel and Distributed Computing.

(A) PROGRAMMES OF STUDY

(i) Direct Admission to Ph.D. Programme

Course Work - The selected candidates are required to take a minimum of six courses (including the

seminar course of 3 credits) within first two consecutive semesters.

Successful completion of course-work is pre-requisite for confirmation in the Ph.D. programme. **Due to the structure of the course work, admission to Direct Ph.D. programme is considered only in the Monsoon Semester.**

(ii) M.Phil./Ph.D. and M.Tech/Ph.D. (Computer Science & Technology)

Category-I (through entrance examination):

Candidates must appear in the written examination conducted by the University. Based on the written test, short-listed candidates will have to appear in the interview. Admission is offered to candidates, finally selected on the basis of their performance in the written test and the interview.

Each student aiming to obtain an M.Phil./Ph.D. or M.Tech./Ph.D should clearly mention the stream, viz M.Phil./Ph.D. or M.Tech./Ph.D. in the application form. No change-over from one stream to another will be allowed after the confirmation of the admission.

Category II (NET Qualified candidates) : Candidates who have qualified for Junior Research Fellowship through CSIR/UGC National Eligibility Test (NET) examination are eligible to apply separately in the prescribed form under this category. Candidates shall have to appear for an interview and their selection will depend on their performance in the interview. Candidates who have appeared in the CSIR/UGC NET examination but results awaited may also apply under this category. However, such candidates will be interviewed upon submission of a valid proof of having qualified for or awarded the JRF certificate at the time of interview. Moreover, only candidates with valid proof of JRF qualification would be provided permissible travelling allowance for attending interview. Please note that candidates who have been awarded "Lecturership" in the CSIR/UGC examination are not eligible and will not be interviewed.

Duration of Course: The course work shall be completed within first two consecutive semesters and the dissertation in the subsequent third and fourth semesters.

Credit Requirements: No student admitted to the programme shall be eligible for the award of M.Tech. degree unless he/she secures 50 credits in all out of which at least 30 credits shall be for course work, 5 credits for seminar and 15 credits for the dissertation. In some cases, if the students complete the course work with the CGPA of 6.5 or more the students may be permitted to register directly for Ph.D. without submitting an M.Tech. dissertation.

(iii) MCA (Master of Computer Applications)

Students are admitted to the MCA programme each year on the basis of their performance in the written test conducted by the University.

This three-year programme is designed to provide necessary theoretical background and practical experience in Computer Science and Applications to meet the growing manpower requirements in automatic computing.

SCHOLARSHIPS: Scholarships of the value of Rs.600/- per month will be awarded during the fifth and sixth semesters to those students of MCA programme who have met the prescribed grades/courses requirements.

(B) ELIGIBILITY FOR ADMISSION

(i) Direct Admission to Ph.D. Programme

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, 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/Research Institution, (except those who joined M.Tech. on or before 2002-03) with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/ comparable standard where the grading is based on system other than 10 point scale. 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. The candidates who have obtained M.Tech./M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Tech./M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials;
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 FGPA of 6.00 in the 10 point scale/ comparable standard or equivalent percentage.

(ii) M.Phil./Ph.D. and M.Tech./Ph.D.: 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.

(iii) M.C.A.: Bachelor's degree in any discipline with adequate competence in Mathematics under 10+2+3 pattern of education with at least 55% marks.

7. SCHOOL OF PHYSICAL SCIENCES

The School of Physical Sciences (SPS) is one of the leading departments of India in terms of research and teaching in physical sciences. The SPS faculty has made significant contributions to novel interdisciplinary areas interfacing physics, chemistry and mathematics, in addition to the more traditional areas of physics. The School has well-developed computing facilities and well-equipped laboratories. The research emphasis has been on topics of Chemical Physics, Computational Physics, Disordered Systems, Granular Materials, Mathematical Physics, Non-equilibrium Statistical Mechanics, Nonlinear Dynamics, Quantum Chaos, Quantum Magnetism and Strongly Correlated Systems, Quantum Optics, Statistical Nuclear Physics and String Theory. Experimental areas include Complex Fluids, Materials Science, Superconductivity, Magnetism, Nonlinear Optics, Semiconductors, Polymers and Nanoparticle Physics.

The School has recently initiated research activities in the following areas. (a) Chemistry: Organic and Inorganic Synthesis, Supramolecular and Materials Chemistry, Ultrafast Laser Spectroscopy and Ultrafast Fluorescence Microscopy; (b) Mathematics: Lie Groups and Probabilities, Ergodic Theory and Dynamical Systems, Algebraic Number Theory.

The research and teaching contributions of SPS have been acknowledged in many ways. The SPS graduates (Ph.D. and M.Sc.) have found subsequent positions with great ease. Many faculty members are frequent speakers at national and international conferences, while publications from the faculty have received extensive citations in the scientific literature. Some faculty members have received prestigious national awards and have been elected as fellows of important scientific academies. In recognition of the excellence in the teaching and research programmes at SPS University Grants Commission has continuously supported since 1994, the activities in the School through its programmes such as DRS COSIST and DSA. SPS is also a recipient of major research grants under the FIST program of the DST in 2002 and 2007. The School offers Ph.D. (Physical Sciences/Chemical Sciences/Mathematical Sciences) and M.Sc. (Physics) degree programmes.

(A) PROGRAMMES OF STUDY

(i) Direct admission to Ph.D. programme in Physical Sciences

Suitable courses may be prescribed for candidates admitted to the Direct Ph.D. programme.

(ii) Ph.D./Pre-Ph.D. programmes in Physical Sciences/ Chemical Sciences/Mathematical Sciences

Candidates selected through the written entrance examination or through the JRF channel are required to take a minimum of five courses (including Research Courses if prescribed) in the first two semesters. Satisfactory completion of the Pre-Ph.D. course work (according to the JNU Ordinances) is a prerequisite for confirmation in the Ph.D. programme.

(iii) M.Sc. in Physics

The detailed syllabus of the M.Sc. programme is available at the JNU website. The salient features of the syllabus are: (a) emphasis on core aspects of modern physics, and (b) emphasis on laboratory

training. The M.Sc. programme is nurtured as an integral part of the research activities of the School.

(B) ELIGIBILITY FOR ADMISSION

(i) Direct admission to Ph.D. programme

Candidates shall be considered for Direct admission to the Ph.D. programme on the following basis:

- a) M. Phil degree from a recognized University/ Research Institutions with minimum Final Grade Point Average (FGPA) of 6.00 in a 10-point scale/comparable standard where the grading is based on systems other than a 10-point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials. 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 FGPA of 6.00 in a 10-point scale/comparable standard or equivalent percentage.
- c) They should also satisfy the academic background criteria specified in (B)(ii)/Category I below.

(ii) 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.
(Admission through entrance examination is kept in abeyance for this year. Admissions however will be made under the category 'NET qualified candidates')
- c) **For Mathematical Sciences**, M.Sc. degree in Mathematics, with at least 55% marks.

CATEGORY II (NET QUALIFIED CANDIDATES):

Candidates who satisfy the background criteria specified above for Category I candidates and have qualified for Junior Research Fellowship through CSIR/UGC National Eligibility Test (NET) or NBHM Ph.D. scholarship test are eligible to apply separately in the prescribed form under this category for all the three programmes. Candidates shall have to appear for an interview and their selection will depend on their performance in the interview. Candidates who have appeared in the CSIR/UGC NET/NBHM examination but whose results are awaited may also apply under this category. However, such candidates will only be

interviewed upon submission of a valid proof of having qualified for or awarded the JRF certificate at the time of interview. Moreover, only those candidates with valid proof of JRF qualification would be provided permissible travelling allowances for attending the interview. Please note that candidates who have been awarded "Lecturership" in the CSIR/UGC examination are not eligible and will not be interviewed.

(iii) M.Sc. (Physics) Programme:

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.

8. SCHOOL OF COMPUTATIONAL AND INTEGRATIVE SCIENCES

The School was established to carry out teaching and research programs in areas which are interdisciplinary in nature. The major aim is to integrate tools and techniques from different branches of sciences and apply them to problems of natural and social sciences. Rapid advancements in science and cutting edge technologies are enabling and driving the research direction in a big way. New innovative approaches are being tried and tested with active participation of researchers from diverse fields and disciplines. Fast emerging areas which includes computational and systems biology, complex systems studies, high performance computing, artificial intelligence, computational neuroscience are increasingly drawing the attention of researchers worldwide.

Our academic program is currently focused on the core area of Computational and Systems Biology and gradually other areas will be given impetus. To meet this objective, SCIS offers M.Tech. and Ph.D. program in the broad area of Computational and Systems Biology. To nurture, strengthen and support all academic activities, a core group of faculty/researchers are involved in all aspects of teaching, training and research. Department of Biotechnology (Govt. of India) has identified our school as a "Centre of Excellence" in Bioinformatics. Faculty and students are currently pursuing research in diverse fields such as Comparative Genomics, Structural Biology and in silico drug design, Biological Evolution, Biomolecular Simulations, data mining and analysis of large scale data, biophysics, systems biology, robotics, complex systems and artificial intelligence.

Teaching and research program in these areas needs powerful computational and communication infrastructure and in that direction a high performance computing facility and a dedicated high speed connectivity has been established. Students and research scholars are provided individual work stations. They are also using the available software and hardware resources round the clock. A small library with a good collection of specialized books and journals is also functioning. Scientific literature can be accessed through the JNU library portal which update the databases keeping in view of the research trends.

SCIS is also currently initiating a program in complex systems which will study the complex behavior in mathematical, physical, living and social systems. This

necessitates the setting up of core group on computational modeling which will attempt to develop simplified description of a system that can be useful for simulation or analysis. This may enable us to identify patterns that underlie this inter-related systems. Properties such as emergence, evolution, network, structure and dynamics of the systems will be investigated in a collaborative environment.

(A) PROGRAMMES OF STUDY

School of Computational and Integrative Sciences offers the following three academic programs for the current year.

(i) Direct admission to Ph.D. program in Computational Biology and Bioinformatics

(ii) Pre-Ph.D./Ph.D. in Computational Biology and Bioinformatics

(iii) M.Tech. in Computational and Systems Biology

(B) ELIGIBILITY FOR ADMISSION

(i) Direct admission to Ph.D. Programme

Direct Admission to Ph.D. Program in Computational Biology and Bioinformatics is available.

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/research institution with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidate who have obtained M.Phil degree from a University/Institution where dissertation is not graded or grading is not on 10 points scale, are required to forward a copy of their M.Phil dissertation along with the Application Form for the purpose of assessment of their credentials. 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 FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage. OR
- c) Candidates with Advanced Diploma (after M.Sc. degree) in Bioinformatics are also eligible if they secure minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard or equivalent percentage.

(ii) Pre-Ph.D./Ph.D. programme

Pre-Ph.D./Ph.D. in Computational Biology and Bioinformatics

Category 1 (through entrance examination):

- (a) Master's Degree in any branch of Sciences such as Biology, Chemistry, 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.Pharma degree or equivalent.

Common to all is a minimum requirement of 55% marks.

Category II (NET Qualified candidates):

Candidates who have qualified the National level Junior Research Fellowship examination through CSIR/UGC National Eligibility Test (NET), BINC, DBT, ICMR are eligible to apply separately in the prescribed form under this category. Candidates shall have to appear for an interview and their selection will be based on their performance in the interview. Candidates who have appeared in the CSIR/UGC NET examination but whose result are awaited may also apply under this category. However, such candidates will be interviewed upon submission of a valid proof of having qualified for or awarded the JRF certificate at the time of interview. Moreover, candidates with the valid period of JRF qualification only would be provided permissible traveling allowances for attending the interview. Please note that candidates who have been awarded "Lectureship" in the CSIR/UGC examination are not eligible and will not be called for interview.

A minimum of 55% marks in the qualifying degree and Mathematics till class XII is Compulsory.

(iii) M.Tech. in Computational and Systems Biology

Candidates should appear in the written entrance test conducted by the University. Based on the performance in written test; short-listed candidates have to appear for an interview. Admission is offered to candidates appearing in the entrance exam should fulfill any one of the three academic requirements listed below.

- a) Master's Degree in any branch of Sciences including Biological, Chemical, Mathematical, Physical, Statistics, Computer Sciences/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.Pharma degree or equivalent.

A minimum of 55% marks in the qualifying degree and Mathematics till class XII is Compulsory.

9. SCHOOL OF ARTS AND AESTHETICS

The School of Arts and Aesthetics is one of the very few places in India that offer post-graduate degree courses in the theoretical and critical study of film, visual and the performing arts. Moreover, it is the only place in India where these disciplines are offered in one integrated programme that allows students to understand a particular art form in a broader cultural context.

At the SAA the teaching is conducted by eminent scholars who bring to their perspective a multidisciplinary approach drawing on insights from the field of anthropology, history, media and cultural studies. The study of art has in recent years been enriched by methods and insights from many fields: sociology, linguistics, cultural studies, political science,

economic history, semiotics and feminist studies, to name a few. The School's outlook has been formulated in response to new ways of thinking about culture, using a diversity of critical and theoretical approaches. Students are introduced to a range of research methods that combine archival, ethnographic, theoretical and cultural approaches.

The School focuses on taught degree programmes. The faculty encourages students to take advantage of Delhi's cultural riches by watching and discussing exhibitions, theatre, film and music festivals and organizing field trips. The School also hosts interactions with visiting scholars and artists and runs an annual outreach programme that brings the best scholars in a chosen field from all over India to conduct workshops and give talks that are accessible to the interested public.

Resource Centre: The School is building up a library and an archive of photographs, slides, audio and video recordings to help with teaching. There is a growing digital archive of visual art, cinema and of both Indian and International cinema. The use of multi-media teaching is geared to help students maintain a live contact with performance, visual art and film. Students are encouraged to undertake field trips and to learn documentation methods. Students are also encouraged to curate exhibitions in the art gallery of the School and curate mini film festivals on specific themes.

Outreach Programme: Apart from teaching its regular students, the School is also committed to raising the awareness of the public about film, and the visual and performance arts. For this the School will hold events geared to making connections with other interested institutions and organizations in a collaborative spirit.

Academic Foci for the Integrated M.A Degree: The current academic foci of the school include the areas listed below. The list will grow as the School grows in the coming months and years.

Visual Studies: The visual studies courses cover areas of conventional art history and high art practice as well as that of popular culture and the larger visual field. The majority of visual studies courses focus on aspects of Indian visual culture, including shastric and aesthetic theories of Indian art, ancient sculpture, medieval temple architecture, Mughal and Rajput painting, 19th and 20th century popular culture, modern and contemporary art in India and elsewhere in Asia. Theoretically-oriented and cross-cultural courses take up issues such as the relationship between methods, materials and meanings in art, narrative strategies in art, and the history and politics of art institutions, particularly museums.

Theatre and Performance Studies: Current faculty strengths lie in the area of theatre studies, and courses offered focus on the history and sociology of Indian and World theatre. The development of genres in relation to the history of ideas and patronage, and the interdependence of text, context and performance form an area of special interest. At present, courses on the history of Indian music and dance are offered from time to time by visiting faculty.

Cinema Studies: The courses on Cinema Studies are designed to introduce students to the evolving nature of film, both as a social institution and as a powerful art form of the 20th century. The courses engage with critical concerns and discourses around the historical role, function, circulation,

reception and formal inventions of the cinema. The courses on Cinema Studies are international in focus with at least one course devoted to the history of Indian Cinema.

(A) PROGRAMMES OF STUDY

1. **Direct Admission to Ph.D. Programme :** Candidates will conduct research towards a Ph.D dissertation in any of the three streams of study offered at the School under the supervision of a guide from within the School's faculty.
2. **M Phil/ PhD :** The School offers an M.Phil. programme in three different streams – Visual Studies, Theatre and Performance Studies and Cinema Studies. Candidates seeking admission to the course are expected to have a broad knowledge of the history, practice and theory of film, visual, and the performing arts.
In the first two semesters of the first year students will be required to successfully complete their course work, including one course on Research methodology in their respective stream. In the second year, students will be required to write and submit their dissertation.
3. **MA in Arts and Aesthetics:** The School currently offers an MA programme with a cross-disciplinary study of the visual, cinematic and performing arts. Students will be required to take 64 course credits within the space of four semesters. Of these, eight courses are compulsory courses that cover core materials in the fields of aesthetics, film, the visual and the performance arts along with related critical theories and methodologies for the study of the arts. Students are encouraged to take a language course, as well as one course in another centre. Apart from core course credits, credits will also come from optional courses that offer a more intense focus on particular areas.

(B) ELIGIBILITY FOR ADMISSION

(i) Direct Admissions to the Ph.D Programmes

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/Research Institution with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials;

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 FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.

(ii) M.Phil./Ph.D.

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

(Admission to the M.Phil./Ph.D. is through a separate entrance examination for each discipline followed by a viva-voce.)

(iii) M.A in Arts & Aesthetics

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

10. SCHOOL OF BIOTECHNOLOGY

The School of Biotechnology was one of the first six centres established under the aegis of Department of Biotechnology (DBT), Govt. of India for carrying out Postgraduate teaching and research in areas related to Biotechnology. Initially established as a Special Centre for Biotechnology in 1985, it was upgraded to the level of a School in the year 2006.

Over the years the Biotechnology programme at JNU has established itself as a leading academic programme both from the teaching and research point of view. The faculty of the school is internationally recognized for basic and applied aspects of biotechnology research.

The competitive and vibrant Ph.D. programme in basic and applied biotechnology embarks on creating a strong academic research foundation in the following cutting-edge areas of Biotechnology:

- Molecular Biology and Genetic Engineering
- Transcription control, gene regulation, and vaccine development
- Molecular Biology of infectious diseases
- 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

Strong emphasis is placed on the interdisciplinary nature of Biotechnology; Thus, students coming from both the Physical and Biological Sciences streams are welcome.

The School of Biotechnology is well endowed with State of the art facilities for cutting edge research in Biotechnology. Some of the major equipments/facilities in the school are as follows:

- Central Instrumentation Facility
- Recombinant Product Development Facility of GLP standard
- Spectroscopic Facility
- Microcalorimetric Facility
- Microscopic Facility
- Protein production and purification Facility
- Biosafety Level 3 Facility

Central Instruments Facility

The School has a Central Instruments Facility (CIF) equipped with all the basic and advanced equipments/instruments required for modern day research in biotechnology. The facility is open round the clock for both the students and the faculty.

Recombinant Product Development Facility of GLP standards (RPDF-GLP)

Under the FIST support from the Department of Science and Technology (DST), the School has created a Recombinant Product Development Facility of GLP standard. The facility includes all necessary up stream and downstream equipments, and quality control and testing equipments required for the recombinant product development.

Spectroscopic facility:

The spectroscopic facility includes a number of highly sensitive UV-Visible spectrophotometers, Fluorescence spectrometers, Circular Dichroism spectrometer with stopped flow attachment, FT-IR spectrometer.

Microcalorimetric facility:

This facility includes Microcal differential scanning calorimetric and isothermal titration calorimetric set up for studying bimolecular stability, folding and interactions.

Microscopic facility:

This includes Simple microscopes, Fluorescent microscopes, Laser Scanning Confocal microscope, Phase contrast microscopes.

Protein Production and Purification Facility:

This facility includes refrigerated incubator shakers, Bacterial and Mammalian cell bioreactors with online FTIR analysis, AKTA-Prime, AKTA-Explorer FPLC protein purification systems, Shimadzu HPLC protein purification system.

Other equipments:

Other specialized analytical facilities that are available in various labs and the Central facility include Real Time PCR, ELISA readers, Elispot Reader and Fluorescence Activated Cell Sorter etc.

In addition to the above, the University has an Advanced Instrumentation Facility. Details about the facility can be looked at: <http://www.jnu.ac.in/AIRF>

(A) PROGRAMMES OF STUDY**(i) Direct Admission to Ph.D. Programme.****(ii) Pre-Ph.D./Ph.D.**

Category-I (through entrance examination): The School of Biotechnology Carries out research and teaching (Pre-Ph.D. level) in interdisciplinary areas of Biotechnology as above. The students are given option of areas of research contingent upon vacancy available and inter-se merit of the candidate. Selected candidates are admitted in the first instance, to a two semester programme of course work. Satisfactory completion of the pre-Ph.D. course work (earning a

minimum 14 credits) and securing a CGPA of 6.5 (for general category students) and 6 (for SC/ST) is a pre-requisite for subsequent registration to Ph.D. programme.

Category II (NET Qualified candidates): Candidates who have qualified for Junior Research Fellowship through CSIR/UGC National Eligibility Test (NET), DBT-JRF, ICMR-JRF, or any other National Scholarship examination are eligible to apply separately in the prescribed form under this category. Candidates shall have to appear for an interview and their selection will depend on their performance in the interview. Candidates who have appeared in the CSIR/UGC NET examination but their results are awaited may also apply under this category. However, such candidates will be interviewed upon submission of a valid proof of having qualified for or awarded the JRF certificate at the time of interview. Moreover, only candidates with valid proof of JRF qualification would be provided permissible traveling allowance for attending interview. Please note that candidates who have been awarded "Lecturership" in the CSIR/UGC examination are not eligible and will not be interviewed.

(B) ELIGIBILITY FOR ADMISSION

(i) Direct Admission to Ph.D. Programme

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/Research Institution with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials; 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 FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.

(ii) Pre-Ph.D./Ph.D.

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.

For further details about the various programmes, faculty profiles and facilities, etc. visit the School of Biotechnology website: <http://www.jnu.ac.in/SBT>.

Note: JNU will conduct Combined Entrance Examination for M.Sc. programme in Biotechnology for 34 participating Universities for which there is separate Prospectus and Application Form.

11. CENTRE FOR SANSKRIT STUDIES

The Special Centre for Sanskrit Studies was set up in 2000 to undertake research and teaching in Sanskrit studies directed towards relating Indian knowledge systems both to contemporary Indian reality and contemporary western thought. The initial focus is on philosophy, grammar, as reflected in Sanskrit, Pali and Prakrit languages and Language Technology, literary theory, literature, social and scientific thought.

(A) PROGRAMMES OF STUDY

(i) Direct Admission to Ph.D. programme: Research and teaching is undertaken in areas of Vedic literature and thought, Indian philosophical systems, Sanskrit poetics and poetry, Sanskrit grammar and grammatical theory, Pali and Buddhist Studies, Mahayana Buddhism, modes of disputation and interpretation of text, Sanskrit linguistics including computational linguistics etc. Comparative research is also encouraged.

Those who have a Master's degree have to undertake and successfully complete four pre-Ph.D. courses among those offered in the Centre before they can go on to write their thesis.

(ii) M.Phil / Ph.D.: Research and teaching is undertaken in same areas as enumerated for Direct Ph.D. programme.

In the two semesters of the first year of the M.Phil Programme, students will be required to successfully complete four courses offered in the Centre including one on research methodology. In the second year students will be required to write dissertation.

(iii) M.A.: Wide ranging courses are offered by the Centre in Vedas, Literature, Philosophy, Pali and Buddhist Studies, Sanskrit Linguistics including Computational Linguistics and Social and Scientific thought etc.

M.A. programme in Sanskrit Studies requires completion of sixteen courses over four semesters. Specialized courses are offered in the above mentioned areas.

(B) ELIGIBILITY FOR ADMISSION

(i) Direct Admission to Ph.D. Programme

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/Research Institution with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the

- Application Form for the purpose of assessment of their credentials; **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 FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.
- (ii) **M.Phil./Ph.D.**
Master's degree in Sanskrit or in an allied subject (with Sanskrit up to B.A. level) with at least 55% marks.
- (iii) **M.A. in Sanskrit**
Bachelor's Degree in Sanskrit or in any other subject under 10+2+3 pattern of education with at least 45% marks.

12. CENTRE FOR MOLECULAR MEDICINE

Molecular medicine is an emerging area within biomedical sciences that aims to understand the molecular determinants of health and disease with an ultimate goal of applying the knowledge for the prevention, diagnosis and treatment of diseases. The Special Centre for Molecular Medicine (SCMM) at JNU pioneered research and education in this field in India and is the first national centre imparting Ph.D. level training. The centre aims to accomplish its goal through innovative and collaborative basic and clinical research programmes. To fulfill its goal the centre has already initiated many collaborative research activities with reputed national and international medical research institutes.

The objective of the SCMM is to foster teaching and research activities in the study of human diseases with application of advanced tools of molecular and cell biology. SCMM has started academic programmes for the training of young scientists (clinical and non-clinical) who are keen to pursue careers in basic medical research. The training program has been designed to develop essentially two types of scientists who can contribute to the continuing progress of Medicine. Type one is first and foremost a clinician with a basic clinical degree, but one who is familiar with and understands the essence of modern biology at the molecular level as applied to medicine. The second is a modern biologist, but one who is sufficiently knowledgeable in medicine to deal productively with the medical problems so that they would be able to deliver product or processes to the society. For successful implementation of these objectives, SCMM has started the following programs of study.

To encourage medical graduates and students from basic sciences, the centre has introduced Pre-Ph.D. and Direct Ph.D. Programmes in Molecular Medicine and is pursuing teaching & research activities in the following thrust areas:

- A. Metabolic disorders (diabetes type 2, steroid/nuclear receptors in health and diseases, diseases associated with cell – cell junctions, endocrine related cancers).

- B. Infectious and non-infectious diseases: hepatitis C, Leishmaniasis, Helicobacter pathogenesis, Candidiasis, Inflammatory Bowel Disease, pathobiology of innate immune dysfunctions., DNA replication and cell cycle regulation of medically important pathogenes: Helicobacter Pylori & Plasmodium Falciparum. Modulation of cell – cell junctions by pathogens.
- C. Diagnostics, development of genetic tools to identify pathogenic organisms, medical proteomics.
- The selected students will have the option to choose their research area depending on their merit/aptitude and according to the vacancy available.

(A) PROGRAMMES OF STUDY

(i) Direct Admission to Ph.D. Programme:

This programme is mainly to encourage fresh medical graduates with interest in basic sciences and willing to pursue research as a career. However, exceptionally qualified/experienced researchers from other biological streams may also apply for the programme.

(ii) Pre-Ph.D Programme.

(B) ELIGIBILITY FOR ADMISSION

(i) Direct Admission to Ph.D. Programme:

Only those candidates shall be considered for Direct Admission to the Ph.D. programme, who have either—

- a) Obtained MBBS or BVSc degree (during 2007 or later) from a recognized University/Institution with one year experience or obtained MD /MVSc degree (during 2008 or later; experience is not essential). **OR**
- b) Obtained 2 years M.Phil degree from a recognized University/Institution with minimum Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than the 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where the M.Phil dissertation is not graded or grading is not based on 10 point scale, are required to forward a copy of their M.Phil. dissertation alongwith the Application Form for the purpose of assessment of their credentials;

OR

- c) at least 2 years research experience in reputed institutions with research publication(s) in peer reviewed/indexed journals (NOT review articles or popular articles or papers in the proceedings) comparable to M.Phil. standard. In addition, they should have obtained Master's Degree with FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.

- (ii) **Pre-Ph.D Programme:** Master's degree or equivalent from recognized University/Institution in any branch of biological sciences/MBBS/ BVSc./B.Pharm. with at least 55% marks.

13. CENTRE FOR THE STUDY OF LAW AND GOVERNANCE

The Centre for the Study of Law and Governance adopts a multidisciplinary approach to framing research and teaching on the challenging relationship between law and governance. The study of Governance, in its various forms and at different sites is central to several contemporary issues: reform of public institutions and public law; the creation and establishment of procedures and rules that lead to greater efficiency, transparency, and accountability; and the challenge of making governance more inclusive and participatory through the strengthening of democracy and civil society. The program's interdisciplinary focus is distinctive from mainstream social science approaches to governance or law in its attempt to explore how practices of law and governance are embedded in political, economic, social and historical processes; how practices of governance are dispersed over various sites ranging from government, bureaucracy, judiciary, community to the family, the socio-legal processes that deter or provide access to justice; and notions of governmentality, sovereignty and rights in specific politico-jural regimes. While the Centre's academic programme produces scholarly research on law and governance, it also seeks to translate theory into practices of governance by initiating debate, sharing research and encouraging dialogue between the academia, government, civil society and NGOs at local, national and global levels. The ongoing research by the faculty and research students, a working paper series published by CSLG, an active seminar program and annual lectures by distinguished guests mark the other activities of the Centre. CSLG offers an M.Phil./Ph.D. program as well as a direct admission to Ph.D. programme.

The main research foci of the Centre are as follows:

Globalisation and governance: institutions of global governance, multilateral institutions, international trade and environmental regimes, and their impact on national sovereignty.

Democracy and civil society: the role of civil society in deepening democracy and in the processes of governance; accountability and legitimacy of governing institutions; mapping civil society in India; citizenship and human rights.

State institutions and governance: multi-layered governance, including local governance; civil service reform and new public management; traditional and modern institutions for self-governance, conflict-resolution and the management of natural resources.

Legal framework for development: legal institutions as social and cultural institutions; the political economy of law making; the economic efficiency and social principles underlying legal reasoning; the impact of the legal framework and legal processes on the rights, entitlements and social opportunities of citizens; the rule of law, access to justice; the relationship between the public and the private sector (including privatization, regulatory regimes and deregulation) relationship between legal and economic development.

(A) PROGRAMMES OF STUDY:

The Centre offers a Direct admission to Ph.D. programme as also an M.Phil./Ph.D. Programme.

(i) Direct Admission to Ph.D. Programme: Given its inter-disciplinary orientation, the Centre welcomes applications from scholars with M.Phil. degree in Political Science, Economics, Sociology, and Law. Those who do not have an M.Phil. degree should provide evidence of equivalent published work in the intended area of specialisation.

(ii) M.Phil./Ph.D. Programme in Law and Governance: The objectives of the M.Phil./Ph.D. Programme in Law and Governance include the following:

- * To prepare candidates for doctoral research in public policy and socio-legal research that is not limited by uni-disciplinary training.
- * To provide an inter-disciplinary perspective on the study of law and governance, by introducing the basic concepts, debates and the now extensive literature on governance and legal issues, emanating from the disciplines of political science, economics, public administration/public policy, sociology and jurisprudence.
- * To equip students with the skills necessary to undertake research in areas of public policy, including a special focus on the legal implications of these issues, by developing their expertise in these diverse disciplinary areas, and so to enable a more complex and multi-faceted approach to issues of governance, public policy and law.
- * To acquaint the qualified practitioner – policy-maker, civil servant, Lawyer or NGO worker --with the major issues in this area.

The M.Phil. programme is a two-year/four-semester programme of study from which students may move on to the doctoral programme provided they meet the minimum grade requirements laid down by the University. The M.Phil. programme consists of 3 compulsory courses; 3 optional courses; and a dissertation. Each course carries 3 credits, and the course requirements are to be completed in the first two semesters of the programme. The dissertation carries 10 credits and is to be completed by the end of the fourth semester.

The notable features of the M.Phil. Programme are:

- * its multi-disciplinary orientation in both course design and teaching plan;
- * its substantive academic content;
- * its distinctiveness when compared to available courses in other Indian Universities; and
- * its coherence as a programme of study with a policy-orientation.

(B) ELIGIBILITY FOR ADMISSION

(i) Direct Admission to Ph.D. Programme

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/Research Institution with minimum

Final Grade Point Average (FGPA) of 6.00 in 10 point scale/comparable standard where the grading is based on system other than 10 point scale. The candidates who have obtained M.Phil. degree from a University/Institution where dissertation is not graded or grading is not on 10-point scale, are required to forward a copy of their M.Phil. dissertation along with the Application Form for the purpose of assessment of their credentials; 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 FGPA of 6.00 in the 10 point scale/comparable standard or equivalent percentage.

(ii) **M.Phil./Ph.D.**

Master's degree in Law, Political Science, Public Administration, Economics, Sociology, History, Philosophy and cognate areas/disciplines with 55% marks; or 60% marks in any branch of natural science.

III. RESERVATION OF SEATS FOR SC/ST/OBC CANDIDATES

22.5% (15% for SC and 7.5% for ST) seats in each Programme of Study are reserved for Scheduled Caste/Scheduled Tribe candidates respectively. **All Scheduled Caste/Scheduled Tribe candidates who have passed the qualifying examination are eligible to appear in the entrance examination irrespective of their percentage of marks.** 27% seats are reserved for OBC candidates (non creamy layer).

IV. RESERVATION OF SEATS FOR PHYSICALLY CHALLENGED (HANDICAPPED) CANDIDATES

3% of the seats are reserved for the Physically Challenged (Handicapped) candidates in all the programmes of study. **The Physically Challenged (Handicapped) candidates, who have passed the qualifying examination are eligible to appear in the entrance examination irrespective of their percentage of marks.**

Such candidates would be considered for admission only to those fields of study/disciplines where their physical disability is not considered as a hindrance in pursuing the course of study.

A candidate, in order to be eligible for any concession/benefits under the Physically Challenged (Handicapped) category, should have minimum degree of disability to the extent of 40% . Further that the certifying authority in all such cases will be a medical board at the district level consisting of the Chief Medical Officer/Sub-Divisional Medical Officer in the District and another expert in the specified field viz. Ophthalmic Surgeon in the case of visually challenged (handicapped) and ENT Surgeon or an Audiologist in case

of speech and hearing challenged (handicapped), an Orthopaedic Surgeon or a Specialist in Physical Medicine and re-habilitation in case of locomotor challenged (handicapped). The person having Physical Disability will be verified by Medical Board of University as per rule applicable at the time of admission. The person having hearing disability will be referred to AIIMS or any govt. hospital for verification since JNU does not have audiometry facility as per rules applicable at the time of admission.

IVA. GUIDELINES FOR PROVIDING WRITER TO THE BLIND CANDIDATES

1. Writers will be provided to the blind candidates taking Entrance Examination as per guidelines indicated below:
 - i) a student of not higher than 11th class for a blind candidate taking Entrance Examination to the first year of 3-year B.A, (Hons.) programme .
 - ii) a student of not higher than B.A. first year or equivalent for blind candidate taking Entrance Examination for Master's Degree programme.
 - iii) a student of not higher than M. A. (Previous) or equivalent for a blind candidate taking Entrance Examination to the M.Phil/ Ph.D. programme.
2. **Blind candidates who have been provided with a Writer may be given an additional time of 90 minutes.**

V. DEPRIVATION POINTS

Deprivation points (**upto a maximum of 10 points**) will be provided to the candidates of the following categories:

- i. **All candidates who have passed and/or are appearing in the qualifying examination prescribed for admission to the concerned programmes of study from :**

.....Quartile 1 Districts..... 05 points

.....Quartile 2 Districts..... 03 points

(Please note that the deprivation points will not be awarded on the basis of domicile status of the candidates.)

Lists of districts drawn from each state in the form of Quartile 1 & Quartile 2 by using the following three parameters are listed below for information of intending candidates :

1. Literates as percentage of total population (excluding child population in the age group 0-6 years) as per the provisional figures of the Census of India 2001.
2. Non-agricultural workers (main and marginal) as percentage of total (main +marginal) workers (as per the provisional figures of the Census of India 2001), and
3. Agricultural productivity per hectare (averaged over 1997-98 and 1998-99).

Note: Candidates hailing from Districts of Quartile 1 or 2 (The Districts in which the candidates reside) and have passed and /or appearing in their respective qualifying examination **through Distant Education Programme** are also eligible for award of deprivation points 05 or 03, as the case may be. They should indicate the State, District and District Code under column No.14 of the Application Form . They should also indicate in Column No. 21 that they have passed and/or appearing in the qualifying examination through Distant Education Programme.

- ii. All Kashmiri Migrants are eligible for grant of 05 deprivation points on production of registration documents from the notified authorities certifying their Kashmiri Migrant Status.
- iii. The following Defence Categories are eligible for 05 deprivation points on production of documentary proof:
 1. Widows/Wards of Defence personnel **killed in action**;
 2. Wards of Serving personnel and ex-servicemen **disabled in action**;
 3. Widows/Wards of Defence personnel **who died in peace time with death attributable to military service**; and
 4. Wards of Defence personnel **disabled in peace time with disability attributable to military service**.
- iv. All female candidates are eligible for 05 deprivation points.

District Code	District Name
JAMMU & KASHMIR	
Quartile-1	
1012	Rajauri
1001	Anantanag
1014	Udhampur
1002	Badgam
1003	Baramula
Quartile-2	
1007	Kathua
1006	Kargil
1009	Leh(Ladakh)
JHARKHAND	
Quartile-1	
1106	Garhwa
1109	Gumla
1102	Chatra
1108	Godda
1114	Palamu
1112	Lohardaga
1105	Dumka
1115	Pashchimi Singhbhum
1107	Giridih
1113	Pakaur
Quartile-2	
1118	Sahibganj
1103	Deoghar
1117	Ranchi
1110	Hazaribagh
1111	Kodarma
KARNATAKA	
Quartile-1	
1214	Gulbarga
1206	Bijapur
Quartile-2	
1201	Bagalkot
1222	Raichur
1219	Koppal
1205	Bidar
1202	Bangalore Rural
MADHYA PRADESH	
Quartile-1	
1412	Dindori
1422	Mandla
1440	Sidhi
1402	Barwani
1420	Jhabua
1443	Umaria
1436	Shahdol
1435	Seoni
1427	Panna
1431	Rewa
1401	Balaghat
1403	Betul

District Code	District Name
MADHYA PRADESH	
Quartile-1	
1414	Guna
1406	Chhatarpur
1439	Shivpuri
1429	Rajgarh
1441	Tikamgarh
1444	Vidisha
Quartile-2	
1416	Harda
1434	Sehore
1433	Satna
1421	Katni
1438	Sheopur
1409	Datia
1407	Chhindwara
1437	Shajapur
1411	Dhar
1408	Damoh
1426	Neemuch
1404	Bhind
1428	Raisen
1413	East Nimar
1423	Mandsaur
1425	Narsimhapur
MAHARASHTRA	
Quartile -1	
1510	Gadchiroli
1522	Osmanabad
1506	Bid
1521	Nashik
1501	Ahmadnagar
Quartile-2	
1516	Latur
1520	Nandurbar
1512	Hingoli
1514	Jalna
1527	Sangli
1530	Solapur
1528	Satara
1523	Parbhani
1505	Bhandara
1511	Gondiya
1508	Chandrapur
1509	Dhule
1507	Buldana
1504	Aurangabad

District Code	District Name	District Code	District Name
MANIPUR		ORISSA	
Quartile-1		Quartile-2	
1607	Tamenglong	2018	Kendujhar
Quartile-2		2020	Koraput
1602	Chandel	2030	Sundargarh
MEGHALAYA		2009	Dhenkanal
Quartile-1		2001	Anugul
1707	West Khasi Hills	2012	Jagatsinghapur
Quartile-2		RAJASTHAN	
1704	Ri Bhoi	Quartile-1	
MIZORAM		2205	Barmer
Quartile-2		2211	Churu
1805	Lunglei	2219	Jalor
1808	Serchhip	2220	Jhalawar
NAGALAND		2204	Baran
Quartile-1		2203	Banswara
1905	Phek	2214	Dungarpur
1906	Tuensang	2231	Tonk
1904	Mon	Quartile-2	
Quartile-2		2210	Chittaurgarh
1907	Wokha	2223	Karauli
1903	Mokokchung	2221	Jhunjhunu
ORISSA		2225	Nagaur
Quartile-1		2229	Sikar
2021	Malkangiri	2232	Udaipur
2023	Nabarangapur	2228	Sawai Madhopur
2022	Mayurbhanj	2206	Bharatpur
2016	Kandhamal	2209	Bundi
2005	Baudh	2222	Jodhpur
2015	Kalahandi	2212	Dausa
2025	Nuapada	2218	Jaisalmer
2024	Nayagarh	2226	Pali
2011	Ganjam	2208	Bikaner
2026	Puri	2227	Rajsamand
2003	Baleshwar	2202	Alwar
2008	Debagarh	SIKKIM	
2017	Kendrapara	Quartile-1	
2010	Gajapati	2304	West
2029	Sonapur	2303	South
2002	Balangir	TAMILNADU	
2006	Bhadrak	Quartile-2	
2028	Sambalpur	2422	Thiruvarur
2027	Rayagada	TRIPURA	
ORISSA		Quartile-2	
Quartile-2		2403	South Tripura
2004	Barghar	UTTAR PRADESH	
Quartile-1		Quartile-1	
Quartile-1		2565	Siddharthnagar
Quartile-1		2510	Balrampur
Quartile-1		2511	Banda

District Code	District Name
UTTAR PRADESH	
Quartile-1	
2545	Lalitpur
2564	Shravasti
2544	Kushinagar
2557	Pratapgarh
2548	Mahoba
2530	Gonda
2566	Sitapur
2531	Gorakhpur
2508	Bahraich
2519	Chitrakoot
2509	Ballia
Quartile-2	
2568	Sultanpur
2567	Sonbhadra
2532	Hamirpur
2547	Maharajganj
2569	Unnao
2535	Jalaun
2549	Mainpuri
2536	Jaunpur
2533	Hardoi
2561	Sant Kabir Nagar
2512	Barabanki
2558	Rae Bareli
2505	Auraiya
2521	Etah
2539	Kannauj
2525	Fatehpur
2520	Deoria
2529	Ghazipur
2540	Kanpur Dehat
2522	Etawah
2563	Shahjahanpur
2524	Farrukhabad
2504	Ambedkar Nagar
2506	Azamgarh
UTTARANCHAL	
Quartile-1	
2601	Almora
UTTARANCHAL	
Quartile-2	
2613	Uttarkashi
2602	Bageshwar
2610	Rudraprayag
2611	Tehri Garhwal
2604	Champawat
2606	Garhwal
2603	Chamoli
2609	Pithoragarh

District Code	District Name
WEST BENGAL	
Quartile-2	
2717	Uttar Dinajpur
2715	Puruliya
2709	Koch Bihar
2704	Dakshin Dinajpur
UNION TERRITORIES	
Quartile-2	
2901	Dadra and Nagar Haveli

Note: Reservation and Benefit of deprivation point are given on the basis of particulars furnished by the candidates in the relevant column of the application form. In case of failure to produce documentary evidence at the time of admission/registration, the candidate will be declared as ineligible for admission. In case of submission of false information by the candidate, his/her admission will be cancelled, ipso-facto.

VI. TRAVEL CONCESSION

The University endeavours to attract students from all over the country. With this objective in view all outstation candidates called for viva-voce on the basis of written entrance examination for admission to various programmes of study will be paid second class rail fare (both ways by shortest route from the place from where they are called for viva-voce i.e. mailing address given in the Application Form) for the distance over and above 300 kms, **on production of valid train tickets**. The fare for the first 300 kms. each way shall be borne by the candidates themselves. **Candidates wishing to claim reimbursement of fare are advised to retain with them Train/Bus ticket(s). Candidates invited to viva-voce from a distance of less than 300 kms. including local ones shall not be reimbursed Train/Bus fare under any circumstances.**

VII. LIBRARY

The Central Library, JNU is one of the most modern and well equipped university libraries in the country committed to meet the information needs of the students, researchers and faculty members. It is a nine-storey tower building and has a carpet area of about one lakh sq. ft. It is situated in the midst of the academic complex of the University and is the hub of all the academic activities. All the Reading Halls are air-conditioned. Entire library is connected through LAN & WI-FI. All the Schools, Centres and administrative offices of the University are connected to Library Data Server.

Timings: The Library remains open from 9.00 a.m. to 8.00 p.m. throughout the year and during the examination days, the working hours are extended up to 12 midnight for 45 days in

each semester. However, the Reading Room and Textbook Section remain open up to 12 midnight throughout the year except on Sundays. The General Reading Hall is being kept open round the clock throughout the year. It is closed on three National Holidays and Holi festival.

The Library is using Virtua, Integrated Library Management Software (VTLS) for housekeeping jobs in different sections viz. Processing Section, Periodicals Section, Documentation Section, Readers' Services Section, Humanities Division, Science Division and in Issue/Return.

Collection: The Library has a total collection of 5.68 lakhs, which includes books, serials, non-book materials etc. The collection is housed subject-wise on different floors under three major streams i.e. Social Sciences, Humanities and Sciences. It also subscribes to 900 +journal titles.

Databases available in Central Library

The Library has subscribed to 26 online databases which provide access to 10,000+ full text journals. Besides, access to 7,500+ full text scholarly electronic journals from 23 publishers across the globe is available, under the UGC-INFONET Digital Library Consortium. Many new online databases – ProQuest, Lexis Nexis, and Newspaper Display have been added to the collection of e- resources. Besides, eBooks from the various publishers such as Cambridge, Oxford, Net Library, Springer, etc. have also been procured and introduced. Online Public Access Catalogue (OPAC) can be accessed through the following link: <http://jnuonlinecatlog.jnu.ac.in:8000/cgi-bin/gw/chameleon/>.

Cyber Library

Cyber Library is located at the Ground Floor with 200 Computers for the students and research scholars to access the available online resources. OPAC browsing facility is available on the Ground floor of the Library. Faculty Publications and Information Browsing Unit has been established in the Reference Hall at the Ground Floor. ETD Lab. and Language tools are some of the new initiatives being planned under Cyber Library.

Helen Keller Unit

In order to meet the special needs of the Visually Challenged students of the University, a separate Unit named Helen Keller has been established in the Reading Hall at the Ground Floor. Twenty four computers and scanners have been installed with screen reading and speech software to facilitate visually challenged scholars in their studies. All the students have been provided Digital Voice Reorders. Laptops are also issued to the master level and PhD level visually challenged students of the University.

Electronic Theses and Dissertations (ETD)

The JNU library has over 18600 theses and dissertations of Humanities, Social Sciences & Sciences. It has digitised 5, 500 Ph.D. Theses with 14, 40,000 pages, for creating Electronic Theses and Dissertation Archive. The creation of metadata of Ph.D. Theses is under process. Now, the work of digitization of approximately 10,000 M.Phil Dissertation/Theses with 18,00,000 pages is in process. Once the work of digitization is complete, the full text M.Phil/Ph.D. Theses will be available through JNU Web OPAC 24x7.

Online Press-Clippings

The press clipping information service was stated in 1974 in the JNU Library to cater to the information requirements of the faculty and scholars of School of International Studies on topical issues. It collects all important, relevant and up-to-date news items, editorial comments and articles on developments in the international and bilateral relations, political, economic, socio-cultural, environmental issues etc. At present, the clippings are collected from 21 national and international newspapers of English language. The press clippings collection consists of over 7.5 lacs newspaper articles, which are readily accessible to the JNU Academic Community through the JNU Library Press Clippings WEB OPAC.

EXIM Bank- The Exim Bank Library, part of Central Library has a special collection of 14,167 Economics books and 2735 back volumes of 56 journals. On-line Public Access Catalogue (OPAC), loan, reference and photocopying facilities have been provided to the users of Exim Bank Library.

Other Branch Libraries:

- Archives on Contemporary History of India.
- Centre for Historical Studies Library.
- Centre for Political Studies Library.
- Centre for Law and Governance Library.
- School of Computer and System Sciences Library.
- Academic Staff College Library.
- SIS Reading Hall
- Besides, many Centres/Schools have their own libraries under the DSA Programme.

For more details regarding library collections, services and rules & regulations, please visit us at <http://www.jnu.ac.in/Library/default.htm>

VIII. FELLOWSHIPS/SCHOLARSHIPS/ AWARDS

UGC-CSIR Junior Research Fellowships:

Only those candidates will be eligible for the award of fellowships who qualify in the national level test conducted by the University Grants Commission/CSIR and other similar test for award of Junior Research Fellowship as per the norms of the relevant organization.

UGC-Scholarships and Fellowships

The University Grants Commission invites applications for the award of various Scholarships and Fellowships every year for the candidates pursuing higher studies in Universities./Colleges. The details of the schemes are available at UGC website www.ugc.ac.in.

State Government Fellowships:

Some of the States of the Indian Union have instituted at the School of International Studies one or two fellowships for scholars coming from their respective States. Some State Governments have also provided contingency grants.

The general terms and conditions governing the award of these Governments fellowships are given below:

1. The fellow must devote his whole time to approved courses of research and study at the University.
2. He shall not accept or hold any appointment paid or otherwise or receive any emolument, salary, stipend, etc. from any other source during the tenure of the award. Junior Research Fellows with the consent of the Guide/Head of the Department may assist the University/Institution in its teaching programmes, if called upon to do so, including tutorials, evaluation of test papers, laboratory demonstration work, seminar, symposia, etc. provided that such work undertaken by him/her is not likely to hamper his own research programme on hand.
3. He shall obtain prior permission of the University for appearing at any examination conducted by any other University or public body.
4. The fellowship shall be terminated at any time if the progress and conduct of the fellow is found to be unsatisfactory.
5. The fellowship shall ordinarily be tenable for a period of one year in the first instance but may be renewed for the second, third and fourth years if the student continues to maintain satisfactory progress. However, a research fellow who has displayed research ability but not completed his work may be considered for extension of fellowship for a further period of one year at the end of four years period.

Merit-cum-Means Scholarships:

A number of Merit-cum-Means scholarships are available for deserving and meritorious students whose parent's/guardian's income does not exceed Rs. 1,00,000/- per annum or as may be laid down from time to time. The payment of scholarships will be governed by the rules in force in the University from time to time.

Ford Foundation Scholarships:

A limited number of Ford Foundation Scholarships of the value of Rs. 700/- per month are available for students of the M.A. Programme of the School of International Studies. The Scholarships will be awarded purely on merit subject to the proviso that at least half of them will go to female students.

In addition, the following Endowments (Scholarships)/Fellowships/ Awards are also available to students pursuing studies in the University:

Scholarships/Fellowships:

1. **Okita Memorial Fellowship** - There are two Fellowships each of the value of Rs.5000/- p.m. with an annual contingency grant of Rs.10,000/- awarded by the ICCR on the recommendation of the University for 2 years. This is open to meritorious Indian students in JNU who are registered for M.Phil/Ph.D. and MA 2nd year programme in various Centres of SIS/SLL&CS/SSS pursuing studies/research in any of the areas of specialization bearing on Japan or on India's Relations with Japan.
2. **G Parthasarathi Endowment Fellowship** – There are four Fellowships including the one in Memory of Late

Chandrasekhar Prasad the student leader in JNU of Rs.1000/-p.m., each awarded to students initially for a period of one year, renewable by another year on the basis of academic performance, to students coming from economically weaker sections of society, particularly Scheduled Caste/Scheduled Tribe/Backward Class, and Physically Challenged (Handicapped) students.

3. **Australian High Commission Fellowship** – There is Scholarship of Rs. 3500/- per month plus annual contingency grant of Rs.6000/-. The Fellowship is awarded to a Ph.D. student for a period of two years working on a subject concerning Australian Study in the Centre of CSCSEA&WPS/SIS.
4. **Special Fellowships for SC/ST and PH students** - Four Fellowships are awarded @ Rs.12000/- p.m.(for one semester or two semesters) for students hailing from deprived sections of society i.e. Scheduled Caste/Scheduled Tribe and Physically Challenged (Handicapped) with a view to preparing them for taking up teaching and/or research as career. These fellowships are to be used for most deserving among them who have completed two years of Ph.D. or after having completed M.Phil. are on the verge of completion of Ph.D.
5. **Dr. Sheila Zurbrigg Fellowship** –This one time assistance of a maximum of Rs. 2000/- is awarded to one deserving student of the Centre of Social Medicine and Community Health, School of Social Sciences.
6. **Tendulkar Scholarship** – This Scholarship of Rs.400/- p.m. is awarded for a period of two years to 2 students of various Centres of School of Social Sciences by rotation.
7. **Prof. Nurul Hasan Scholarship** – Two Scholarships of Rs.1500/- p.m. each are awarded for a period of one year to students of second year M.A./M.Sc./MCA students with the highest CGPA at the end of the first year, one of which shall be for Social Science subjects and the other for Science subjects, for promotion of education and other Ideals and values for which Prof. Hasan worked during his lifetime.
8. **Jawahar Bhawan Trust Scholarship**- These Scholarships are of the value of Rs.1000/-p.m. awarded to 10 students for a period of one year (covering two semesters) and may be renewed for subsequent semester(s) subject to the condition that the student maintains CGPA of 5.5 at the end of third semester of MA/M.Sc. and fifth semester in case of MCA.
9. **Prof. M J K Thavaraj MCM Scholarship** –There are 2 Scholarships of worth Rs.300/- each p.m. and Rs.2000/- as contingency are awarded on merit to M.A. (Economics) first year students of School of Social Sciences.
10. **Nippon Foundation (Japan)**- Two Fellowships are awarded every year out of the endowment of US\$ 1 million given by Nippon Foundation. The fellowship holders will enjoy this prestigious Fellowship for a period of 3 years at the rate of Rs.15000/- per month. At a given point of time from third year onwards, six

students of M.Phil./Ph.D. programme will be awarded the Fellowship.

11. **Korea Foundation(Korea)** - Two Fellowships of Rs.10000/- per month plus Rs.20,000/- contingency for the first two years and senior Fellowship of Rs.12,000/- per month and contingency of Rs.20,000/- per annum for the subsequent two years are awarded to the M.Phil./Ph.D. students. Two Fellowship of Rs.2000/- per month each for a period of two years to M.A. students and two Scholarships of Rs.1000/- per month each for a period of two years are awarded to Undergraduate Students.
12. **Com. H L Parwana Research Stipend** - Com. H L Parwana Research stipend of Rs.5000/- per month is awarded to M.Phil. student of School of International Studies or School of Social Sciences working in the areas of Banking, Trade Union and Allied Areas.
13. **Fox International Fellowship of Yale University** - Annually awarded to one or two students of M.Phil./Ph.D. programme in any of the following fields: economics, finance, political science, international relations, law and contemporary history. They should therefore have completed 3 semesters of M.Phil./Ph.D./Direct Ph.D. programme but should not have completed more than 6 semesters of the said programme.
14. **Swamy Pranavananda Memorial Research Fellowship** - Awarded annually to a M.Phil. student pursuing studies for promotion in the Indian Philosophy, Culture and Civilization.
15. **DS Gardi Sanskrit Scholarships** - Annually awarded to two M.A. students of Sanskrit Studies for a period of two years. These scholarships are awarded on the basis of performance of the students in the first semester.
16. **Dr. Prafulla K. Pani Research Fellowship** - This short-term fellowship of @ Rs. 8000/- p.m. will be awarded to only one student at a time for pursuing research at Special Centre for Molecular Medicine in the relevant areas of molecular medicine.
17. **Posco Fellowship** - Awarded cash prize in Indian Rupees equivalent to US\$500/- (approximately) to 10 under graduate meritorious students every year in Korean language programme of the CJKNEAS/SLLCS on the basis of selection at Centre/School level.
18. **Prof. Gouri Shankar Singhal Merit Scholarship** - One scholarship to M.Sc. (SLS) 2nd year student value of Rs.1000/- per month for one year who obtained highest CGPA at the end of third semester to be selected at school level on the basis firstly of merit and secondly of need.

Awards:

1. **The President of India Gold Medal** – This Gold Medal and Certificate is awarded annually to one student adjudged best for excellence in academic performance literary activities, music, participation in hostel life, sports, good character and conduct.
2. **Dr. Arpita Mishra Award** - Annual certificate of Merit cum cash award of Rs.5000/- is awarded to the best

M.Phil. (Linguistics) student on completion of his/her course work every year.

3. **Rafael Iruzubieta Award** – Cash awards are awarded annually to the best 2 MA students of Spanish Studies, SLL&CS. The cash prize for the awardees will be determined on the availability of funds/interest accruing the endowment.
4. **A N Bhat Memorial Prize** – Cash prize of Rs.5000/- is awarded annually to the most meritorious student of third semester of MA (Economics) programme of School of Social Sciences based on his/her performance in the 1st year of MA Programme.
5. **Vimla Saran Gold Medal** – A Gold Medal is awarded annually to one student of MA (Chinese) in SLL&CS.
6. **Sajjad Zaheer and Razia Zaheer Award** – Award money plus certificate are awarded every year for one male and one female MA Urdu literature student with the best performance in MA first year. The interest amount for a particular year will be equally divided into two parts one for male and other for female student.
7. **Juhi Prasad Award** – Cash prize of Rs.2000/- is awarded annually to the best girl student of B.A. in Spanish in the the Centre of Spanish, Portuguese, Italian & Latin American Studies, of School of Language, Literature and Culture Studies.
8. **Devendra Kumar Gupta Award** – Gold Medal plus Certificate is awarded annually to one B.A. student of the Centre of French and Francophone Studies of School of Language, Literature and Culture Studies.
9. **School of Physical Sciences Gold Medal:** This Gold Medal is awarded selectively for outstanding performance in the M.Sc.(Physics).
10. **Ranjan Roy Memorial Prize:** The Centre for Economic Studies and Planning awards the Ranjan Roy Memorial Prize (worth Rs. 6000/-) to the best student completing the M.A. (Economics) programme from the Centre.
11. **Prof. T K Oommen Cash Award** - Awarded annually to a topper student of M.A. Sociology who qualify the said programme.
12. **Prof. K J Mahale Cash Award** - Awarded annually to a topper student of M.Phil. (French).
13. **Award of Prof. S Marcandane Memorial Gold Medal-** A Gold medal and a certificate is awarded annually to topper student of M.A. (French) programme.
14. **Ms. Kanu Priya Bharadwaj Memorial Award:** - A Gold Medal and a certificate is awarded annually to the best M.A. student of the School of Arts & Aesthetics.
15. **Pande Medal-** A Gold Medal and a Certificate of Merit, instituted by Prof H.C Pande (retired), are awarded annually to the Best Student of B.A (Hons) of the Centre of Russian Studies of SLL&CS.
16. **Smt Jaswant Kaur Khurana merit Award** - An award of Rs.15000/- lumpsum and a Gold medal is awarded every year to the student of Life Sciences obtaining highest rank at the conclusion of the M.Sc. and M.Phil./Ph.D. programme on the basis of selection at School level.

Each fellowship and award will be operated as per the terms & conditions attached to it from time to time.

Applications for the above Fellowships/Scholarships/Awards are invited from registered and eligible students every year through Chairpersons of Centres/Deans of Schools and are awarded on the recommendations of the Committees constituted for the purpose. **Details can be had from Room No.020 (Ground Floor) Scholarship/Fellowship Section, Administration Block, J.N.U., New Delhi – 110067.** There is also a provision for students coming from weaker sections of society under the "Earn as you Learn" scheme.

IX. FACILITIES FOR FIELD WORK

The University facilitates (subject to the availability of funds and foreign exchange) field work by students engaged in research programme if the nature of the project or non-availability of adequate source material necessitates on-the-spot study and investigation. The area to be visited by the scholars and the period of field trip is determined on merit according to the requirements in each case.

X. HOSTEL FACILITIES

It is important to note that in view of the limited hostel accommodation, the candidates should clearly understand that the grant of admission to a full-time programme of study in the University would not ensure allotment of hostel accommodation. Accommodation will be offered to the eligible applicants subject to availability. Candidates admitted to Part-Time programmes of study are not eligible for hostel accommodation and no request for out of turn allotment of hostel on medical ground will be entertained..

1. All selected students who need hostel accommodation will be required to apply in the prescribed application form obtainable from the Office of the Dean of Students. Admission in the hostel is in accordance with the merit secured in the Entrance Examination held by the University in the respective programmes of study. **The last date for receipt of application form for hostel allotment is 18th August.**
2. **Upto 22.5% (15% for SC and 7.5% for ST) and 3% of the seats in the hostels are reserved for the SC/ST and Physically Challenged(Handicapped) candidates respectively.** All SC (Boys and Girls) except residents of Delhi will be provided hostel. In view of the fact that almost all those OBC who apply for hostel will get a seat sooner or later depending upon availability of hostel accommodation. However, 50 seat for boys and 50 seat for girls will be available for preferential allotment to OBC students on the basis of their merit list.. The SC/ST/PH students are exempted from payment of hostel fee (room rent). This is applicable only to those SC/ST/PH students who are not in receipt of any fellowships/ scholarships and whose parents/guardians income is below Rs. 1,00,000/- per annum.

3. The criteria for allotment of hostel accommodation by the University is as under :

First Priority

- (a) Students admitted to a full-time programs in the current year, who have passed their qualifying examinations from places outside Delhi and are not resident of Delhi except those who are admitted to a program at a level at which the student already has a degree or has pursued studies in JNU at the same level with hostel accommodation.
- (b) Students who are not from Delhi but have passed their qualifying examinations from Delhi and stayed in recognized University/College hostel, subject to their furnishing documentary evidence from the Head of the Institution regarding the details of their stay.
- (c) Students who have passed their qualifying examinations from Delhi by making their own private arrangement for accommodation, but at the same time do not have their family/official residence of parents in Delhi, provided they submit satisfactory proof such as address proof and other related documents which shows that they belong to other states.

List of documents to be furnished along with application form (original documents should be submitted at the time of hostel allotment).

- (i) Residence certificate issued by BDO/SDM/ Tehsildar or any other competent authority and at least two of the following documents showing the permanent address of the applicant (a) Domicile certificate issued by the competent authority (b)Valid Passport (c)Voter ID (d)Aadhaar Card
- (ii) Students having completed their qualifying degree in Delhi must submit proof of residence i.e. as mentioned at (i) and hostel certificate etc.
- (iii) If there is a gap period between the last degree obtained and admission to the current course is more than one year the applicant will have to submit an affidavit about status during the gap period.
- (iv) Those students, whose parents/guardians are transferred outside Delhi or retired from service and vacated the official residence will have to submit satisfactory documentary evidence to this effect from their employer.

Provided that in case an applicant fails to furnish the relevant documentary evidence, as mentioned above, at the time of submitting the application for hostel admission, but submit the same after the hostel accommodation process started, his/her priority will be considered by the Dean of Students on the merit of the case and his decision shall be final. If any documents submitted by the applicant found to be fake the hostel allotment will be withdrawn immediately and no fees paid will be refunded and also appropriate disciplinary action will be taken.

Second Priority

Outstation students who are admitted to a programme at a level at which the student already has a degree or

has pursued studies in JNU (at the same level) with hostel accommodation.

Third Priority

The applicants who do not come under Priority I and II Category, may be considered for the semester if hostel seats are available after the allotment of Priority I and II students are over.

4. Current Hostel Charges are as follows :

(i) (To be paid at the time of admission to hostel):	Payable in Hostel
Admission Fee	Rs. 5.00
Hostel Security (refundable)	Rs. 50.00
Mess Security (Refundable)	Rs.1200.00
Mess Advance (Adjustable)	Rs.1500.00
(ii) Annual Charges :	
Newspapers	Rs. 15.00
Crockery, Utensils etc.	Rs. 50.00
Room rent for two semesters (recoverable in two instalments)	
Single Seated	Rs. 240.00
Double Seated	Rs. 120.00
For Students on MCM Scholarships	
Single Seated	Rs. 180.00
Double Seated	Rs. 90.00
Establishment Charges (recoverable in two instalments of Rs. 510/- each Semester)	Rs. 1020.00

(Note: The Hostel charges are subject to revision from time to time)

5. Mess advance of Rs. 1500/- will be payable in the hostel at the time of admission. Actual mess charges will have to be paid by 24th of the following month.
6. Students who are admitted to the hostel are required to join the mess. The mess offers simple meals at moderate rates which may vary from time to time depending on the cost of the meals served.
7. **Hostel residents are expected to observe the rules and regulations prescribed for them as well as all the requirements of corporate life and the social norms that living together demands.**
8. Failure to observe discipline or violation of rules may make a student liable to disciplinary action which may result in the withdrawal of hostel facilities.
9. In case it is found at any later stage that incorrect information has been furnished or some material facts have been concealed, the student is liable to eviction from the hostel besides such other action which the University may deem fit to take against him/her.

XI. UNIVERSITY HEALTH CENTRE

Location: University Health Centre (UHC) is located about 300m from the north gate on South West of Ganga Hostel.

Staff: Dean of Students is the head of the Department. The staff of the University Health Centre (UHC) comprises of CMO (NFSG), I/C Health Centre, CMO (SAG) and Medical Officer. Part time doctors for General OPD, Specialists, a

Homoeopathic Physician, a Staff Nurse, Pharmacists, a Senior Technical Assistant, a Technical Assistant and other supportive staff functions under the overall supervision and administrative control of the Chief Medical Officer (NFSG), I/C Health Centre. It also has staff for control for mosquito-borne-disease.

JNU is an educational institute has its own Health Centre with modest medical facility. Students who wish to avail additional facilities are advised to obtain medical insurance cover or any other medical coverage at their own expenses to meet expenses on hospitalization, consultation in OPD of any hospital, investigation etc.

OPD Services:

1. Doctors of the University Health Centre provide primary health care. The student can just walk in for consultations and treatment.
2. Specialist: Consultations with the specialists in Internal Medicine, Psychiatry, ENT, Ophthalmology, Dentistry, Skin, Orthopedic, Gynecology and Cardiology are available at the U.H.C.
3. Homoeopathic Physician provides services in homoeopathic system of medicine.
4. Medicines are provided free of cost to students from the pharmacy of the Health Centre as per university rules.
5. Laboratory facility provides spectrum of routinely available Hematological, Biochemical and Microbiology tests.
6. Routine Immunization (only for tetanus).
7. Referral services to public hospitals for specialized treatment/hospitalization and other services which are not covered by the U.H.C.
8. Medical examinations for academic pursuits in the University.
9. The facilities (wife and children only) of married students can avail of such medical facilities as are available at the Health Centre on payment of medical fees for the family. They are provided with medicines which are available in the Health Centre. The student may contact the Health Centre to get further information. In case of spouse of female student medical facility is provided up to the age 25 years or till they start earning. Whichever may be earlier.
10. When the Health Centre is not open, all the patients are advised to go to government hospital or any other hospital. No reimbursement is permissible for students as per UGC norms.

Ambulance:-An ICU Ambulance is available at the Health Centre for 24 hrs. With paramedic and a doctor is also available at night from 9 P.M. to 8 A.M. with the ambulance. Another vehicle is also available for transportation of patients, which is an ordinary transport vehicle.

Services not covered:

1. Dental services like making of denture, root canal treatment etc.

2. Medical examination/certifications for employment outside JNU, Insurance, legal and other non-academic purpose.
3. Laboratory tests and X-ray for purpose other than diagnosis and treatment.

Timing: The University Health Centre functions from 8 a.m. to 2 p.m. and 4 p.m. to 9 p.m. on all working days from Monday to Saturday. In the Evening the part time doctors provide services and essential medicines are provided to meet the immediate needs of the students. Holi, Diwali, Sundays and National Holidays presently are observed as closed holidays, Health Centre functions between 8 a.m. to 2 p.m. on GAZETTED holiday.

Health Service Fee: Payment of health service fee of Rs.9/- per annum is compulsory for all full time students Rs.12/- are payable by the students for medical booklets at the time of registration.

Medical Facilities for Foreign Students: Foreign Students are extended medical facilities at par with the Indian Students. The Foreign Student who wishes to avail of nursing home/private hospital facilities may obtain medical insurance cover at their expense to meet medical expenses on hospitalization etc.

For New Admission:

- (i) **For Foreign Students:** Minimum one lakh insurance cover will be mandatory for Foreign Students. They will be required to submit the copy of policy at the time of admission.
- (ii) **Indian Students:** Indian Students who are admitted to JNU in future are advised to take insurance cover of one lakh at least or more if desired.

All these records/information shall be maintained in the office of Dean of Students.

For already Registered Foreign Students of JNU: Foreign Students who are already registered in JNU should also get a medical insurance cover and submit the relevant documents latest by 31st August, failing which they will not be allowed to register in the following semester i.e. winter semester.

Health Education: Health Education is an integral part of University Health Service.

General Policy Regarding Confidentiality: Personal and medical histories of the patients are treated with utmost confidentiality. Notification to the parents and others is generally considered to be the responsibility of the students unless the condition of the student is serious or he/she is unable to assume responsibility for informing his/her parents. OPD Card/Health Booklets with details of prescription remains with the patient/students.

Health Advisory Committee: Student representation on the Health Advisory Committee provides a liaison between the provider and the users of the service. The committee assesses, recommends programmes for development of services for benefit of the students.

XII. UNIVERSITY EMPLOYMENT, INFORMATION AND GUIDANCE BUREAU

Under the auspices of Delhi Administration, the University has an Employment, Information and Guidance Bureau. The Bureau helps the JNU alumni in seeking employment besides providing vocational guidance. Specifically, the objectives of the Bureau are:

- i) to register students alumni of this University for full-time and part-time jobs, consistent with their educational qualifications and job preferences;
- ii) to sponsor the names of those registered as and when vacancies are flashed by the Delhi University Employment Exchange, Central Employment Exchange of the Ministry of Labour and the exchanges/agencies;
- iii) to maintain the record for the registered students during their stay at JNU.

Under a decision of the Delhi Administration the Bureau registers and sponsors names of JNU students on the basis of graduate degrees obtained prior to joining JNU. This should help a much larger number of JNU students in getting jobs through the Bureau.

XIII. (A) GAMES AND SPORTS

A student, at the University level is aware of the importance of physical activities and organised Sports and Games programmes which should be combined with his/her academic pursuits. JNU provides the basic facilities for such activities in terms of the sport fields/courts and also playing equipment, both for practice and competitions.

The University's Sports Office is located in the Sports Stadium, and is being looked after by one full-time Deputy Director and one Asst. Director of Physical Education. Presently the following games are organised under the framework of a club, with an elected Convener. Athletics, Badminton, Basketball, Cricket, Chess, Volleyball, Mountaineering & Trekking, Wt -Lifting, Power-Lifting & Body Building, Taekwondo, Football, Tennis, Table-Tennis & Yoga. The election of the Convener is normally done in September each year. Annual competitions in all games are conducted by the Club with the help of the Sports Office.

An incentive scheme to promote excellence in sports exists in the University whereby students achieving excellence at the Inter-University, State or National competitions are given cash awards & University Blazer/Track Suit, to acknowledge the skill of outstanding sports persons as also to place on record the appreciation of the University for the contribution made by such students.

The University offers SPORTS FELLOWSHIP to students who play at State and National Level as also for securing top three positions. The fellowship is given for one full academic year and has been received by a number of students in the past.

Each Hostel has separate facilities for recreation which

includes outdoor courts for Badminton and Volleyball as also facilities for indoor games like Table - Tennis, Chess, Carrom, etc. Each hostel gets an annual grant towards recreation and is spent by the Hostel Committee in consultation with Warden (Recreation).

The Sports Office also runs a Yoga Centre under a UGC Scheme where Yoga Classes are held both in the morning and evening. In addition workshops, special lectures, demonstrations and short courses are also conducted throughout the year.

XIII. (B) CULTURAL ACTIVITIES

Cultural activities among the student community on the campus are promoted through various cultural clubs namely : Debating, Drama, Film, Fine Arts, Literary, Music, Nature and Wild Life, Photography, UN and UNESCO. Each club functions under the supervision of the elected students conveners and the members of their executive committee who are elected every year by the student members of the respective clubs. Only a nominal annual fee is charged to enable a large number of students to become members of clubs that they are interested in. A student can hold membership of more than one club.

XIII. (C) POLICY AGAINST SEXUAL HARASSMENT

The University is committed to the providing a place of work and study free of sexual harassment, intimidation or exploitation. It is expected that all students, faculty, staff, karamcharis and officials will treat one another and visitors to the University with respect. All members of the University community, including those who are in temporary or short-term positions are subject to this policy. Anyone violating this policy is subject to disciplinary action. Reports of sexual harassment are taken seriously and are dealt with promptly.

XIII. (D) ANTI RAGGING POLICY OF THE UNIVERSITY

In order to prohibit, prevent and eliminate the scourge of ragging, the University has implemented the regulations notified by the University Grants Commission on curbing the Menace of Ragging in Higher Educational Institutions, 2009 in view of the directions of the Hon'ble Supreme Court of India. The students found guilty of ragging are awarded punishment as prescribed in the UGC regulations. All candidates selected for admission will be required to submit an Affidavit from their parents. A format of Affidavit is given in the prospectus.

XIV. FEES AND MODE OF PAYMENT

Candidates selected for various programmes of study will be required to pay the following fees :

“A” Indian Nationals

	M.Phil./Ph.D. Pre-Ph.D./Ph.D. M.Tech./Ph.D./ MPH/Ph.D.	M.A./M.Sc./ M.C.A. B.A.(Hons.)	Part Time
	Rs.	Rs.	Rs.
--- Tuition Fee (Annual)	240.00***	216.00***	120.00
--- Sports Fee (Annual)	16.50	16.50	16.50
--- Literary & Cultural Fee (Annual)	16.50	16.50	16.50
--- **Students' Union Fee (Annual)	15.00	15.00	15.00
--- Library Fee (Annual)	6.00	6.00	6.00
--- Medical fee (Annual)	9.00	9.00	---
--- Medical Booklet	12.00	12.00	---
--- Students Aid Fund (Annual)	4.50	4.50	---
--- *Admission Fee	5.00	5.00	5.00
--- *Enrolment Fee	5.00	5.00	5.00
--- *Security Deposit (Refundable)	40.00	40.00	40.00
--- Identity Card Folder	10.00	10.00	10.00
--- Student Hostel and General Information Guide	15.00	15.00	---

The fees are subject to revision

* To be paid at the time of Enrolment in the University.

** In terms of Statute 33 of Statutes of the University, membership of any students' organisation shall be voluntary.

*** To be realised in two instalments.

Students shall deposit tuition fee: (i) First Instalment at the time of admission; (ii) Second instalment at the time of registration in the Winter Semester i.e. January. Annual Fees shall be paid at the commencement of each academic year.

In the event of student being enrolled simultaneously for a full-time course and one part-time course, he will be charged, in addition to all the fees and other charges for the full-time course, only the tuition fee in respect of part-time course.

No tuition fee will be charged from the dependents of Leprosy Affected Persons (LAPs)

If a student does not pay the fees on time, a fine shall be levied as per rules of the University.

“B” Foreign Nationals

For M.Phil./Ph.D., Pre-Ph.D./Ph.D., M.Tech./Ph.D., MPH/Ph.D., M.A., M.Sc., MCA, B.A.(Hons.) and Part-Time Programmes of study:

- | | |
|------------------------|---|
| i) Tuition Fee | : (a) @ US \$ 750 per semester for courses in science disciplines;
: (b) @ US \$ 500 per semester for courses in humanities and social sciences; |
| ii) Incidental charges | : @ US \$ 100 per semester will be charged from both the above categories. |

Note:

- (1) Name of the defaulter, which shall be put up on the Notice Board, shall be removed from the rolls of the University.
- (2) No request for fee waiver will be considered.

XV. FREESHIPS

Limited number of free student-ships are available to needy and deserving Indian students as per University rules.

XVI. STUDENTS' AID FUND

The University has instituted "Students Aid Fund" out of the contributions from the students and staff of the University and collections from other sources. The objectives of the fund are :

1. to render financial assistance to the poor and deserving students for payment of tuition fees, examination fees, purchase of text-books, stationery etc.
2. to meet any other need of the students considered to be genuine by the freship committee of the School concerned;

Provided that the funds shall not be utilized for award of scholarships/fellowships or stipends or for payments of prizes, rewards etc. to students.

A student requiring financial assistance shall apply in the prescribed form, (through the Chairperson of the Centre), to the Dean of the School. Application for a loan may be made in the same form, (through the Chairperson of the Centre and the Dean of the School), to the Dean of Students.

THE G. PARTHASARATHI ENDOWMENT FUND FOR ECONOMICALLY WEAKER SECTIONS - The University has created a Fund called "The G. Parthasarathi Endowment Fund for Economically Weaker Sections" for providing financial assistance to students coming from economically weaker sections of society including SCs/STs/Backward Classes and Physically Challenged (Handicapped) students. Students belonging to the above categories and who are not in receipt of any scholarship/fellowship or financial assistance from any other sources are eligible to apply for financial assistance, loan or advance out of the above fund and their requests shall be considered subject to availability of funds so as to help the needy students.

XVII. SEMESTERS AND VACATIONS

- (i) Monsoon Semester - 22 July to 5 December 2013
- (ii) Winter Semester - 6 January to 12 May 2014
- (iii) Winter Break - 6 December 2013 to 5 January 2014
- (iv) Summer Vacation - 13 May 2014 to 21 July 2014

XVIII. CERTIFICATES AND OTHER DOCUMENTS REQUIRED AT THE TIME OF VIVA VOCE AND ADMISSION

1. **Certificates and documents required to be submitted by candidates for admission to M.Phil./Ph.D., Pre-Ph.D./Ph.D., MPH/Ph.D and M.Tech/Ph.D., at the time of viva-voce examination.**
 - (i) Testimonials from two persons one of whom should be a former teacher of the candidate;
 - (ii) A complete list of subjects/papers taken by the candidate for the certificates/degrees mentioned at 2(d) below;
 - (iii) A copy of at least one of the published papers of the candidate, if any, which he/she considers to be the

most representative of his/her intellectual interest and ability.

- (iv) A brief note (one copy) stating the candidate's area of specialised interest of research, if any, and his future professional goals, and such other additional information that may help his/her selection to the programme of study.
 - (v) A research proposal of around 500 words is to be submitted by the candidate at the time of viva-voce.
2. **Certificates and documents required to be submitted by all candidates selected for admission to various programmes of study at the time of admission/registration.**
 - a) Twelve copies of recent passport size photographs;
 - b) Two copies of the Matriculation, Higher Secondary, Pre-University or Indian School Certificate or Senior School Certificate (10+2) or an equivalent examination certificate, showing the age/date of birth of the candidate duly attested by the Principal of the College/School last attended or a Gazetted Officer;
 - c) A Character Certificate from the Head of the Institution last attended;
 - d) Two attested copies of the statement of marks obtained by the candidate in Senior School, Bachelor's Degree/Master's Degree examination etc; or their equivalent examination.
 - e) Two attested copies of the Bachelor's degree and/or Master's Degree;
 - f) **For SC/ST Candidates:** Two attested copies of SC/ST Certificate in the prescribed format (page 79) issued only by an officer not below the rank of Magistrate/Tehsildar in support of their claim for admission against the reserved quota.
 - For PH Candidates:** A Medical Certificate issued by a Competent Medical Authority indicating the nature and extent (including percentage) of Physical Disability in support of their claim for admission against reserved quota.
 - g) **OBC candidates:** Two copies of OBC Certificate issued by District Magistrate/Deputy Commissioner in the prescribed format (Page 78)
 - h) **Migration Certificate (in original) from the Head of the Institution/University last attended:**
 - (i) All those candidates who have passed their qualifying examination prior to 2013 must produce the Migration Certificate from the University from where they have passed their qualifying examination at the time of admission/registration failing which they will not be granted admission.
 - (ii) Candidates who have passed their qualifying examination in 2013 and are not in a position to submit the Migration Certificate at the time of admission, should submit the same as early thereafter as possible, but not later than six weeks after the commencement of the Monsoon Semester, failing which the University reserves the right to cancel their admission.

- i) The admission of candidates who have passed their qualifying examination from a Foreign University will be subject to their qualification being found equivalent to the qualifications prescribed by the University.
- j) **The candidates, enjoying employed status and selected for admission to any programme of study in the University, are required to produce LEAVE SANCTION/RELIEVING ORDER AT THE TIME OF ADMISSION/ REGISTRATION from their employer for the duration of the programme permitting them to pursue their studies at the University, failing which the offer of admission shall stand withdrawn.**

Important : The candidates, will be allowed to register only **IN PERSON**. The candidates are also required to produce all originals of the above certificates/documents for verification at the time of registration/admission. In the absence of any of the original certificates/documents, registration/admission shall not be allowed. The original certificates of the candidates will be retained by the University for a period of one semester.

XIX. ADMISSION PROCEDURE FOR FOREIGN STUDENTS

All Foreign students present in India will be required to appear in the entrance examination subject to their fulfilling minimum eligibility requirement as prescribed for Indian students. However, in the event of their selection they will be considered for admission subject to equivalence of their degrees and they will have to produce the following documents:

1. Student's Visa
2. Medical Certificate prescribed, if any, by the Government of India.
3. Insurance for Rs.1.00 lakh (minimum)

Candidates already in India during entrance examination will not be considered for admission in absentia and they will have to go through the process of entrance examination for admission to various programmes of study.

XX. ELIGIBILITY OF CANDIDATES WHO ARE DUE TO APPEAR IN THE QUALIFYING EXAMINATION

The candidates who are due to appear in their respective qualifying examination prescribed as eligibility for admission to a particular programme **before 14th August, 2013** may appear in the entrance examination at their own risk and on the clear stipulation that in the event of their selection they will be entitled to admission **only if they have secured the minimum prescribed percentage of marks in their qualifying examination and they submit all documents including final marks-sheets of qualifying examination before the deadline fixed for registration.**

XXI. ADMIT CARD FOR ENTRANCE EXAMINATION

The candidates may download their Admit Card from the University's website: www.jnu.ac.in around 10th May 2013 and take the Admit Card to the Examination Centre with a copy of latest passport size photograph.

Permission to appear in the entrance examination is subject to the candidate's fulfilling minimum eligibility requirements prescribed for admission to the concerned programme of study and as notified in the Prospectus. The candidate may therefore appear in the entrance examination only if he/she fulfils the eligibility requirements for the programme for which the admission is sought. Despite this caution, in case any candidate who does not meet the minimum eligibility criteria prescribed for the concerned programme and appears in the entrance examination shall do so at his/her own risk and cost, and if at any stage, it is found that the candidate does not fulfil the minimum eligibility requirements, the admission, if granted, shall be cancelled ipso facto.

The University representative(s) shall be available at the Examination Centre before the commencement of the examination and a candidate not able to download the Admit Card and is facing problem is advised to get in touch with the University Representative or the Presiding Officer of the Centre in order to avoid any last minute inconvenience. **Only those candidates will be allowed to appear for Entrance Examination whose names appear in the Roll List available with the JNU Representative(s). University assumes no responsibility whatsoever in the event of failure to report on the due date and time by the candidate for appearing in the Entrance Examination.**

XXII. TIME-TABLE FOR ADMISSION

1.	Start of Online Application process	7th February, 2013
2.	Issue of offline Application Forms (by Post)	7th February, 2013
3.	Last date for issue of offline Application Forms (by Post)	11th March, 2013
4.	Closing of online Application Process	23rd March, 2013
5.	Last date of submission of completed offline or printed copy of the online Application Form to reach JNU	28th March, 2013
6.	Date of Entrance Examination (Time-Table given at the end)	18th, 19th, 20th & 21st May 2013
7.	Declaration of result of written examination for B.A. (Hons.) 2nd year, M.A. (Foreign Languages), M.Phil./Ph.D., Pre-Ph.D./Ph.D., M.Tech./Ph.D., MPH/Ph.D., COP & ADOP(Mass Media) (for programmes where viva is prescribed)	by 26th June, 2013
8.	Viva-Voce of candidates selected on the basis of written test	by 12th July, 2013 (Tentative)
9.	Publication of merit list for admission to various programmes of study	
	i) where viva voce is not prescribed (B.A. (Hons.) 1st year, M.A. (except Foreign Languages), M.Sc. & MCA)	Latest by 12th July, 2013
	ii) where viva voce is prescribed (B.A. (Hons.) 2nd year, M.A. (Foreign Languages), M.Phil./Ph.D., Pre-Ph.D./Ph.D., M.Tech./Ph.D., MPH/Ph.D., COP & ADOP(Mass Media)	Latest by 22nd July, 2013
10.	Registration of candidates selected for admission	
	i) For B.A.(Hons.) 1st year	17th to 19th July & 29th to 31st July, 2013
	ii) For M.A.(except Foreign Languages), M.Sc., MCA	22nd to 24th July & 29th to 31st July, 2013
	iii) For B.A. (Hons.) 2nd year, M.A. (Foreign Languages), M.Phil./Ph.D., Pre-Ph.D./Ph.D., M.Tech./Ph.D., MPH/Ph.D. and JRF	25th to 31st July, 2013
	iv) For Part Time	6th and 7th August, 2013
	v) For Direct admission to Ph.D.	8th to 14th August, 2013
	vi) For Direct admission to Ph.D. for Winter Semester	6th to 8th January, 2014
11.	Last date for payment of fees. (Such of the selected candidates who are not in a position to join the programme by stipulated date i.e. 31st July, 2013 owing to non-declaration of their result but submit their acceptance alongwith the Bank Draft of the required amount by 31st July, 2013 will be permitted to complete their registration requirements on or before 14th August, 2013.)	31st July, 2013
12.	Release of Second List, if any, wherever required as per the admission policy of the University (Candidates are advised to check the list on the website of the University)	By 2nd August, 2013
13.	Registration of Second List	5th to 14th August, 2013
14.	Deadline for Admission/Registration	14th August, 2013

Note :

- The application forms for Direct admission to Ph.D. programme for Monsoon Semester beginning July 2013 is closed on 15th January, 2013 and for winter semester beginning January 2014, the application form for Direct admission to Ph.D. programme will be available from 2nd September to 14th October, 2013 and last date for submitting the application forms will be 14th October, 2013.
- The lists of candidates invited to viva-voce and in respect of those finally selected for admission shall be displayed on the Notice-Boards of the Administrative Block and will also be available on JNU website (www.jnu.ac.in). Although intimation to this effect is sent to the candidates on their e-mail account and also available on JNU website as well as candidates online application form account, yet the candidates are advised to find out from Notice Board or JNU website (www.jnu.ac.in) or through their own sources whether their names appear in the lists and thereby make timely arrangements to appear for the viva-voce and for joining the programme, as the case may be. **The University will not issue any paper intimation to the candidates. Candidates are advised to regularly check JNU website for updates.**
- It will be in the interest of candidates selected for admission to report for registration and join the programme of study immediately after the commencement of registration process.

**XXIII. GUIDELINES/COURSE
OUTLINES FOR ENTRANCE
EXAMINATION**

A. SCHOOL OF INTERNATIONAL STUDIES

(a) M.Phil./Ph.D. Programme (for all Centres)

Knowledge of International Affairs/Area Studies/ Disciplines (Law, Economics, Political Science) with interest in one or more of the following areas in which facilities are available in the School:

International Politics; International Organisation; Diplomacy and Disarmament, Political Geography; International Legal Studies; International Trade & Development; South Asian Studies; South East Asian & South West Pacific Studies; Central Asian Studies; Chinese Studies; Japanese Studies; Korean Studies; West Asian Studies; African Studies; United States Studies; Latin American Studies; Canadian Studies, European Studies and Russian & Central Asian Studies.

The written test is intended to evaluate the competence of candidates in International Relations, History, Political Science, Economics, International Law and the field/area in which they are seeking admission, and their capacity for analysis and expression.

For International Legal Studies, a background of International Law is essential.

For International Trade and Development the written test would consist of questions on the courses' in standard MA Economics programme, specifically (1) Micro Economics, (2) Macro Economics, (3) Mathematical Economics, (4) International Trade, (5) Economic Development, (6) Statistics and Econometrics, and related disciplines such as environmental economics, banking and finance etc. A knowledge of calculus is essential.

(b) M.A. in Politics (with specialization in International Relations)

The written test is intended to evaluate the knowledge of candidates in Political Science, History and Economics and their general awareness of world affairs. The test is based on essay-type questions.

(c) M.A. in Economics (with specialization in World Economy)

The written test is intended to evaluate the knowledge of the candidates in micro-economics, macro-economics, mathematics and statistics, International trade and some related disciplines, such as public economics and economic development. The question paper will contain multiple choice questions with negative marks for wrong answers (total marks:100) and grading will be computerized.

B. SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES

(a) First year of three-year B.A. (Hons.) programme in Foreign Languages:

Candidates seeking admission to the first-year of the 3 year-B.A. Programme in the School of Language, Literature and Culture Studies shall be examined on the basis of their general language and aptitude test. The questions shall be of objective type, short answers etc. and shall be within the broad spectrum of General Knowledge, General English and Elementary Knowledge on the culture and civilization of the languages/country concerned and aptitude for language skills.

(b) Second year of three year B.A. (Hons.) programme in Foreign Languages:

Question paper for the entrance examination will be set in respective foreign language and answers also are to be given in that foreign language. Adequate proficiency is required in spoken and written language concerned. Knowledge of basic and applied grammar besides some competence for simple translation from the language concerned into English and vice-versa and familiarity with the culture and civilization of the country concerned are also required.

(c) Part Time Programmes:

(1) Candidates seeking admission to Certificate of Proficiency (Part-Time) Programmes of Study in the School of Language, Literature and Culture Studies shall be examined on the basis of general aptitude test. The questions shall be of objective type and shall be within the broad spectrum of General Knowledge, General English.

(2) Candidates seeking admission to Advanced Diploma in Mass Media in Urdu (Part-Time) programme of study in the School of Language, Literature and Cultural Studies shall be examined on the basis of knowledge of Urdu language, literature and basic knowledge of Mass Media. The questions shall be of objective/subjective type and shall be based on above mentioned area.

(d) M.Phil./Ph.D. & M.A. Programmes:

(1) Centre of Persian and Central Asian Studies

(a) M.Phil./Ph.D. in Persian

- i) Proficiency in spoken and written Modern Persian.
- ii) Sound knowledge of Persian Literature

(b) M.A. in Persian

- i) Grammar
- ii) Translation from Persian into English & vice-versa (Newspaper standard)
- iii) Outline of Persian Literature
- iv) Short essay in Persian

(2) Centre of Arabic and African Studies

(a) M.Phil./Ph.D. in Arabic

Good command of Arabic Language and Literature with adequate orientation to Arabic Language and Literature.

Entrance Test is intended to adjudge the ability of the candidate to assess, analyse and evaluate linguistic and literary works and other works related to Arab

Culture and Civilization. The test is also intended to examine the research aptitude of the candidates. Candidates will be required to answer questions on language, literature and Arab Culture & Civilization.

(b) M.A. in Arabic

- i) Grammar
- ii) Translation from Arabic into English & vice-versa (Newspaper standard)
- iii) Outline of Arabic Literature
- iv) Short essay in Arabic

(3) Centre for Japanese, Korean and North-East Asian Studies

(a) M.Phil./Ph.D. in Japanese

- i) Good proficiency in written and spoken language.
- ii) Ability to use original sources for research.
- iii) Familiarity with the literature of the language concerned.
- iv) Familiarity with the history, society and culture of Japan.

(b) M.Phil/Ph.D. in Korean:

- i) Good proficiency in written and spoken language;
- ii) Ability to use original sources for research;
- iii) Familiarity with the literature of the language concerned; and
- iv) Familiarity with the history, society and culture of Korea.

(c) M.A. in Japanese

- i) Grammar
- ii) Short essay on topic of general interest.
- iii) Joyo Kanji
- iv) Translation of passages from Japanese into English & vice-versa (Newspaper standard)
- v) Japanese Society, Culture and Literature

(d) M.A. in Korean

- i) Grammar
- ii) Short essay on topic of general interest.
- iii) Hanja
- iv) Translation of passages from Korean into English & vice-versa (Newspaper standard)
- v) History Society, Culture and Literature of Korea

(4) Centre for Chinese and South-East Asian Studies

(a) M.Phil./Ph.D. in Chinese

- i) Proficiency in written and spoken language
- ii) Ability to use original sources for research
- iii) Familiarity with the literature of the language concerned

(b) M.A. in Chinese

- i) Grammar
- ii) Short essay on topics of general interest
- iii) Chinese characters
- iv) Translation of passages from Chinese into English & vice-versa (Newspaper standard)
- v) History and Culture of China

(5) Centre for French and Francophone Studies

(a) M.Phil./Ph.D. in French

Ability to analyse, assess and give a critical appraisal of theme related to Methodology of Teaching French

as a foreign language, Linguistics, Literature, Translation, Culture and Civilization (France & Francophone Countries)

(b) M.A. in French and Francophone Studies

There are two specializations: 1) Literature; 2) Translation & Interpretation.

All the three sections (Literature; Translation & Interpretation; Language and Civilization) are compulsory for all the candidates seeking admission to M.A. programme. Their entry into the Literature/ Translation & Interpretation specializations will be based on their performance in the written and oral tests.

Questions will be on the following broad areas:

- i) French Literature;
- ii) Translation and Interpretation; Ability to translate and interpret general texts from English into French and vice-versa respecting the structure and the idioms of the two languages;
- iii) French Civilization: familiarity with the general framework of French History, Geography and Institutions of France.

(6) Centre of German Studies

(a) M.Phil./Ph.D. in German

The research programme for the M.Phil./Ph.D. degree broadly encompasses the following areas:

- i) 20th century German Literature in socio-historical perspective.
- ii) Specialised problems of theory of literature and sociology of literature in comparative contexts.
- iii) Reception of German literature in the Indian context - also with reference to problems of translation.
- iv) Contrastive linguistics studies
- v) Theory and practice of translation
- vi) Applied Linguistics & Foreign Languages Didactics with special reference to German as target language.
- vii) German as a Foreign Language and Multilingualism.

The written test is intended to evaluate the aptitude and competence of candidates seeking admission to the M.Phil./Ph.D. programme on the basis of their knowledge in the areas of German language, literature, social history, culture and civilization of German speaking countries, Theory of Literature and Translation, linguistics and didactics of German as a foreign- language corresponding to M.A. level.

(b) M.A. in German

Candidates seeking admission to the M.A. programme are expected to possess knowledge of German language equivalent to Oberstufe and knowledge of culture and civilization of German speaking countries, history of German literature of B.A. (Hons) level as well as ability to linguistically analyze and translate general texts from German into English and vice-versa.

(7) Centre of Indian Languages

(a) M.Phil./Ph.D. in Hindi & Urdu

Candidates will be examined in the following areas: Concepts of literary criticism; problems of

historiography of respective literatures; social contexts of different literary periods; modern Literatures thought and ideologies; research aptitude (through appreciation of modern text).

(b) M.Phil./Ph.D. in Tamil

Candidates will be examined in the following areas:

1. Tamil Language, Literature and Grammar.
2. Concepts of classical and modern literary criticism.
3. Problems in the historiography of literature including diaspora literature and folklore.
4. Comparative literature and translation
5. Tamil Manuscriptology.

(c) M. Phil./Ph.D. in Hindi Translation

Candidates will be examined in the following areas: Theories in Translation and practical Translation/ Research Methodology and Intercultural Communications.

(d) M.A. in Hindi and Urdu

Candidates will be examined for their knowledge of main literary trends, authors and texts of respective literatures and for their ability to do critical appreciation of a given text.

(8) Centre of Russian Studies

(a) M.Phil./Ph.D. in Russian

Good command over Russian Language; sound knowledge of theoretical aspects of language and the History of their development, particularly in the proposed field of research; ability to analyse and sustain scientific argument.

(b) M.A. in Russian

Good proficiency in written and oral expression in Russian : Basic knowledge about Russian and Soviet Literature, theory of literature, Phonetics and Introduction to Linguistics, ability to translate newspaper material.

(9) Centre of Spanish, Portuguese, Italian and Latin American Studies

(a) M.Phil./Ph.D. in Spanish

The candidates are expected to be proficient in the language. In addition they ought to possess a good knowledge of the important movements and authors of Spanish and Latin American literature, besides being well versed in the history, culture and civilization of the Spanish speaking countries. The students are also expected to have knowledge of problems of translation.

(b) M.Phil. in Portuguese

The candidates are expected to be proficient in the language. In addition they ought to possess a good knowledge of the important movements and authors of Portuguese and Brazilian literatures, besides being well versed in the history, culture and civilization of the Portuguese speaking countries. The students are also expected to have knowledge of problems of Translation and linguistic differences between Portuguese speaking regions.

(c) M.A. in Spanish

The candidates are expected to have a fair degree of proficiency in the written and oral expression of the

language. The candidates will also be expected to be familiar with the history of Spanish and Latin American literature, as also of the history, culture and civilization of the Spanish speaking countries.

(10) Centre for Linguistics

(a) M.Phil./Ph.D.

Eligible candidates will be examined in the core areas of theoretical, General and Applied Linguistics, speech sciences, Semiotics, Philosophy of Language, Language typology, Syntax, Semantics, Sociolinguistics and Areal Linguistics.

(b) M.A.

Candidates may be examined in: Language aptitude, current language situation in India, information about Indian languages, principles and theories of language structure and its acquisition/learning; language use.

(11) Centre for English Studies

(a) M.Phil./Ph.D.

Candidates will be examined in English Literature, Literature in India and other Third World Countries, Literary Theory (both Western and Indian), Non-Literary and Para-Literary Cultural Forms, and the Relationship between Literature, Culture and Society. The Objective of the test would be to specifically assess the research aptitude of the candidates, and their suitability for a rigorous research programme.

(b) M.A.

Candidates will be examined in English Literature, Literature in India and other Third World Countries, English in India, Literary and Cultural Theories, and Practical Criticism of given literary pieces. The Objective of the test is to select those who demonstrate not just in-depth knowledge of literature and culture, but literary sensibility and a capacity for original thinking.

C. SCHOOL OF SOCIAL SCIENCES

1. Centre for Economic Studies & Planning

(a) M.Phil./Ph.D.

The applicants for the M.Phil./Ph.D. programme will be examined in the topics covered by a standard M.A. Economics programme. These would broadly include Micro-economics; Macro-economics; Economic Development; Indian Economy and Statistical and Mathematical Methods in Economics. The M.Phil. written test (total marks :70) will have only multiple choice questions (with negative marks for wrong answers) and the grading will be computerized.

(b) M.A. in Economics

Applicants will be tested for their analytical abilities and awareness of national and international economic issues of importance at present and in the recent past. Candidates are expected to be familiar with the content of a standard Economics course taught at the B.A. level. Especially for the benefit of applicants without an undergraduate degree in Economics, an enumeration of the areas to be covered is given below:

- (a) (i) Micro-economics (Demand Curves, Price and Income Elasticity of Demand, Cost Curves, Equilibrium of Firm under Perfect Competition and Monopoly)

- (ii) Macro-economics (National Income Theory of Income Determination, Monetary Policy, Trade and Balance of Payments)
- (b) Descriptive Statistics (Mean, Median and Mode, Standard Deviation, Correlation Coefficient), Elementary Probability Theory, Mathematics for Economists (Elementary Algebra, Coordinate Geometry and Elementary Calculus)
- (c) Problems of Economic History, Underdevelopment and Growth:
 - (i) India's Economic Development prior to Independence: India's Planning and Development experience since Independence; Basic indicators of Development.
 - (ii) International Economics Issues of Contemporary Relevance.

The M.A. admission test (total marks :100) will have only multiple choice questions (with negative marks for wrong answers) and the grading will be computerized.

2. Centre for Historical Studies

(a) M.Phil./Ph.D.

Detailed knowledge of Indian History adequate for pursuing research.

(b) M.A. in History

Candidates applying for M.A. (History) programme are allowed to exercise only one option i.e., Ancient History; or Medieval History; or Modern Indian History, and the option so exercised must be clearly mentioned at the appropriate column in the Application Form as well as on the top of the Answer-book supplied to the candidates in the Examination Hall. Candidates may please note that the answer-books carrying more than one option will be considered invalid.

Candidates seeking admission to the M.A. programme in the Centre for Historical Studies will be required to have a broad knowledge of history either directly on the basis of courses taken at under-graduate level in History or indirectly through the historical understanding of discipline in the Social Sciences or Humanities. Questions set for the Entrance Examination will relate to the above and candidates will have choice of discipline and chronology.

The CHS proposes to change the pattern of its M.A. entrance examination from 2011. The question paper worth a total of 100 marks will be divided into three sections. Students will be required to answer questions from all sections. Section 1 will carry 30 marks. It will have one comprehension passage in English and candidates will be required to answer six questions based on the given passage. Section 2 will carry 20 marks. It will have 5 questions covering broad areas of the social sciences and other topical issues of current concern. Candidates will be required to answer 1 question from this section. Section 3 will carry 50 marks. It will have 12 questions covering specific periods/areas of history and candidates will be required to attempt 2 questions from this section.

3. Centre for Political Studies

(a) M.Phil./Ph.D.

Applicants for the M.Phil. programme will be examined

for their analytical ability in topics covered by an M.A. programme in Political Sciences in a written test (total marks:70) and an oral interview. These would broadly include History of Political Ideas, Indian Politics-Institutions, Processes and Policies, International Relations and Comparative Politics.

(b) M.A. in Political Science

The M.A. in Political Sciences continues to be distinctive in its commitment to teaching through lectures and tutorials in order to maintain high standards of excellence in the discipline. Candidates are expected to be familiar with the content of a standard B.A. course in Political Science. Applications will be tested from areas given below:

- (a) Western Political Thoughts
- (b) Indian Government and Politics
- (c) Political Thought in Modern India
- (d) International Relations
- (e) Public Policies in India
- (f) Comparative Government and Politics

4. Centre for the Study of Regional Development

(a) M.Phil./Ph.D.

The question paper of the Centre for the Study of Regional Development shall be in three parts. One part shall consist of questions pertaining to Population Studies, the second pertaining to Geography and third pertaining to Economics. The candidates will be required to attempt questions only from one of these three parts according to their choice as indicated in the application form at the appropriate space provided for the purpose.

(i) Geography (Code : GEO)

This part of question paper will consist of two units:

Unit I

Short objective questions on general principles of physical and human geography and the concept of regional development.

Unit II

Long questions concerning the following sub-fields in Geography :

1. **Physical Geography** : Geomorphology, Oceanography, Climatology, Climate Change, Hydrology, Biogeography, Ecosystems, Natural Resources and Natural Disasters (with special reference to India)
2. **Human Geography** : Population distribution and growth: human settlements, urbanization, migration; rural geography; spatial structure and temporal trends of economic activity social formation and spatial organisation of social groups and communities, Tourism; Agriculture; (with special reference to India)
3. **Recent trends in geographical thoughts.**
4. **Regional Development** : Concepts, strategies of regional development, regional imbalances and levels of regional development in India.
5. **Methods** : Cartographic methods; descriptive statistics and tests of significance, sampling techniques; correlation and regression analysis, geographical information system, remote sensing, GPS.

(ii) Population Studies (Code : POP)

Nature and scope of population studies; sources of demographic data; population growth distribution, and density; population composition; components of population dynamics namely fertility, mortality and migration; Population growth in relation to economic and social development. India's population policy and family planning programme, population theories, Demographic methods (may need the use of scientific calculator) Population, environment and development, Urbanisation, Human habitat, Human ecology, Programs related to Population and Development.

(iii) Economics (Code : ECN)

The Question paper will examine students in the following areas - Micro and Macro Economics at Masters level; Theories of Development and Development Economics; Indian Experience since Independence in the following areas - Macro policy; Agriculture; Industry; Infrastructure; Inequality and Poverty; Public Finance; Trade; Banking and Finance; Social Sector; and Urban Development; Current Economic situation in India, especially with reference to Employment, Consumption & Poverty. Statistics, Simple Linear Econometric models & the problem of Estimation.

(b) M.A. in Geography

The M.A. admission test will carry a total of 100 marks with the unit wise total marks assigned and coverage of topics as indicated below. Unit I will have only multiple choice questions to be answered on OMR sheet.

Unit I (60 marks)**Multiple Choice Questions on:**

1. Geomorphology, climatology, oceanography and biogeography.
2. Human geography, economic geography, political geography, population geography, human ecology and human settlements.
3. Regional geography of India - physiographic divisions, patterns and levels of development of agriculture and industries, growth of population and urbanisation, and socio-cultural diversity.
4. Geographical Information System, Remote Sensing, Cartography, Quantitative Techniques.

Unit II (20 marks)**Short Answer Question on:**

Physical, human, regional geography and geography of India.

Unit III (10 marks)**Question/Questions on**

Cartography - scales and map projections, topographical maps of India, Methods of data representation.

Unit IV (10 marks)**Question/Questions on:**

Statistical Methods - frequency distribution, measures of central tendency and dispersion, Correlation.

5. Centre of Social Medicine & Community Health

There are two separate question papers one for M.Phil./Ph.D. and another for MPH/Ph.D. and carry 70 marks each. These examination are scheduled on two different dates. They consist of short notes and essay-type questions.

(a) M.Phil./Ph.D. programme in Social Science in Health (Code : CSM):

The questions cover the following areas:

- i) Master's level Social Science disciplines.
- ii) Application of Social Sciences to social problems.
- iii) Health and Population Problems and Programmes related to them.

(b) MPH/Ph.D. Programme in Community Health (Code : MPH):

The questions cover the following areas:

- i) Preventive and Social Medicine as taught in MBBS and M.Sc Nursing.
- ii) Community health problems and programmes in India.
- iii) Community health nursing.
- iv) Social dimensions of community health.

6. Centre for the Study of Social Systems**(a) M.Phil./Ph.D.**

1. Major Theoretical Orientations in Sociology such as Structural Functionalism, Structuralism, Symbolic Interactionism, Phenomenology, Marxism, Post -modernism.
2. Methods in social sciences and social research techniques
3. Processes of social change and development in a comparative and cross cultural perspective

(b) M.A. in Sociology

1. The Classical Heritage : Weber, Marx, Durkheim, Pareto
2. Concepts and theories in Sociology
3. Methods of Sociological enquiry
4. Processes of social change and development with special reference to India.

7. Centre for Studies in Science Policy**M.Phil./Ph. D.**

The written test is intended to evaluate the candidate's general awareness in the following areas:

- i) Some basic concepts and perspectives in political science, sociology, economics, history, environment and development studies. It is advisable to study Robert K Merton and Thomas Kuhn (sociology of science); Schumpeter and others for economics of technical change; and some basic understanding of history of science in India.
- ii) Impact of science and technology on Indian society and emerging issues of S&T such as Intellectual Property Rights; Biodiversity; Environment Regulation and Ethics etc; Green, White and Blue revolutions and transformation in society.
- iii) Development of science and technology in India in a comparative perspective with other countries such as USA, W.Europe, Japan, China and East Asia;
- iv) Social relevance of science and technology in India (poverty alleviation, industrialization, employment,

- human resource development, empowerment through science and technology processes and mechanisms);
- v) Understanding of science and society issues in the contemporary period involving issues such as ICT, bio and nanotechnology revolutions, environment and society, new technologies and questions of ethics and equity etc.
- vi) Knowledge about science and technology policy issues related to S&T organisations, funding, etc.

8. Centre for Philosophy

M.Phil./Ph.D.: The applicants for the M.Phil. /Ph.D. programme will be examined in the themes and issues covered in a standard M.A. Philosophy course. The candidates will be tested for their in-depth understanding of philosophical issues, methods and texts. They are expected to be familiar with the debates in contemporary philosophy, and relation of philosophy with other academic discipline.

M.A.: The applicants for the M.A. programme will be examined in the themes and issues studied in a standard B.A. Philosophy course. The M.A. admission test will carry a total of 100 marks and students will be tested from areas of history of philosophy, themes and issues in metaphysics, epistemology, logic, ethics, aesthetics and, social and political philosophy. The purpose of the test is to select such candidates who demonstrate philosophical aptitude, analytical skills and ability for original thinking.

9. Zakir Husain Centre for Educational Studies

M.Phil/Ph.D.

The written test is intended to evaluate the understanding of basic concepts and theories in the fields of Sociology/Economics/History/Psychology. The aptitude for research in education and the capacity for analysis will also be tested.

The question paper is divided into two parts. The first part is meant for all candidates. The second part has five sections : four sections corresponding to questions relating to the four fields of study mentioned above and the fifth section comprising questions of general interest. **A candidate is expected to answer questions from only one of these five sections.**

D. SCHOOL OF LIFE SCIENCES

(a) M.Phil./Ph.D.

The question paper will consist of two parts.

Part A: all the questions shall be of objective multiple choice types and shall be of B.Sc. standard.

Part B: The entire question paper will be of multiple choice type of M.Sc. standard on the subjects of Botany, Zoology, Genetics, Biochemistry, Microbiology, Physics, Chemistry and other areas defining eligibility.

(b) M.Sc. in Life Sciences

The question paper will consist of two parts.

Part A: All the questions shall be of objective multiple choice type of 10+2 science standard.

Part B: All the questions shall be of multiple choice type of B.Sc. standard from the subjects of Botany, Zoology, Chemistry, Physics and other related subjects.

E. SCHOOL OF ENVIRONMENTAL SCIENCES

(a) M.Phil./Ph.D.

All questions would be of the multiple choice type. The question paper will be divided into two parts:

Part A

This will have questions of B.Sc. level from the areas of Physics, Chemistry, Mathematics, Geology, Botany and Zoology.

Part-B This part of the question paper will have questions of M.Sc. level from Physics, Chemistry, Geology, Biology and Environmental Sciences.

(b) M.Sc. in Environmental Sciences

The question paper will be of multiple choice type. The question paper will be in two parts.

Part I: This will have questions from the different areas of Science and Mathematics at the 10+2 level.

Part II: This will have questions in the areas of Physics, Chemistry, Mathematics, Geology, Botany and Zoology at the B.Sc. level.

F. SCHOOL OF COMPUTER AND SYSTEMS SCIENCES

(a) M.Phil./Ph.D. and M.Tech./Ph.D.

The question paper for the entrance examination will consist of multiple choice questions.

Syllabus :

Graduate/Post graduate level Mathematics and Statistics, Graduate/Post -graduate level Computer Science and General Aptitude.

(b) Master of Computer Applications (MCA)

The question paper for the entrance examination will consist of multiple choice questions.

Syllabus:

10+2/Graduate level Mathematics and Probability and General Aptitude and reasoning. About 80% questions will be from mathematics and Probability and about 20% questions from General Aptitude and reasoning.

G. SCHOOL OF PHYSICAL SCIENCES

(a) Pre-Ph.D./Ph.D. in Physical Sciences

The questions (mostly problems) will be from topics covered in B.Sc. and M.Sc. courses of Physics, Mathematics and Chemistry taught in Indian Universities.

(b) Pre-Ph.D./Ph.D. in Mathematical Sciences

The questions will be from topics covered in B.Sc. and M.Sc. courses of Mathematics taught in Indian Universities.

(d) M.Sc. in Physics

Candidates will be tested for knowledge of broad areas of Physics, Physical Chemistry and Mathematics at the B.Sc. (General) level.

H. SCHOOL OF ARTS AND AESTHETICS**(a) M.Phil./Ph.D.**

The test will evaluate the candidate's grasp of methodological approaches, conceptual framework and theory of the arts in the discipline that they wish to specialize in. **(Separate entrance examinations will be held for admission to the following three fields of study i.e. (i) Visual Arts, (ii) Cinema Studies and (iii) Theatre and Performance Studies)**

(b) M.A. in Arts and Aesthetics

Candidates will be required to have broad knowledge of various disciplines of Arts and Aesthetics, especially related to the history, practices and theory of visual cinema and performing art traditions which would broadly include important aspects of painting, sculpture, architecture as well as theatre, dance, music popular culture and the related genres of arts. Though the main focus will be on the traditions of Indian arts, candidates will be expected to have general background in important universal art practices. Two types of questions are to be answered in the three-hour test (1) questions requiring precise and short answers and (2) essay-type questions with specified word limits.

I. SCHOOL OF COMPUTATIONAL AND INTEGRATIVE SCIENCES**i) Pre-Ph.D/Ph.D in Computational biology and Bioinformatics**

All questions would be of the multiple choice type. The question paper will be divided into two parts. Each correct answer will fetch 1 mark and for each wrong answer there will be a deduction of 0.25 marks.

PART A : This will have 20 questions to test the knowledge of basic science. Questions will be on Physics, Chemistry, Mathematics and Biology at the 10+2 level. This Section is compulsory.

PART B: There will be 25 subject specific questions in each on the following six categories i.e a) Biology b) Chemistry c) Physics d) Maths/Statistics e) Bioinformatics and f) Computer Science. The applicant can opt to answer any two categories (i.e. 50 questions) listed above. Questions will be of B.Sc/M.Sc level.

ii) M.Tech in Computational and Systems biology

All questions would be of the multiple choice type. The question paper will be divided into two parts. Each correct answer will fetch 1 mark and for each wrong answer there will be a deduction of 0.25 marks.

PART A: This will have 20 questions to test the knowledge of basic science. Questions will be on Physics, Chemistry, Mathematics and Biology at the 10+2 level. This Section is compulsory.

PART B: This will have 25 subject specific questions each on the following five categories i.e. a) Biology and Bioinformatics b) Chemistry c) Physics d) Maths/Statistics and e) Computer Science. The applicant

can opt to answer any two categories (i.e. 50 questions) listed above. Questions will be of B.E./B.Sc/M.Sc level.

J. SCHOOL OF BIOTECHNOLOGY**Pre-Ph.D./Ph.D.**

The Entrance Examination will cover questions related to Biotechnology, Biochemistry, Life Sciences and Physical Sciences and with adequate choice.

K. CENTRE FOR MOLECULAR MEDICINE**Pre-Ph.D./Ph.D.**

There will be multiple choice type of question related to molecular and cell biology, genetics, medical physiology, biochemistry & microbiology with relevance to human health and diseases. Some questions to evaluate the candidate's general aptitude will also be included.

L. CENTRE FOR SANSKRIT STUDIES**(a) M.Phil./Ph.D.**

The Entrance Test shall be of three hours duration and shall consist of Objective Type/short answer questions as well as essay-type questions. The test will cover the following areas: Indian philosophical systems, Sanskrit literature and poetics, Sanskrit grammar and grammatical theory, modes of disputation and interpretation of texts, Sanskrit linguistics including computational linguistics, Vedic, Upanisadic and Puranic literature and Pali, Prakrit studies

(b) M.A. in Sanskrit

Candidates will be asked questions about Sanskrit language and literature, Indian Philosophical Systems, Sanskrit Poetics and Aesthetics, Sanskrit and Modern Indian Languages, Indian Intellectual and Cultural Traditions in Sociology, Polity and Economy, Architecture, Music, Environmental Studies, Grammar, Logic, Astronomy and Mathematics, Science and Technology, Argumentation and Interpretation, and Role and Place of Sanskrit in Indo European Studies.

Candidates may write their answers in Sanskrit or Hindi or English.

M. CENTRE FOR THE STUDY OF LAW & GOVERNANCE**M.Phil./Ph.D. in Law & Governance**

There will be a written test with essay type questions from the fields of Political Science, Public Administration, Sociology, Economics, and Law. The test will evaluate the candidate's analytical abilities and competence in her/his discipline.

The areas covered by the test will relate to issues such as the following: the changing role of the state; the relationship between the state, market and civil society; civil service reform and the new public management; regulatory regimes; local governance, both rural and urban; the rule of law and access to justice; the social and economic bases of law; and global governance.

XXIV. INSTRUCTIONS FOR COMPLETING APPLICATION FORM

Notes:

- a) Please read the Check List given in the inside front cover of the brochure before and after filling-up the Application Form.
 - b) Please note that there is separate Application Form for applying for Admission to Direct Ph.D. programmes and admission under NET/JRF Category.
 - c) Please fill the form in your own handwriting.
 - d) Please note down your Application Form Number for future correspondence or retain a photocopy of the filled in Application Form.
 - e) The Application Form is to be filled in by the candidate **IN BLACK INK ONLY** giving complete information using capital letters as far as possible. Please read carefully the instructions given hereunder before filling up the form. Refer to the sample of a filled-in Application Form given in the Prospectus. Note especially the right method to darken the bubbles as shown in the Sample Application Form.
 - f) First, write in black ink (using capital letters) the required information in the boxes (wherever provided). Then darken the appropriate bubble corresponding to the letter/numeral underneath each box. What you write in these boxes is only for your guidance and verification that you are darkening the bubble corresponding to the correct letter/numeral.
 - g) If you wish to change a marking, completely cover the darkened bubble with white fluid, and then darken the appropriate bubble.
 - h) Please note that your name, your parent's/guardian's name, and your date of birth should exactly be the same as given in your 10th class or first Board/Pre-University examination certificate. Any deviation, whenever discovered, may lead to cancellation of your candidature.
1. **Name of the Candidate:** Write your name in capital letters as given in your 10th class certificate or your first Board/Pre-University Examination. Write a only one letter in each box. Leave one, **and only one**, blank box between consecutive words of your name. Darken the appropriate bubble underneath each letter of the name. If your name has several initials, leave one bubble blank after each of them.
 2. **Date of Birth :** Darken the bubbles to indicate date of birth exactly same as given in your High School or your first Board Examination in terms of day, month and year. Use numeral 01 to 31 for date, use numerals 01 to 12 for month and use last two digits for the year of birth.
 3. **Gender:** Darken the appropriate bubble.
 4. **Nationality:** Darken the appropriate bubble. In case you are a Foreign National, please indicate the country to which you belong in the space provided.
 5. **Category:** Darken the bubble corresponding to your category/categories as given below. **Your request for change of category subsequent to your submission of Application Form will not be accepted.**

Category	Code
General	G E N
Scheduled Caste	S C
Scheduled Tribe	S T
Other Backward Class (Only Non Creamy Layer) as per Central List	O B C
- 5(a). If you belong to Minority Community, darken the bubble, otherwise leave it blank.
 - 5(b). **PH Category:** If you are a candidate with a minimum of 40% disability, darken the bubble corresponding to your Physical Handicapped category as given below. Otherwise leave it blank.

Hearing Handicapped	:	HH
Orthopadeicaly Handicapped	:	OH
Visually Handicapped	:	VH
 6. If you belong to BPL Category, darken the bubble, otherwise leave it blank.
 - 6(a). If you are a dependent son/daughter of Leprosy Affected Person (LAP) residing in Leprosy colonies, darken the bubble, otherwise leave it blank.
 7. In case you are Kashmiri Migrant, darken the bubble, otherwise leave it blank.
 8. In case you belong to Defence Personnal category (detail as per Chapter V (iii) of Prospectus), darken the bubble,otherwise leave it blank.

9. **State of Domicile:** Mention the code of the state to which you belong (refer to the codes given below). Darken the bubble corresponding to the appropriate numeral in each column.:

State/Union Territory	Code	State/Union Territory	Code
Andaman & Nicobar	0 1	Lakshadweep	1 8
Assam	0 2	Madhya Pradesh	1 9
Andhra Pradesh	0 3	Maharashtra	2 0
Arunachal Pradesh	0 4	Manipur	2 1
Bihar	0 5	Meghalaya	2 2
Chandigarh	0 6	Mizoram	2 3
Chattisgarh	0 7	Nagaland	2 4
Delhi	0 8	Orissa	2 5
Daman & Diu	0 9	Pondicherry	2 6
Goa	1 0	Punjab	2 7
Gujarat	1 1	Rajasthan	2 8
Haryana	1 2	Sikkim	2 9
Himachal Pradesh	1 3	Tamil Nadu	3 0
Jammu & Kashmir	1 4	Tripura	3 1
Jharkhand	1 5	Uttar Pradesh	3 2
Karnataka	1 6	Uttaranchal	3 3
Kerala	1 7	West Bengal	3 4
		Any other place(in India)	3 5
		Foreign Countries	3 6

10. **Programme of Study:** Darken the appropriate bubble corresponding to the programme of study for which you will be taking the Entrance Examination (**Darken only one bubble**).

11. **Choice of Field of Study:** You can opt for appearing in the entrance examination upto a maximum of three fields of study of your choice to be indicated in the same application form in order of preference for admission from among those listed under the programmes of study offered by various Schools/Centres. **If you intend to apply for more than one Field of Study in the same level of programmes but upto three, you need not fill separate application form. If you submit more than one application form for same level of programmes, all your application forms will be outrightly rejected. (However this restriction will not apply to those JRF holder candidates who apply under 'JRF holders category' for admission to M.Phil./Ph.D. & Pre-Ph.D./Ph.D. Programme through viva-voce examination only in Science Schools in addition to admission through entrance examination). The Choices given in the application form should relate to the same level of programmes.** While selecting the Field of Study you should consult the schedule of examination which appears at the end of this Prospectus before indicating your preference with a view to ensure that there is no clash in the entrance examination schedule. The University assumes no responsibility if you, despite caution, have opted for more than one field of study for which the examinations have been scheduled simultaneously. **Please note that option(s) once exercised shall be final and no change of option(s) shall be allowed. The preference wise option given by you at the time of filling in the application form will be kept in view e.g. a candidate who has been selected for a discipline falling under higher preference will have no claim for other preferences of the same level of programme. In other words, if one gets selected in higher preference, he/she will be offered admission only in that.**

For Direct Admission to Ph.D. programme and admission of JRF holders to M.Phil./PH.D., Pre-Ph.D./Ph.D. programmes in Science Schools, the candidates are required to fill in separate Application Form for each Field of Study. **If a candidate is not selected for admission to M.Phil./Ph.D. or Pre-Ph.D./Ph.D. programme through Entrance Examination, he/she shall not be considered for Direct Admission to Ph.D. programme in the same year.**

You should use the following numeral Fields of Study Codes as given below and select up to a maximum of three field of study of the same level of programme. Darken the bubble corresponding to the appropriate numeral as per your preference in each column:

I. M.Phil./Ph.D., M.Tech./Ph.D., Pre-Ph.D./Ph.D., M.P.H./Ph.D. Codes

Name of the School and Centre/Discipline	Field of Study Code
(A) SCHOOL OF INTERNATIONAL STUDIES	
(i) Centre for Canadian, US and Latin American Studies	
1. M.Phil./Ph.D. in Canadian Studies (CANP)	101
2. M.Phil./Ph.D. in United States Studies (USSP)	102
3. M.Phil./Ph.D. in Latin American Studies (LAMP)	103

	Name of the School and Centre/Discipline	Field of Study Code
(ii)	Centre for European Studies M.Phil./Ph.D. in European Studies (EUPP)	104
(iii)	Centre for International Legal Studies M.Phil./Ph.D. in International Legal Studies (ILGP)	105
(iv)	Centre for International Trade & Development M.Phil./Ph.D. in International Trade & Development (ITDP)	106
(v)	Centre for East Asian Studies 1. M.Phil./Ph.D. in Chinese Studies (CHIP) 2. M.Phil./Ph.D. in Japanese Studies (JPIP) 3. M.Phil./Ph.D. in Korean Studies (KOIP)	107 108 109
(vi)	Centre for International Politics, Organisation and Disarmament 1. M.Phil./Ph.D. in International Politics (INPP) 2. M.Phil./Ph.D. in International Organisation (ORGP) 3. M.Phil./Ph.D. in Diplomacy and Disarmament (DADP) 4. M.Phil./Ph.D. in Political Geography (POGP)	110 111 112 113
(vii)	Centre for Russian & Central Asian Studies M.Phil./Ph.D. in Russian & Central Asian Studies (RCAP)	114
(viii)	Centre for South, Central, South-East Asian & South-West Pacific Studies. 1. M.Phil./Ph.D. in South Asian Studies (SASP) 2. M.Phil./Ph.D. in South-East Asian & South-West Pacific Studies (ESSP) 3. M.Phil./Ph.D. in Central Asian Studies (CASP)	115 116 117
(ix)	Centre for African Studies 1. M.Phil./Ph.D. in African Studies (AFSP)	118
(x)	Centre for West Asian Studies 1. M.Phil./Ph.D. in West Asian Studies (WASP)	119
(B)	SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES	
(i)	Centre of Persian and Central Asian Studies M.Phil./Ph.D. in Persian (PERP)	121
(ii)	Centre of Arabic and African Studies M.Phil./Ph.D. in Arabic (ARBP)	122
(iii)	Centre for Japanese, Korean and North-East Asian Studies 1. M.Phil./Ph.D. in Japanese (JAPP) 2. M.Phil./Ph.D. in Korean (KORP)	123 172
(iv)	Centre for Chinese and South East Asian Studies M.Phil./Ph.D. in Chinese (CHNP)	124
(v)	Centre for French and Francophone Studies M.Phil./Ph.D. in French (FRNP)	125
(vi)	Centre of German Studies M.Phil./Ph.D. in German (GERP)	126
(vii)	Centre of Indian Languages 1. M.Phil./Ph.D. in Hindi (HNDP) 2. M.Phil./Ph.D. in Urdu (URDP) 3. M.Phil./Ph.D. in Tamil (TAMP) 4. M.Phil./Ph.D. in Hindi Translation (HTLP)	127 128 129 130
(viii)	Centre of Russian Studies M.Phil./Ph.D. in Russian (RSNP)	131
(ix)	Centre of Spanish, Portuguese, Italian and Latin American Studies 1. M.Phil./Ph.D. in Spanish (SPNP) 2. M.Phil. in Portuguese (PRTP)	132 133
(x)	Centre for Linguistics M.Phil./Ph.D. in Linguistics (LINP)	134

	Name of the School and Centre/Discipline	Field of Study Code
(xi)	Centre for English Studies M.Phil./Ph.D. in English (ENGP)	135
(C)	SCHOOL OF SOCIAL SCIENCES	
(i)	Centre for Economic Studies and Planning M.Phil./Ph.D. in Economic Studies & Planning (ECOP)	136
(ii)	Centre for Historical Studies 1. M.Phil./Ph.D. in Modern History (MODP) 2. M.Phil./Ph.D. in Medieval History (MEDP) 3. M.Phil./Ph.D. in Ancient History (ANCP)	137 138 139
(iii)	Centre for Political Studies M.Phil./Ph.D. in Political Studies (POLP)	140
(iv)	Centre for the Study of Regional Development M.Phil./Ph.D. 1. Population Studies (POPP) 2. Geography (GEOP) 3. Economics (ECNP)	141 142 143
(v)	Centre of Social Medicine and Community Health 1. M.Phil/Ph.D. Programme in Social Sciences in Health (CSMP) 2. MPH/Ph.D. Programme in Community Health (MPHP)	144 145
(vi)	Centre for the Study of Social Systems M.Phil./Ph.D. in Social Systems (SOCP)	146
(vii)	Zakir Husain Centre for Educational Studies M.Phil./Ph.D. in Educational Studies (EDUP)	147
(viii)	Centre for Studies in Science Policy M.Phil./Ph.D. in Studies in Science Policy (SSPP)	148
(ix)	Centre for Philosophy M.Phil./Ph.D. in Philosophy (SPHP)	149
(D)	SCHOOL OF ENVIRONMENTAL SCIENCES M.Phil./Ph.D. 1. Research Area I (ONEP) 2. Research Area II (TWOP) 3. Research Area III (THRP) 4. Research Area IV (FORP)	153 154 155 156
(E)	SCHOOL OF COMPUTER & SYSTEMS SCIENCES 1. M.Tech/Ph.D. (MTCP) 2. M.Phil./Ph.D. (SCSP)	157 158
(F)	SCHOOL OF LIFE SCIENCES M.Phil./Ph.D. in Life Sciences (SLSP)	159
(G)	SCHOOL OF PHYSICAL SCIENCES 1. Pre-Ph.D./Ph.D. in Mathematical Sciences (MATP) 2. Pre-Ph.D./Ph.D. in Physical Sciences (PHYP)	160 161
(H)	SCHOOL OF ARTS & AESTHETICS M.Phil./Ph.D. a) Visual Arts (VSAP) b) Theatre and Performance Studies (TPSP) c) Cinema Studies (CNSP)	163 164 165
(I)	SCHOOL OF COMPUTATIONAL AND INTEGRATIVE SCIENCES 1. Pre-Ph.D./Ph.D. in Computational Biology and Bioinformatics (CBBP) 2. M.Tech. in Computational and Systems Biology (MSBP)	166 167
(J)	SCHOOL OF BIOTECHNOLOGY Pre-Ph.D./Ph.D. in Biotechnology (SBTP)	168
(K)	CENTRE FOR MOLECULAR MEDICINE Pre-Ph.D./Ph.D. in Molecular Medicine (CMMP)	169

	Name of the School and Centre/Discipline	Field of Study Code
(L)	CENTRE FOR SANSKRIT STUDIES M.Phil./Ph.D. in Sanskrit (SANP)	170
(M)	CENTRE FOR THE STUDY OF LAW & GOVERNANCE M.Phil./Ph.D. in Law & Governance (CLGP)	171

II. M.A./M.Sc./M.C.A. Codes

	Name of the School and Centre/Discipline	Field of Study Code
(A)	SCHOOL OF INTERNATIONAL STUDIES	
(i)	M.A. in Politics (with specialization in International Relations) (PISM)	201
(ii)	M.A. in Economics (with specialization in World Economy) (EILM)	202
(B)	SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES	
(i)	Centre of Persian and Central Asian Studies M.A. in Persian (PERM)	203
(ii)	Centre of Arabic and African Studies M.A. in Arabic (ARBM)	204
(iii)	Centre for Japanese, Korean and North-East Asian Studies 1. M.A. in Japanese (JAPM) 2. M.A. in Korean (KORM)	205 206
(iv)	Centre for Chinese and South East Asian Studies M.A. in Chinese (CHNM)	207
(v)	Centre for French and Francophone Studies M.A. in French and Francophone Studies (FRNM)	208
(vi)	Centre of German Studies M.A. in German (GERM)	209
(vii)	Centre of Indian Languages 1. M.A. in Hindi (HNDM) 2. M.A. in Urdu (URDM)	210 211
(viii)	Centre of Russian Studies M.A. in Russian (RSNM)	212
(ix)	Centre of Spanish, Portugese, Italian and Latin American Studies M.A. in Spanish (SPNM)	213
(x)	Centre for Linguistics M.A. in Linguistics (LINM)	214
(xi)	Centre for English Studies M.A. in English (ENGM)	215
(C)	SCHOOL OF SOCIAL SCIENCES	
(i)	Centre for Economic Studies and Planning M.A. in Economics (ECOM)	216
(ii)	Centre for Historical Studies 1. M.A. in Modern History (MODM) 2. M.A. in Medieval History (MEDM) 3. M.A. in Ancient History (ANCM)	217 218 219
(iii)	Centre for Political Studies M.A. in Political Science (POLM)	220
(iv)	Centre for the Study of Regional Development M.A. in Geography (GEOM)	221
(v)	Centre for the Study of Social Systems M.A. in Sociology (SOCM)	222
(vi)	Centre for Philosophy M.A. in Philosophy (SPHM)	229

	Name of the School and Centre/Discipline	Field of Study Code
(D)	SCHOOL OF ENVIRONMENTAL SCIENCES M.Sc. in Environmental Sciences (SESM)	223
(E)	SCHOOL OF COMPUTER & SYSTEMS SCIENCES Master of Computer Applications (MCAM)	224
(F)	SCHOOL OF LIFE SCIENCES M.Sc. in Life Sciences (SLSM)	225
(G)	SCHOOL OF PHYSICAL SCIENCES M.Sc. in Physics (SPSM)	226
(H)	SCHOOL OF ARTS & AESTHETICS M.A. in Arts & Aesthetics (SAAM)	227
(I)	CENTRE FOR SANSKRIT STUDIES M.A. in Sanskrit (SANM)	228

III. B.A. (Hons.) 2nd year Codes

	Name of the School and Centre/Discipline	Field of Study Code
SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES		
(i)	Centre of Persian and Central Asian Studies B.A.(Hons.) 2nd year in Persian (PERS)	301
(ii)	Centre of Arabic and African Studies B.A.(Hons.) 2nd year in Arabic (ARBS)	302
(iii)	Centre for Japanese, Korean and North-East Asian Studies 1. B.A.(Hons.) 2nd year Japanese (JAPS) 2. B.A.(Hons.) 2nd year in Korean (KORS)	303 304
(iv)	Centre for Chinese and South East Asian Studies B.A.(Hons.) 2nd year in Chinese (CHNS)	305
(v)	Centre for French and Francophone Studies B.A.(Hons.) 2nd year in French (FRNS)	306
(vi)	Centre of German Studies B.A.(Hons.) 2nd year in German (GERS)	307
(vii)	Centre of Russian Studies B.A.(Hons.) 2nd year in Russian (RSNS)	308
(viii)	Centre of Spanish, Portugese, Italian and Latin American Studies B.A.(Hons.) 2nd year in Spanish (SPNS)	309

IV. B.A. (Hons.) 1st Year Codes

	Name of the School and Centre/Discipline	Field of Study Code
SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES		
(i)	Centre of Persian and Central Asian Studies B.A.(Hons.) 1st year in Persian (PERU)	401
(ii)	Centre of Arabic and African Studies B.A.(Hons.) 1st year in Arabic (ARBU)	402
(iii)	Centre for Japanese, Korean and North-East Asian Studies 1. B.A.(Hons.) 1st year Japanese (JAPU) 2. B.A.(Hons.) 1st year in Korean (KORU)	403 404
(iv)	Centre for Chinese and South East Asian Studies B.A.(Hons.) 1st year in Chinese (CHNU)	405
(v)	Centre for French and Francophone Studies B.A.(Hons.) 1st year in French (FRNU)	406

	Name of the School and Centre/Discipline	Field of Study Code
(vi)	Centre of German Studies B.A.(Hons.) 1st year in German (GERU)	407
(vii)	Centre of Russian Studies B.A.(Hons.) 1st year in Russian (RSNU)	408
(viii)	Centre of Spanish, Portugese, Italian and Latin American Studies B.A.(Hons.) 1st year in Spanish (SPNU)	409

V. ADOP Codes

	Name of the School and Centre/Discipline	Field of Study Code
SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES		
(i)	Centre of Indian Languages Advanced Diploma in Mass Media in Urdu (URDA)	502

VI. COP Codes

	Name of the School and Centre/Discipline	Field of Study Code
SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES		
(i)	Centre of Persian and Central Asian Studies COP in Pushto (PUSC)	701
(ii)	Centre for Japanese, Korean and North-East Asian Studies COP in Mongolian (MONC)	702
(iii)	Centre for Chinese and South East Asian Studies COP in Bahasa Indonesia (BHAC)	703
(iv)	Centre of Indian Languages COP in Urdu (URDC)	704

VII. School/Centre Codes for programmes where there is no Entrance (written) examination.

	Name of the School and Centre/Discipline	Field of Study Code
(A)	SCHOOL OF INTERNATIONAL STUDIES	
(i)	Centre for Comparative Politics and Political Theory (Only Direct Ph.D. Programme)(CPTP)	120
(B)	SCHOOL OF SOCIAL SCIENCES	
(i)	Group of Adult Education Direct admission to Ph.D. programme in Adult Education (Only Direct Ph.D. (GAEP))	150
(ii)	Women's Studies Programme Direct admission to Ph.D. programme in Women's Studies Programme (WSPP) (Only Direct Ph.D.)	151
(iii)	Centre for the Study of Discrimination and Exclusion Direct admission to Ph.D. programme in the Study of Discrimination and Exclusion(Only Direct Ph.D. (PSDE))	152
(iv)	Centre for Media Studies Direct admission to Ph.D. programme in Media Studies (Only Direct Ph.D. (CMSP))	173
(v)	Centre for Informal Sector & Labour Studies Direct admission to Ph.D. programme in Informal Sector & Labour Studies (Only Direct Ph.D. (ISLS))	174
(vi)	North East India Studies Programme Direct admission to Ph.D. programme in North East India Studies (Only Direct Ph.D. (NESP))	175

Name of the School and Centre/Discipline	Field of Study Code
(C) SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES	
(i) Centre of Persian and Central Asian Studies ADOP in Pushto (PUSA)	501
(ii) Centre of Persian and Central Asian Studies DOP in Pushto (PUSD)	601
(iii) Centre for Chinese and South East Asian Studies DOP in Bahasa Indonesia(BHAD)	602

12. Darken the bubbles corresponding to the appropriate numerals to indicate year of passing or appearing 10+2 or equivalent examination.

13. **Entrance Examination Centre:** Darken the bubbles corresponding to the appropriate numerals to indicate the city where you would take the entrance examination. A list of cities where JNU entrance examination is to be held is given below. **No change will be permitted and no correspondence in this context will be entertained.** In case it is not possible to allot the Centre of your choice, the University reserves the right to allot you alternative centre. **For Certificate of Proficiency and Advanced Diploma in Mass Media in Urdu (Part-Time) programmes the Entrance Examination will be held only in Delhi Centre.** Since no entrance examination is to be held for part time programme other than Certificate of proficiency and Advanced Diploma in Mass Media in Urdu candidates applying for these programme need not fill this column.

Name of the Centre	Centre Code	Name of the Centre	Centre Code
1. Agartala	1001	28. Katihar	1028
2. Ahmedabad	1002	29. Kolkata	1029
3. Aizawl	1003	30. Lucknow	1030
4. Allahabad	1004	31. Mumbai	1031
5. Amritsar	1005	32. Madurai	1032
6. Bangalore	1006	33. Nagpur	1033
7. Bareilly	1007	34. Noida	1034
8. Bhubaneshwar	1008	35. Pant Nagar	1035
9. Calicut	1009	36. Patna	1036
10. Chandigarh	1010	37. Pondicherry	1037
11. Chennai	1011	38. Pune	1038
12. Coimbatore	1012	39. Raipur	1039
13. Dehradun	1013	40. Ranchi	1040
14. Delhi	1014	41. Sambalpur.	1041
15. Dimapur	1015	42. Shillong	1042
16. Gangtok	1016	43. Shimla	1043
17. Gwalior	1017	44. Silchar	1044
18. Guwahati	1018	45. Siliguri	1045
19. Goa	1019	46. Srinagar	1046
20. Gorakhpur	1020	47. Thiruvananthapuram	1047
21. Hyderabad	1021	48. Udaipur	1048
22. Secundrabad	1022	49. Varanasi	1049
23. Imphal	1023	50. Vijayawada	1050
24. Indore	1024	51. Visakhapatnam	1051
25. Itanagar	1025	(Overseas Centre)	
26. Jaipur	1026	52. Kathmandu*	2000
27. Jammu	1027	* Subject to sufficient number of candidates available.	

Note:

- The University reserves the right to change/cancel any Centre of Examination within India/abroad without assigning any reason.
 - Addresses of the Centres of Examination will be available on our JNU website (www.jnu.ac.in) around 10th May, 2013
14. **District Quartile Code:** Darken the bubbles corresponding to the appropriate numerals of District Code (after checking from Chapter V of the Prospectus), if you have passed or are appearing in the qualifying examination (on the basis of which you are seeking admission in the University) from a District falling under Quartile 1 or 2 Districts. **Others may leave it blank. Please note that the responsibility for correctness of the information provided with regard to Quartile Districts in the Application Form lies with the candidate).**

15. **Details of Bank Draft enclosed towards Entrance Examination/Processing Fee :** Darken the bubbles corresponding to the appropriate numerals to indicate Bank Draft Number, Date of Demand Draft and amount of the demand draft. The amount towards entrance examination fee is to be paid as under:
- (i) **For Direct Admission to Ph.D. Programme and JRF holders to M.Phil./Ph.D. and Pre-Ph.D./Ph.D. programme in Science Schools:** The processing fee for candidates belonging to General Category including OBC is Rs. 220/- for each field of study. **Similarly candidates belonging to SC/ST/BPL and Physically Challenged (Handicapped) categories are required to pay processing fee at the rate of Rs. 110/- for each field of study.**
 - (ii) **For M.Phil./Ph.D., Pre-Ph.D./Ph.D., M.Tech./Ph.D., MPH/Ph.D., M.A., M.Sc. and MCA:** The Entrance Examination fee for candidates belonging to General Category including OBC is Rs. 220/- for 1 field of study, Rs. 430/- for 2 fields of study and Rs. 600/- for 3 fields of study. **Similarly candidates belonging to SC/ST/BPL and Physically Challenged (Handicapped) categories are required to pay examination fee at the rate of Rs. 110/- for 1 field of study, Rs. 215/- for 2 fields of study and Rs. 300/- for 3 fields of study.**
 - (iii) **For B.A.(Hons.) and Part Time Programmes:** The Entrance Examination fee for B.A.(Hons.) 1st year and 2nd year and Certificate of Proficiency (COP) programmes for candidates belonging to General Category including OBC is Rs.130/- for 1 field of study, Rs. 250/- for 2 fields of study and 360/- for 3 fields of study. **Similarly candidates belonging to SC/ST/BPL and Physically Challenged (Handicapped) categories are required to pay examination fee at the rate of Rs. 65/- for 1 field of study, Rs. 125/- for 2 fields of study and Rs. 180/- for 3 fields of study. For all other Part-Time programmes i.e. ADOP, ADOP(Mass Media) and DOP, candidates are required to pay processing fee/entrance examination fee at the above rates.**
 - (iv) Dependent son/daughter of Leprosy Affected Person (LAP) residing in Leprosy Colonies identified by each state are eligible for free education upto Graduation level. Therefore, candidates belonging to dependent LAP category are exempted from fees for B.A.(Hons.) only
 - iv) **Fee for Foreign Students :** Foreign students appearing in the entrance examination are required to enclose with their application form a Bank Draft amounting to US\$ 25 or Rs.1250/- if they are applying for one field of study, US\$ 50 or Rs.2500/- if they are applying for two fields of study and US\$ 75 or Rs.3750/- if they are applying for three fields of study. .

You are required to enclose Crossed Bank Draft for the prescribed examination fee. The bank draft should be drawn in favour of **JAWAHARLAL NEHRU UNIVERSITY** payable at **New Delhi**.

If you are applying for more than one field of study of the same level of programme, you are required to pay the examination fees for each field of study as per rates indicated above, failing which your candidature will not be considered for additional field(s) of study.

You must write your application form no., name, programme and field of study and examination centre opted for on the left hand corner on the reverse of the Bank Draft.

PLEASE NOTE THAT, IF YOUR APPLICATION IS REJECTED FOR ANY REASON, WHATSOEVER OR YOU ARE NOT ABLE TO TAKE THE ENTRANCE EXAMINATION OR APPEAR IN THE VIVA VOCE, THE ENTRANCE EXAMINATION FEE/ PROCESSING FEE PAID BY YOU SHALL NOT BE REFUNDED.

(If the bank draft towards entrance examination fee is not submitted with the application form, your application will be summarily rejected without any intimation to you).

16. **Name of Quartile District:** Write the name of District (after checking from Chapter V of the Prospectus), if you have passed or are appearing in the qualifying examination (on the basis of which you are seeking admission in the University) from a District falling under Quartile 1 or 2 Districts. **Others may leave it blank. Please note that the responsibility for correctness of the information provided with regard to Quartile Districts in the Application Form lies with the candidate).**
- 17.1. **Father's/Guardian's Name :** Write your father's/Guardian's name in BLOCK LETTERS exactly as in your 10th class or equivalent Certificate. Write only one letter in each box.
- 17.2. **Mother's Name:** Write your mother's name in BLOCK LETTERS exactly as in your 10th class or equivalent Certificate. Write only one letter in each box.
18. **Please note that Column No. 18. (i.e your name and mailing address) will be scanned and therefore it should be written very clearly IN BLACK INK ONLY. If you make any mistake, you should cover the whole box with exact size white paper slip and write your name and address on that. Your address must not overflow this box.**
- 19.1. **Photograph :** Please write your name and application form number on the backside of a recent good quality colour photograph (taken not earlier than two months) and firmly affix (do not staple) in the box provided. The photograph should be taken preferably with dark coloured clothes in a white background. The approximate size of the photograph should be 3.5 cm. x 4.5 cm. **Do not sign on the photograph and do not get it attested.**

19.2. Signature: Put your usual signature in black ink within the box provided. Your signature must not overflow or touch the border of the box provided. Your signature establishes your identity. Hence, do not merely write your name in capital letters. This may lead to rejection of your application.

20. Mobile Number: Darken the bubbles corresponding to the appropriate numerals to indicate your mobile number.

21. Permanent Address :

Write your complete permanent address in CAPITAL LETTERS, including Pin Code.

22. Academic Record: While filling up the information relating to the Academic Record, you should strike off the examinations which are not relevant and should indicate the name of the relevant examination i. e. High School, Higher Secondary, Senior School Certificate (10+2), Intermediate or equivalent, B.A. (Hons.), B.A.(Pass), B.Sc. (Hons.), B.Sc. (Pass), B.Com, B.Com (Hons.), B.Tech., B.E., M.B.B.S., M.A. , M.Sc. or MCA etc., as the case may be. If you are appearing for final year examination you should fill in all the columns except percentage of marks column wherein you should write "APPEARING". **Please do not forget to write subjects studied in qualifying examination in the column provided for verification of your eligibility.**

In case the University/Institution from where you have passed the examination follows letter grading system/CGPA, you are required to indicate the equivalent percentage in the space provided in the application form for the purpose of determining the eligibility.

23. Present Employment Record: You are required to indicate the details of your present employment, if any. **(The candidates, enjoying employed status and selected for admission to any of the programmes in the University, are required to produce LEAVE SANCTION AND RELIEVING ORDER AT THE TIME OF REGISTRATION/ADMISSION from their employer for the duration of the programme permitting them to pursue their studies at the University, failing which they will not be granted admission.)**

24. You are required to write the name of the School from where you passed your 10+2 or equivalent examination,, District in which situated and year of passing the examination.

— **Declaration:** The candidate must sign the declaration at the end of the application form.

— **Telephone/Fax No./Email/Mobile No. etc:** The candidate is also advised to give his/her telephone/mobile number; Fax/Email, if any, in the appropriate columns at the end of application form.

— **Insert the following documents in the 10" X 7" size envelope supplied with the Application Form and send it by Registered Post/Speed Post only.**

1. Bank Draft (Put the Bank Draft in the 9" X 4" size envelope supplied with the Application Form).

2. Application Form (Refold the application form where it was originally folded).

— **Application Forms can be submitted only by Registered Post/Speed Post to Section Officer (Admissions), Room No.28, Administrative Block, Jawaharlal Nehru University, New Delhi - 110067. The completed Application Form must reach JNU latest by 28th March, 2013. JNU will not accept responsibility for any postal delay or irregularity or loss in postal transit.**

— **PLEASE DO NOT SEND YOUR APPLICATION FORM THROUGH PRIVATE COURIER SERVICES OR ANY OTHER POSTAL MODE EXCEPT REGISTERED POST/SPEED POST.**

Important Notes:

— **A candidate who successfully completes a programme in one particular language/subject may not be entitled for admission to same level of programme (language/subject) again. The candidate may be allowed one more chance to get admission in other language/subject. Further, the candidate who fails to complete the programme successfully in the first two chances will not be given admission third time in the same language/subject under any circumstances. This will be applicable to all programmes of study being offered by the University.**

— **Candidates who have obtained their Bachelor's degree under the pattern of education other than 10+2+3 will be considered for admission to the Master's Programme if they have successfully completed the first year of Master's degree programme or a bridge course in lieu thereof, wherever prescribed, from a recognised University with prescribed percentage of marks.**

— **No candidate admitted to a full-time programme of study in the University shall accept or hold any employment paid or otherwise or shall be full time student of any other Institution/University during the course of his/her study at the University except those specifically permitted by the University in accordance with rules.**

— **If any information furnished by the candidate in the application form is found to be false, his/her admission, if granted on the basis of such information will be cancelled, ipso facto.**

— **If a candidate is not selected for admission to M.Phil./Ph.D. or Pre-Ph.D./Ph.D., M.Tech./Ph.D., MPH/Ph.D. programme through Entrance Examination, he/she shall not be considered for Direct Admission to Ph.D. programme in the same year.**

- **Incomplete application forms will be summarily rejected without any reference to the candidates. The candidates are, therefore, advised to carefully complete all the relevant columns of the application form as per instructions in Chapter XXIV.**
- **Application Forms received after the closing date shall not be entertained. However, where marginal delay in submission of completed form occurs due to pressing reasons, or for circumstances beyond the candidate's control, such of the application forms shall be considered on the merit of each individual case with justification given by the candidate alongwith the form in support of his/her claim for its late submission.**
- **University shall not accept responsibility for any postal delay or irregularity or loss in postal transit.**
- **The application forms for Direct admission to Ph.D. programme for Monsoon Semester beginning July 2013 is closed on 15th January, 2013 and for winter semester begining January 2014, the application form for Direct admission to Ph.D. programme will be available from 2nd September to 14th October, 2013 and last date for submitting the application forms will be 14th October, 2013.**
- **Any dispute with regard to any matter relating to admission shall be subject to the jurisdiction of Delhi Courts only.**

NAME OF THE CANDIDATE

RAVI RANJAN

MOBILE NUMBER

9606364965

0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9

21. Permanent Address : Village: Pandav Pura

P.O. Ara Balle

Mohalla Subedarpura

District: Madhubani

State: Bihar

Country: INDIA

PIN Code: 861161

22. Academic Record : Take into account marks only of the subjects which are counted for awarding Grade / Percentage.

Examination Passed	Year of Passing/ Appearing	% of Marks CGPA or Grade / Result Awaited	Duration of Course (Years)	Name of School/College/ Institution	District	Name of Board /University	Subject/Papers
* High School/Matriculation/ 10th Class	2001	58	01	Bishakhwar Secondary School, Chapra	Chapra	BSEB	Math, HND, ENG, ECO, SS.
* Senior School Certificate(10+2) Intermediate or equivalent	2003	61	01	—do—	—do—	—do—	—do—
B.A./B.A. (Hons)/B.Com/B.Com.(Hons.) /B.Sc./B.Sc.(Hons.)/B.Tech./B.E./ M.B.B.S./Any other Graduate Degree..... BA (Hons.) Aggregate of all years	2006	68%	3	Rajendra college Madhubani	Madhubani	J.P. University Madhubani	Economic
*M.A./M.Sc./M.C.A. Any other PG Degree Aggregate of all years							
Any other examination Please specify							

* Strike off the Name of Examination which is not applicable.

Give particulars if you are/were student of JNU. Please indicate :

(i) Name of the Centre/School : NA

(ii) Programme of Study : (iii) Years From to

Are you a student of any University at present. If yes, give details : (Name of the University & Course of Study)

23. Details of present employment NA

Organisation & Address	Position Held	Period	Nature of Duties

24. i) Name and address of the School from where you passed 10+2 exam : Bishakhwar Secondary school, Chapra, Bihar

ii) District in which situated : Chapra

iii) Year of Passing 10+2 : 2003

DECLARATION BY THE APPLICANT : I declare that nothing is concealed and the information furnished by me in the Application Form is true in all respects and in case any entry or information is found to be false, this shall entail automatic cancellation of my admission besides rendering me liable to such action as the University may deem proper. I hereby undertake that I have carefully gone through the eligibility conditions prescribed in the Prospectus for the programme I am applying for and shall appear in the entrance examination after satisfying myself that I do fulfil the same. If at any stage it is found that I do not fulfil the minimum prescribed eligibility criteria, my admission, if granted, shall stand cancelled and I shall have no right to admission whatsoever. I also declare that I have not been debarred from taking admission in JNU neither have I been declared out of bounds from JNU Campus.

Ravi Ranjan
Signature of the Applicant

Date 22/02/2013 Telephone No. with STD Code Fax No.
Place Madhubani Mobile No. 9606364965 E-mail ravi_ranjan@gmail.com

**FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING
FOR ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER THE
GOVERNMENT OF INDIA (as per Central list)**

This is to certify that _____, son/daughter of _____, of village _____ District/Division _____ in the State _____ belongs to the _____ community which is recognized as a Backward Class in under following resolutions of Government of India, Ministry of Welfare-

- *(i) Resolution No.12011/68/93-BCC (C), dated the 10th September, 1993, published in the Gazette of India, Extraordinary, Part-I, Section I, No. 186, dated the 13th September, 1993,
- *(ii) Resolution No.12011/9/94-BCC, dated the 19th October, 1994, published in the Gazette of India, Extraordinary, Part-I, Section I, No.163, dated the 20th October, 1994.
- *(iii) Resolution No.12011/7/95-BCC, dated the 24th May, 1995, published in the Gazette of India, Extraordinary, Part-I, Section I, No.88, dated the 25th May, 1995.
- *(iv) Resolution No.12011/44/96-BCC, dated the 6th December, 1996, published in the Gazette of India, Extraordinary, Part-I, Section I, No.210, dated the 11th December, 1996.
- *(v) Resolution No. 12011/96/94-BCC dated 9/03/96.
- *(vi) Resolution No. 12011/13/97-BCC dated 03/12/97.
- *(vii) Resolution No. 12011/99/94-BCC dated 11/12/97.
- *(viii) Resolution No. 12011/68/98-BCC dated 27/12/99.
- *(ix) Resolution No. 12011/88/98-BCC dated 06/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270 dated 06/12/99.
- *(x) Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.
- *(xi) Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.
- *(xii) Resolution No. 12015/9/2000-BCC dated 06/09/2001.
- *(xiii) Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- *(xiv) Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- *(xv) Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006.

*Shri _____ and/or his/her family ordinarily reside(s) in the _____ District/Division of the _____ State. This is also to certify that he/she does not belong to the persons/sections(Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel and Training, O.M. No.36012/22/93-Estt.(SCT), dated 8-9-1993 which is modified vide OM No. 36033/3/3004 Estt. (Res) dated 09/03/2004.

District Magistrate
Deputy Commissioner, etc.

Dated: _____

SEAL

*Strike out whichever is not applicable

N.B.—

- (a) The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People's Act, 1950.
- (b) The authorities competent to issue caste certificates are indicated below:-
 - (i) District Magistrate/Additional Magistrate/Collector/Deputy Commissioner/Additional Deputy Commissioner/Deputy Collector/First Class Stipendiary Magistrate/Sub-Divisional Magistrate/Taluka Magistrate/Executive Magistrate/Extra Assistant Commissioner (not below the rank of First Class Stipendiary Magistrate).
 - (ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.
 - (iii) Revenue Officer not below the rank of Tehsildar; and
 - (iv) Sub-Divisional Officer of the area where the candidate and/or his family resides.

FORM OF CASTE CERTIFICATE TO BE PRODUCED BY THE CANDIDATES BELONGING TO SC/ST CATEGORIES

Form of Certificate as prescribed in M.H.A,O.M. NO.42/21/49-N.G.S., dated 28-1-1952 as revised in Dept. of Per. & A.R., Letter No.36012/6/76-Estt.(S.C.T.), dated 29-10-1977, to be produced by a candidate belonging to a Scheduled Caste or Scheduled Tribe in support of his claim.

FORM OF CASTE/TRIBE CERTIFICATE

This is to certify that Shri/Shrimathi*/Kumari* _____ Son/daughter*
of _____ of village/town* _____ in District/
Division* _____ of the State/Union Territory* _____ belongs to
the _____

Caste/Tribe* which is recognized as a Scheduled Caste
Scheduled Tribe*

Under:

- The Constitution (Scheduled Castes) Order, 1950.
- *The Constitution (Scheduled Tribes) Order, 1950.
- *The Constitution (Scheduled Castes) (Union Territories) Order, 1951.
- *The Constitution (Scheduled Tribes) (Union Territories) Order, 1951.

(As amended by the Scheduled Castes and Schedules Tribes Lists (Modification Order) 1956, the Bombay Reorganization Act, 1960, the Punjab Reorganization Act, 1966, the State of Himachal Pradesh Act, 1970, the North-Eastern Areas (Reorganization) Act, 1971 and the Scheduled Castes and Schedules Tribes Orders (Amendment) Act, 1976.)

- *The Constitution (Jammu and Kashmir) Scheduled Castes Order, 1956;
- *The Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959, as amended by the Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1976;
- *The constitution (Dadra and Nagar Haveli) Scheduled Castes Order, 1962;
- *The Constitution (Dadra and Nagar Haveli) Scheduled Tribes Order, 1962;
- *The Constitution (Pondicherry) Scheduled Castes Order, 1964;
- *The Constitution (Uttar Pradesh, Scheduled Tribes Order, 1967;
- *The Constitution (Goa, Daman and Diu) Scheduled Castes Order, 1968;
- *The Constitution (Goa, Daman and Diu) Scheduled Tribes Order, 1968;]
- *The Constitution (Nagaland) Scheduled Tribes Order, 1970;
- *The Constitution (Sikkim) Scheduled Castes Order, 1978;
- *The Constitution (Sikkim) Scheduled Tribes Order, 1978;
- *The Constitution (Jammu and Kashmir) Scheduled Tribes Order, 1989.
- *The Constitution (Scheduled Castes) Order (Amendment) Act, 1990.
- *The Constitution (Scheduled Tribes) Order Amendment Act, 1991.
- *The Constitution (Scheduled Tribes) Order Second Amendment Act, 1991.

2. **This certificate is issued on the basis of the Scheduled Castes/Scheduled Tribes Certificate issued to Shri/Shrimathi* _____ father/mother* of Shri/Shrimathi/Kumari* _____ of village/town* _____ in District/Division* _____ of the State/Union Territory* _____ who belong to the Caste/Tribe* which is recognized as a Scheduled Caste/Scheduled Tribe* in the State/Union Territory* _____ issued by the _____ dated _____.

3. Shri/Shrimathi*/Kumari* _____ and /or* his/her* family ordinarily reside(s) in village/town* _____ of _____ District/Division* of the State/Union Territory* of _____

Signature _____
Designation _____
(With seal of office)

State _____
Union Territory _____

Place _____
Date _____

Note:- The term "Ordinarily resides" used here will have the same meaning as in Section 20 of the Representation of the Peoples Act, 1950.

* Please delete the words which are not applicable.
** Applicable in the case of SCs, STs persons who have migrated from one State/UT (Employment News 9/92).

**XXV(A). DATE SCHEDULE OF ALL INDIA ENTRANCE EXAMINATION
FOR ADMISSION TO
M.PHIL./PH.D., PRE-PH.D./PH.D., M.TECH./PH.D. AND MPH/PH.D.
PROGRAMMES OF STUDY**

18th May, 2013 (9.00 AM.to 12 Noon)	18th May, 2013 (2.00 PM to 5.00 PM)
<ol style="list-style-type: none"> 1. West Asian Studies(SIS) 2. Hindi, Urdu and Tamil Languages (SL) 3. Economic Studies & Planning (SSS) 4. Environmental Sciences (SES) 5. Visual Arts (SAA) 	<ol style="list-style-type: none"> 1. International Politics, International Organisation, Political Geography Diplomacy and Disarmament (SIS) 2. Master of Public Health (SSS) (MPH) 3. Computer & Systems Sciences (SC & SS) (COM) 4. Portuguese Language (SL)
19th May, 2013 (9.00 A.M. to 12 Noon)	19th May, 2013 (2.00 P.M.to 5.00 P.M.)
<ol style="list-style-type: none"> 1. International Legal Studies (SIS) 2. International Trade & Development (SIS) 3. Persian, Arabic, Japanese, Korean, Chinese, Russian, Spanish, French & German Languages (SL) 4. Social Systems (SSS) 5. Physical Sciences (SPS) 6. Theatre and Performance Studies (SAA) 	<ol style="list-style-type: none"> 1. Chinese Studies, Japanese Studies and Korean Studies (SIS) 2. European Studies (SIS) 3. Political Studies (SSS) 4. Regional Development (SSS) GEO/POP/ECN 5. Biotechnology (SBT) 6. Linguistics (SL) 7. Mathematical Sciences (SPS)
20th May, 2013 (9.00 A.M. to 12 Noon)	20th May, 2013 (2.00 P.M. to 5.00 P.M.)
<ol style="list-style-type: none"> 1. Russian & Central Asian Studies (SIS) 2. Historical Studies (SSS) (MOD/MED/ANC) 3. Hindi Translation (SL) 4. Molecular Medicine (CMM) 	<ol style="list-style-type: none"> 1. South Asian Studies, South East Asian & South West Pacific Studies and Central Asian Studies (SIS) 2. English (SL) 3. Educational Studies (SSS) 4. Life Sciences (SLS) 5. Studies in Science Policy (SSS)
21st May, 2013 (9.00 A.M. to 12 Noon)	21st May, 2013 (2.00 P.M. to 5.00 P.M.)
<ol style="list-style-type: none"> 1. Canadian Studies , United States Studies and Latin American Studies (SIS) 2. Philosophy (SSS) 3. Cinema Studies (SAA) 4. Computational Biology and Bioinformatics(SCIS) 5. Social Sciences in Health (SSS)(CSM) 	<ol style="list-style-type: none"> 1. Computational and Systems Biology (SCIS) 2. Law & Governance (CLG) 3. Sanskrit Studies (CSS) 4. African Studies (SIS)

Abbreviations:

SAA	: School of Arts & Aesthetics.
SBT	: School of Biotechnology
SC&SS	: School of Computer and Systems Sciences
SES	: School of Environmental Sciences
SCIS	: School of Computational and Integrative Sciences
SIS	: School of International Studies
SL	: School of Language, Literature and Culture Studies
SLS	: School of Life Sciences
SPS	: School of Physical Sciences
SSS	: School of Social Sciences
CLG	: Centre for the Study of Law & Governance
CMM	: Centre for Molecular Medicine
CSS	: Centre for Sanskrit Studies.

**XXV(B). DATE SCHEDULE OF ALL INDIA ENTRANCE
EXAMINATION FOR ADMISSION TO
M.A./M.SC./MCA PROGRAMME OF STUDY**

18th May, 2013 (9.00 A.M. to 12 Noon)	18th May, 2013 (2.00 P.M. to 5.00 P.M.)
1. M.A.in Linguistics, SL 2. M.A. in Political Science, SSS 3. M.Sc. in Environmental Sciences, SES	1. M.A.in Hindi, SL 2. M.A. in English, SL 3. M.A. in Urdu, SL 4. M.A. in Economics, SSS
19th May, 2013 (9.00 A.M. to 12 Noon)	19th May, 2013 (2.00 P.M. to 5.00 P.M.)
1. MCA (Master of Computer Applications), SC & SS 2. M.A. in Philosophy, SSS	1. M.A. in History, MOD/MED/ANC, SSS 2. M.Sc.in Life Sciences, SLS 3. M.A. in Economics (with specialization in World Economy), SIS
20th May, 2013 (9.00 A.M. to 12 Noon)	20th May, 2013 (2.00 P.M. to 5.00 P.M.)
1. M.A. in Arts and Aesthetics , SAA	1. M.A. in Geography, SSS 2. M.A. in Politics (with specialization in International Relations), SIS 3. M.Sc. in Physics, SPS
21st May, 2013 (9.00 A.M. to 12 Noon)	21st May, 2013 (2.00 P.M. to 5.00 P.M.)
1. M.A. in Sanskrit, CSS	1. M.A. Programme, SL in: i) Persian vi) Russian ii) Chinese vii) Spanish iii) Japanese viii) Arabic iv) German xi) Korean v) French and Francophone Studies 2. M.A. in Sociology, SSS

Abbreviations:

SAA	:	School of Arts & Aesthetics.
SC&SS	:	School of Computer and Systems Sciences
SES	:	School of Environmental Sciences
SIS	:	School of International Studies
SL	:	School of Language, Literature and Culture Studies
SLS	:	School of Life Sciences
SPS	:	School of Physical Sciences
SSS	:	School of Social Sciences
CSS	:	Centre for Sanskrit Studies.

**XXV(C). DATE SCHEDULE OF ALL INDIA ENTRANCE EXAMINATION
FOR ADMISSION TO FIRST AND SECOND YEAR OF
B.A(HONS.) PROGRAMMES IN FOREIGN LANGUAGES**

18th May, 2013 (9.00 A.M. to 12 Noon)	20th May, 2013 (9.00 A.M. to 12 Noon)
<p>Second year of 3-year B.A. (Hons.) programme in Foreign Languages</p> <p>i) Arabic ii) Chinese iii) French iv) German v) Japanese vi) Korean vii) Persian viii) Russian ix) Spanish</p>	<p>First year of 3-year B.A. (Hons.) programme in Foreign Languages</p> <p>i) Arabic ii) Chinese iii) French iv) German v) Japanese vi) Korean vii) Persian viii) Russian ix) Spanish</p>

**XXV(D). DATE SCHEDULE OF ENTRANCE EXAMINATION FOR
ADMISSION TO
PART TIME PROGRAMMES OF STUDY**

19th May, 2013 (2.00 P.M. to 5.00 P.M.)	20th May, 2013 (2.00 P.M. to 5.00 P.M.)
<p>Certificate of Proficiency (Part-Time)</p> <p>1. Bahasa Indonesia 2. Mongolian 3. Pushto 4. Urdu</p>	<p>Advanced Diploma in Mass Media in Urdu</p>

XXVI. JNU ENTRANCE EXAMINATION : QUESTION PAPERS OF PREVIOUS YEARS

Sets containing Question Papers of previous 3 years (i.e. 2012, 2011, 2010) for various programmes of study are available on payment as per details given below:

(A) M.Phil./Ph.D., Pre-Ph.D./Ph.D., MPH/Ph.D. and MTech./Ph.D.

Sl. No.	Discipline/ Language	Amount* (Rs.)	Sl. No.	Discipline/ Language	Amount* (Rs.)
1.	International Trade and Development	25	56.	Historical Studies	25
2.	Persian	25	58.	Canadian, United States and Latin American Studies	25
3.	Arabic	25	59.	South, South-East Asian and South-West Pacific and Central Asian Studies	25
4.	Japanese	25	60.	English	25
5.	Chinese	25	61.	Educational Studies	25
6.	Russian	25	62.	Life Sciences	65
7.	Spanish	25	69.	Studies in Science Policy	25
8.	French	25	71.	Hindi Translation	25
9.	German	25	72.	Molecular Medicine	65
10.	Portuguese	25	76.	Law & Governance	25
12.	Social Systems	25	77.	Sanskrit	25
13.	Physical Sciences	25	78.	Philosophy	25
24.	International Politics, Organisation Diplomacy and Disarmament and Political Geography	25	79.	Visual Arts	25
25.	Social Medicine and Community Health	25	80.	International Legal Studies	25
26.	Computer Science	105	81.	European Studies	25
31.	West Asian Studies	25	82.	Linguistics	25
32.	Hindi	25	83.	Computational and Systems Biology	105
33.	Urdu	25	85.	Theatre and Performance Studies	25
34.	Economic Studies & Planning	65	86.	Cinema Studies	25
35.	Environmental Sciences	105	88.	Tamil	25
48.	Chinese, Japanese and Korean Studies	25	89.	Computational Biology & Bioinformatics	105
49.	Political Studies	25	91.	Mathematical Sciences	25
50.	Regional Development	65	92.	African Studies	25
51.	Biotechnology	65			
55.	Russian and Central Asian Studies	25			

(B) M.A./M.Sc./M.C.A.

Sl. No.	Discipline/ Language	Amount* (Rs.)	Sl. No.	Discipline/ Language	Amount* (Rs.)
14.	Persian	25	37.	Political Science	25
15.	Arabic	25	38.	Environmental Sciences	85
16.	Japanese	25	52.	History	25
17.	French	25	53.	Life Sciences	85
18.	German	25	54.	Economics (with Specialisation in World Economy)	25
19.	Russian	25	63.	Geography	45
20.	Spanish	25	64.	Politics (with Specialisation in International Relations)	25
21.	Chinese	25	65.	Physics	45
22.	MCA	85	73.	Arts and Aesthetics	25
23.	Sociology	25	74.	Sanskrit	25
27.	Hindi	25	90.	Korean	25
28.	English	25			
29.	Urdu	25			
30.	Economics	85			
36.	Linguistics	25			

(C) B.A. (Hons.) and Part Time Programme

Sl. No.	Language	Amount* (Rs.)	Sl. No.	Language	Amount* (Rs.)
B.A. (Hons.) 2nd year			COP & ADOP Programme (Part Time)		
39.	Arabic	25	75.	COP in Bahasa Indonesia, Pushto, Mongolian and Urdu	25
40.	Persian	25			
41.	Chinese	25			
42.	Japanese	25			
43.	Korean	25	84	Advanced Diploma in Mass Media in Urdu	25
44.	French	25			
45.	German	25			
46.	Russian	25			
47.	Spanish	25			
B. A. (Hons.) 1st year					
57.	Arabic, Chinese, French, German, Japanese, Korean, Persian, Russian and Spanish	65			

* The amount includes handling and postal charges by ordinary mail.

Question Papers can also be had from the admission counter of the University against cash payment from 10.00 a.m. to 1.00 p.m. and 2.00 p.m. to 4.00 p.m. upto 30th April, 2013 on all working days (Monday to Friday)

Candidates desirous of receiving a set of Question paper(s) by post are requested to send a **separate request to Section Officer (Admissions)** on the prescribed format (given below) alongwith a Bank Draft of the required amount drawn in favour of **Jawaharlal Nehru University** payable at **New Delhi** and a self addressed (indicating pin-code) unstamped envelope of size 30x25cm before 11th April 2013. The question papers will be despatched by ordinary mail within seven days from the date of receipt of the request by the University. **The University shall not be responsible for non-receipt of sets of question paper due to any postal delay or irregularity or loss in postal transit. The Sr. No. of the question paper should be indicated on the top of the unstamped envelope.**

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Format

Please send me one set each of the question papers of the Languages/Disciplines bearing Sl. No(s) _____

A Bank draft No. _____ dated _____ for Rs. _____ drawn in favour of "**Jawaharlal Nehru University**" payable at **New Delhi** and a self-addressed unstamped envelope of size 28 x 20 cm. are enclosed.

Signature _____

Name _____

Address _____

Date : _____

Encl. : As above

To

**Section Officer (Admissions),
Room No. 28,
Administrative Block,
Jawaharlal Nehru University,
New Delhi-110 067**

AFFIDAVIT BY PARENT/GUARDIAN

I, Mr./Mrs./Ms. _____ (full name of parent/guardian) father/mother/guardian of, _____ (full name of student with admission/ registration/enrolment number), having been admitted to _____ (name of the institution), have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the " Regulations"), carefully read and fully understood the provisions contained in the said Regulations.

- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 4) I hereby solemnly aver and undertake that
 - a) My ward will not indulge in any behavior or act that may be constituted as ragging under clause 3 of the Regulations.
 - b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulation.
- 5) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
- 6) I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

Declared this _____ day of _____ month of _____ year.

 Signature of deponent
 Name:
 Address:
 Telephone/Mobile No.:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at(place)_____ on this the (day)_____ of (month)_____, (year)_____.

 Signature of deponent

Solemnly affirmed and signed in my presence on this the (day)_____ of (month)_____, (year)_____ after reading the contents of this affidavit

OATH COMMISSIONER



Jawaharlal Nehru University New Delhi

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 Brotherhood.

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

JAWAHARLAL NEHRU UNIVERSITY EXAMINATION CENTRES FOR ENTRANCE EXAMINATION 2013-14

