

# **information brochure & application form**

**DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMME**

FOR INTERNATIONAL STUDENTS



**Indira Gandhi National Open University**  
Maidan Garhi, New Delhi – 110 068

“Education is a liberating force, and in our age it is also a democratising force, cutting across the barriers of caste and class, smoothing out inequalities imposed by birth and other circumstances.”

— Indira Gandhi

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Further information on the Indira Gandhi National Open University courses may be obtained from the University's office at Maidan Garhi, New Delhi – 110 068

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## RECOGNITION

IGNOU is a CENTRAL UNIVERSITY established by an Act of Parliament in 1985 (Act No. 50 of 1985). IGNOU Degrees/Diplomas/Certificates are recognised by all the members of the Association of Indian Universities (AIU) and are at par with Degrees/Diplomas/Certificates of all Indian Universities/Deemed Universities/Institutions vide UGC Circulars No. F.1-52/2000(CPP-II) dated 5<sup>th</sup> May, 2004,; D.O. No.F.1-25/03(CPP-II) dated 28<sup>th</sup> July, 1993; F.1-8/92 (CPP) dated February 1992 & AIU Circular No. EV/B (449)/94/176915-177115 dated January, 1994

*For electronic version of the Information Brochure,  
please write through email to*

The Director  
International Division

Email : [pkhare@ignou.ac.in](mailto:pkhare@ignou.ac.in) or  
[id@ignou.ac.in](mailto:id@ignou.ac.in)

Applications for admission to the Ph.D. Programme may be submitted on the prescribed form at any time of the year to:

The Director  
International Division

or

Registrar  
Students Registration & Evaluation Division,  
Indira Gandhi National Open University,  
Maidan Garhi, New Delhi-110068

Applications received by September 30 and March 31, will be considered for admission to the January and July Sessions, respectively.

### **APPLICATION FEE :**

**For SAARC Countries applicants : INR 1000/-  
For other International applicants : USD 100/-**

(to be sent along with application)

The Indira Gandhi National Open University was established by an Act of Parliament in 1985 to achieve the following objectives:

- democratizing higher education by taking it to the doorsteps of the learners.
- providing access to high quality education to all those who seek it irrespective of age, region or formal qualifications.
- offering need-based academic programmes by giving professional and vocational orientation to the courses.
- promoting and developing distance education in India.
- setting and maintaining standards in distance education in the country as an apex body for the purpose.

## Prominent Features

IGNOU has certain unique features such as:

- National jurisdiction.
- Flexible admission rules.
- Individualized study: flexibility in terms of place, pace and duration of study.
- Use of latest information and communication technologies.
- Nationwide student support services network.
- Cost-effective Modular programmes.
- Resource sharing, collaboration and networking with conventional Universities, Open Universities and other Institutions/Organizations.
- Socially and academically relevant programmes based on students' needs analysis.



## **The Schools of Studies**

With a view to developing interdisciplinary studies, the University operates through Schools of Studies. Each School is headed by a Director who arranges to plan, supervise, develop and organize its academic programmes and courses in coordination with the School staff and the different academic, administrative and service wings of the University. The Schools of Studies currently in operation are as follows:

- School of Computer & Information Sciences (SOCIS)
- School of Continuing Education (SOCE)
- School of Education (SOE)
- School of Engineering & Technology (SOET)
- School of Health Sciences (SOHS)
- School of Humanities (SOH)
- School of Management Studies (SOMS)
- School of Sciences (SOS)
- School of Social Sciences (SOSS)
- School of Agriculture (SOA)
- School of Law (SOL)

## **Academic Programmes**

The University offers a wide range of programmes both short-term and long-term leading to Certificates, Diplomas, Undergraduate Degrees, Postgraduate Degrees and Doctoral Degrees which are conventional as well as innovative. Most of these programmes have been developed after an initial survey of the demand for such programmes. They are launched with a view to fulfill the learner's needs for:

- Certification,
- Improvement of skills,
- Acquisition of professional qualifications,
- Continuing education and professional development at work place,
- Self-enrichment,
- Diversification and update of knowledge.

## **Course Preparation**

Learning material is specially prepared by teams of experts drawn from different Universities, specialized Institutions in the area from all over the country as well as in-house faculty. This material is scrutinized by the content experts, supervised by the instruction/unit designers and edited by the language experts at IGNOU before they are finally sent for printing. Similarly, audio and video cassettes/CDs are produced in consultation with the course writers, in-house faculty and producers. The material is previewed and reviewed by the faculty as well as outside media experts and edited/modified, wherever necessary, before they are finally dispatched to the Study Centres and Telecast on Doordarshan/Gyan Darshan/Gyan Vani.

## Support Services

In order to provide individualized support to its learners, the University has a large number of Study Centres, Special Study Centres, Programme Study Centres and Work Centres throughout the country. These are co-ordinated by 34 Regional Centres, 5 Sub-Regional Centres, and 25 Recognized Regional Centres as on date. The list of Regional Centres is given in this handbook. At the Study Centres, the learners interact with the Academic Counselors and other learners, refer to books in the Library, watch/listen to video/audio programmes and interact with the Coordinator on administrative and academic matters. Support services are also provided through Work Centres, Programme Specific Centres, Skill Development Centres and Special Study Centres.

## Programme Delivery

The methodology of instruction in this University is different from that of the conventional universities. The open university system is more learner-oriented and the learner is an active participant in the pedagogical (teaching and learning) process. Most of the instructions are imparted through distance education methodology rather than face-to-face communication.

The University follows a multiple media approach for instruction. It comprises:

**Self Instructional Written Material:** The printed study material (written in self-instructional style) for both theory and practical components of the programmes is supplied to the learners in the form of blocks for every course (on an average 1 block per credit). A block which comes in the form of a booklet usually comprises 3 to 5 units.

**Audio-Visual Material Aids:** The learning package contains audio and video cassettes which have been produced by the University for better clarification and enhancement of understanding of the course material given to the learner. A video programme is normally of 25-30 minutes duration. The audio tapes are run and video cassettes are screened at the study centres during specific sessions which are duly notified for the benefit of the learners.

The video programmes are telecast on National Network of Doordarshan and Gyan Darshan. Selected stations of All India Radio and Gyan Vani FM Radio Channels are also broadcasting the audio programmes. Learners can confirm the dates for the programme from their study centres. The information is also provided through the National Newspapers and IGNOU Newsletters sent to the learners periodically.

**Counselling Sessions :** Normally counseling sessions are held as per schedule drawn by the Study Centres. These are mostly held during the non-working hours of the host institutions where the study centres are located.

**Practical/Project Work :** Some Programmes have practical/project components also. Practical are held at designated institutions for which schedule is provided by the Study Centres. Attendance at practical is compulsory. Keeping in tune with the flexibility as regards choice of time for study one way is to skip practical during a year but for doing it in a subsequent year or in order to have a repeat exercise, additional fee determined by the University has to be paid. For project work, study centres will provide the necessary guidance but the learner will have to manage his/her own resources.

**Teleconferencing :** Live sessions are conducted via satellite through interactive Gyan Darshan Channel from the University studios at EMPC, the schedule of which is made

available at the study centres. The learner has to go to the nearest centre at the scheduled time for taking benefit of this facility.

**Edusat** : Edusat is the first Indian satellite designed and developed exclusively for serving the educational sector. It is mainly intended to meet the demand for an interactive satellite based distance education system for the country. The satellite has six ku Band transponders and six Ext. C-Band transponders. One beam on Ext. C-Band covers the entire country including Andaman and Nicobar Islands. EMPC-IGNOU has already established 134 interactive terminals across the country with two-way interactive facility. The teleconferencing sessions on GD-2 are simulcasted on the EDUSAT network. The facility is expected to enhance the capacity of the learners to access the resources as per the schedule. 12 teaching ends at major Regional Centres are being established.

**Gyan Darshan Educational Channel** : A collaboration between MHRD, ISRO, Prasar Bharti, IGNOU and other organizations has resulted in launching DD Gyan Darshan, the Educational Channel of India. In a significant gesture, EMPC has been identified as the coordinating and transmitting agency. Regular transmission of educational programmes from the EMPC studios started on January 10, 2000. The channel is providing educational programmes on a variety of subjects for 24 hours a day to enhance the learning process. Steps are being taken to relay the Gyan Darshan Channels through different cable operators in the Country for wider outreach. GD signals can be conveniently received without any special equipment anywhere. Gyan Darshan has now gone completely digital and expanded into a bouquet of channels namely GD-1, GD-2 and GD-3 'Eklavya'. Educational programmes are contributed by major educational institutions such as IGNOU, UGC/CEC, NCERT/CIET, Directorates of Adult Education, IITs and other educational/development organizations in the country. Gyan Darshan transmissions uplinked from the earth station of EMPC-IGNOU, New Delhi can be accessed all over the country throughout the year and round the clock without any break.

**Gyan Vani** : IGNOU has been offered FM radios channels in 40 cities and towns for education and development. EMPC is the nodal agency for implementing the project. EMPC is also studying an experimental proposal for global Gyan Vani. As many as 26 FM Radio Stations at Ahmedabad, Allahabad, Aurangabad, Bangalore, Bhopal, Chennai, Coimbatore, Delhi, Guwahati, Hyderabad, Indore, Jabalpur, Jaipur, Kanpur, Kolkata, Lucknow, Mumbai, Mysore, Nagpur, Panaji, Patna, Raipur, Rajkot, Shillong, Vishakhapatnam, and Varanasi are already on air. The broadcasts in English, Hindi and the regional languages/dialects are conducted by local resource persons. The detailed schedule can be accessed at IGNOU EMPC-Gyandarshan website <http://www.ignou.ac.in/gyandarshan%scindex.html>.

**Interactive Radio-Counselling** : Interactive Radio-Counselling is a recent concept in distance learning in India. Live counselling is provided on radio by invited experts. Students can ask questions right from their homes on telephone. These sessions are conducted for an hour from 4 p.m. on Sundays from 189 radio stations in the country. A toll free telephone number 1800 112345 has been provided for this purpose from selected cities.

The Doctoral Studies Programme aims at training professionals and teachers in the skills and competences related to the systematic investigation of various issues and problems in the area of their study. At this level, the study is expected to provide new and original insights into the problem or the area under investigation. The Ph.D. programme of IGNOU can be pursued by those who possess an M. Phil. degree or five years of teaching/industry/administrative/professional experience at senior level.

## Eligibility

**(i) For Education, English, Hindi, Physics:**

An M.Phil. degree and a Post-Graduate degree in a relevant discipline with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning;

**(ii) For Economics, Library & Information Science, History, Political Science, Public Administration, Sociology and Tourism Studies, Commerce and Management:**

An M.Phil. degree and a Post-Graduate degree in a relevant discipline with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning;

OR

Master's degree in a relevant discipline with minimum 55 percent marks (50 per cent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning and five years of teaching/industry/ administration/ professional experience at senior level.

**(iii) For Mathematics:**

An M.Phil. degree and a Post-Graduate degree in a relevant discipline with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning;

OR

Master's degree in a relevant discipline with minimum 55 percent marks (50 per cent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning. Candidates of this category will have to undertake course work before registration into the Ph.D. programme.

**(iv) For Social Work:**

An M.Phil. and a Post Graduate degree in Social Work with minimum 55 percent marks (50 per cent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning.

OR

Master's degree in Social Work with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning and five years of teaching/research/extension/ administration/health care/ social welfare/professional experience at senior level.

**(v) For Women's Studies:**

An M.Phil. and a Post Graduate degree with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning. The student should have exhibited interest in the discipline of women's studies and familiarity with research methodology, either during the M.Phil. programme, or through previous teaching/research/professional/public service experience in an area related to Women's Studies.

OR

An M.A. with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning and 5 years of teaching experience in a university and demonstrable research experience and familiarity with research methodology in the area of Women's Studies. Evidence of demonstrable research experience and candidate's familiarity with research methodology will be evaluated by the quality and number of research publications.

Since, both of the above categories of students would have demonstrable familiarity with research methodology, they would be exempted from taking any coursework for the Ph.D. programme.

**(vi) For Rural Development:**

- ◆ MARD students of IGNOU with minimum "B" grade
- ◆ Candidate having a Master's degree with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade in any discipline from a university or a recognized institution of higher learning could be considered provided they successfully complete three courses in Rural Development namely:
  - MRD-101 Rural Development-Indian Context
  - MRD-103 Rural Development-Planning and Management
  - MRD-004 Research Methods in Rural Development

The above three courses are to be made mandatory for those coming from any other discipline other than MARD. They may have to qualify/complete these three courses within one year and before undertaking any field study. Candidates having five years experience in Rural Development/Development Sectors could be given preference. Candidates from Social Science background may also get preference. Similarly, university/college teachers may also be given priority.

**(vii) For Child Development:**

An M.Phil. degree and a Post-Graduate degree in a relevant discipline with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning. The student should have exhibited interest in the discipline of Child Development and familiarity with research methodology, either during the M.Phil. programme, or through teaching/research/professional/public service experience in the area of Child Development.

OR

Master's degree in a relevant discipline with minimum 55 percent marks (50 percent marks for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning with at least 5 years of teaching experience in a university and demonstrable research experience and familiarity with research methodology in the area of Child Development. Evidence of demonstrable research experience and candidate's familiarity with research methodology will be evaluated by the quality and number of research publications.

Since, both of the above categories of students would have demonstrable familiarity with research methodology, they would be exempted from taking any coursework for the Ph.D. programme.

**(viii) For Distance Education:**

An M.Phil. and a Post Graduate degree in Distance Education/Educational Technology/Instructional Design/Education with specialization in Educational Technology/Computers in Education, with minimum 55 percent marks (50 percent for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning.

OR

A Post Graduate degree in any discipline with minimum 55 percent marks (50 percent for SC/ST/PH candidates) or an equivalent grade from a university or a recognized institution of higher learning and at least 5 years of teaching/professional/ administrative experience in Open and Distance Learning Institutions (ODLI).

# admission procedure

Applications for admission to the Ph.D. programme may be submitted on the prescribed form along with a research proposal (about one thousand words) on a selected theme for thesis work at any time of the year to:

Director,  
International Division,  
Indira Gandhi National Open University,  
Maidan Garhi, New Delhi – 110 068  
Phone : +91-11-29533987, 29532304

The research proposal in prescribed proforma should clearly state the problem, objectives, hypothesis, methodology (which may include sampling design, sources of data, data analysis, etc.) and expected outcome of the study. Candidate should consult the teacher/academic i.e. the proposed supervisor with whom she/he would like to work before writing the research proposal.

Ordinarily, the list of approved supervisors will be made available by the School/Centre/Institute concerned. In addition, the candidate can also suggest a person to supervise her/his research work, provided the person is qualified as per the norms laid down by the School Board concerned/Area Committee and approved by the Research Council of the University.

The Student Registration and Evaluation Division (SR&E Division) and the School/Centre/Institute concerned will undertake the admission process as per the criteria prescribed by the Research Council. All applications received by 30<sup>th</sup> September and 31<sup>st</sup> March will be considered for admission to the January and July sessions, respectively. The Registrar, SR&E Division, shall inform the selected candidates of the decision of the competent authority well in time for them to register themselves for either the January or the July sessions.

The Schools/Centres/Institutes may follow one of the following procedures for deciding the cases for admission:

1. Recommend the candidate for direct registration on the basis of her/his research proposal.
2. Suggest to the candidate necessary modifications/changes in her/his proposal and, on carrying out the same to the satisfaction of the School/Centre/Institute concerned, recommend her/his candidature for registration.
3. If the School/Centre/Institute concerned so decides, it shall appoint a Committee of three Experts in the field to be appointed by the Vice-Chancellor to consider the Research Proposal. The Committee may, if required, ask the candidate to present/defend her/his research proposal through tele-mode. The Director of the School/Centre/Institute concerned will prepare the report of the discussions and communicate it to the candidate and the Research Supervisor(s) concerned with appropriate advice. Based on this report, the candidate and Research Supervisor(s) will modify, if necessary, and finalise the research proposal.

On the basis of above procedure, recommendation of the Director of the School/Centre/Institute concerned will be forwarded along with the relevant details and documents for consideration and approval of the Research Council/Research Council's Standing Committee through the School Board/Area Committee concerned.

Notwithstanding the procedures laid down above, the Vice-Chancellor shall have the authority to approve the candidature of any candidate for registration to the Ph.D. Programme and assign Research Supervisor(s) from the approved panel in case she/he is satisfied that the request for such

an approval of the candidate is in the best interests of the candidate as well as the University. The list of such candidates approved by the Vice-Chancellor will be placed before the Research Council for ratification.

## Registration Process

Candidates recommended by the Research Council/Research Council's Standing Committee will be registered for the Ph.D. Programme by the SR&E Division in January or July, depending upon the completion of all formalities for registration.

A candidate who has been offered registration shall deposit the prescribed registration fee within a period of three months. If the candidate fails to submit the fee, the offer of registration shall be treated as cancelled. However, under special circumstances, an extension up to six months may be given by the Vice-Chancellor. A written request to this effect will have to be made to the Registrar, SR&E Division.

## Student Status

The Ph.D. programme of IGNOU can be pursued full-time as well as part-time. All those candidates who are offered a fellowship by the University or any other agency shall register with the University to pursue a Ph.D. programme of the University on a full-time basis and comprise the category of 'full-time students'. The Research Council may, on the recommendation of the School Board concerned/Area Committee, allow students without a fellowship to register as full-time students. The full-time students shall work towards their Ph.D. full-time at the headquarters or at any other institution recognized by the University for the purpose.

Persons employed in any organization and desirous of pursuing the Ph.D. programme may register as part-time students, if they want to pursue their research studies at their own place of work. However, they will work at the University headquarters as and when needed.

All registrations to the Ph.D. programme shall be confirmed only on approval/ratification by the Research Council.

## Duration of Registration

In all cases, the minimum and maximum time for completing the programme shall be 2 years and 5 years, respectively, from the date of registration in the programme. However, under exceptional circumstances, the Vice-Chancellor may allow curtailment or extension of the period.

## Cancellation of Registration

The registration of a candidate may be cancelled for any of the following reasons:

- i) Non-payment of fees.
- ii) Unsatisfactory progress.
- iii) Non-compliance with the provisions of the Ordinances and other Regulations of the University.
- iv) Failure to complete course work and/or submit the thesis within the time limit prescribed.

The Research Council may however consider requests for re-registration. The application for re-registration must be made within a period not exceeding six months from the cancellation of registration and should be recommended by the supervisor(s) and the School Board concerned.

## **International Programme Fee**

### **Applicants from SAARC Countries**

- i) The cost of Application Form is INR 1,000/- to be paid at the time of application.
- ii) The Registration Fee is INR 5,000/- to be paid after application is processed and admission is confirmed along with the annual fee for the first year.
- iii) An Annual Fee of INR 10,000/- to be paid each year or part thereof till submission of thesis.

The remittances are to be made through a demand draft only in favour of Indira Gandhi National Open University, New Delhi payable at New Delhi, India.

### **Applicants from Other Countries**

- i) The cost of Application Form is USD 100/- to be paid at the time of application.
- ii) The Registration Fee is USD 500/- to be paid after application is processed and admission is confirmed along with the annual fee for the first year.
- iii) An Annual Fee of USD 1,000/- to be paid each year or part thereof till submission of thesis.

The remittances are to be made through a demand draft only in favour of Indira Gandhi National Open University, New Delhi payable at New Delhi, India.

NOTE : Fee is non-refundable in any circumstances.

## **Quality Concerns**

A candidate shall be required to submit a thesis in the format as prescribed by the Research Council. The thesis must be a piece of original research work characterized either by the discovery of new facts, invention of new ideas, formulation of new theories, new interpretations of existing theories, or the development of innovative instructional processes, models and systems.

## **Medium of Instructions**

The language in which the thesis and other related work would normally be carried out shall be English or Hindi. In cases where the study pertains to regional languages, the thesis work could be in that language.

## **Supervision**

Every candidate registered in the Ph.D. programme shall be required to pursue the programme under the supervisor(s) recognized by the University. Where there are joint supervisors, one of the supervisors shall be from the University.

The internal supervisor shall be responsible for providing the necessary link between the student and the University for academic, administrative and organizational matters. Supervisory responsibility, however, will be shared jointly in case of joint supervision.

All the Professors and the Readers of IGNOU shall be eligible to be research supervisors of the University. All IGNOU teachers/academics including lecturers/ARDs, with a Ph.D. degree and with at least five years of post-doctoral teaching/research experience shall be eligible to be recognised as research supervisors.

The School Board concerned/Area Committee shall recommend to the Research Council, a panel of experts to be recognized as the research supervisors who may or may not belong to the University. The School Board concerned/Area Committee may also recommend for consideration and approval of the Research Council, a retired teacher identified by the student to act as her/his supervisor(s), provided the teacher is qualified to do so as per the norms laid down by the University.

The University may allow a change of supervisor under exceptional circumstances, on the recommendation of the Research Council.

At any point of time, an internal supervisor shall guide not more than two Ph.D. students and at the most three M.Phil. students.

## **Library Facility**

The University has extended the library facility to the registered students of Ph.D. programme staying in Delhi. However, in the near future the same is likely to be extended to outstation students also. For membership, the student may contact:

**The Librarian**  
Indira Gandhi National Open University  
Maidan Garhi, New Delhi – 110 068

The Library and Reading Hall facilities of ICWA, Sapru House, Barakhamba Road, New Delhi-1 are also available for research scholars/students of the University on producing a letter of introduction as a proof of registration in the University.

## **Monitoring**

Commencing from the date the candidates are short-listed for admission to the programme, each candidate will be attached to a faculty member. Once the candidate registers for the Ph.D. programme, she/he shall be assigned one (or more) research supervisor(s). During the programme period, the student shall carry out the study and related research tasks under the supervision of the research supervisor(s). The supervisor(s) will monitor the student's progress.

## **Progress of Students**

Commencing from the date of registration, a candidate shall submit progress reports every six months in the prescribed format to the supervisor(s). The supervisor(s) shall forward them along with her/his/their remarks and assessment of the work done to the Director of the School/Centre/Institute concerned. The reports shall be sent to the Research Council for review through the School Board concerned/Area Committee. The Research Council's decisions would be communicated to the Registrar (SR&ED).

## Submission of Thesis

After the research supervisor(s) is/are satisfied that the student has acquired a sound understanding of the substance of the thesis and the relevant research approaches, she/he/they will permit the student to proceed with the submission of her/his thesis.

The submission of the thesis will include the following:

- a) The candidate will present her/his thesis work in a 'pre-submission seminar' to be convened exclusively for this purpose by the Director of the School/Centre/Institute concerned. The presentation at the seminar will be followed by a discussion. The audience of the 'pre-submission Seminar' may remain the same as that of the 'Research Seminar'.
- b) After the seminar, the candidate and Research Supervisors will consider the reactions and observations expressed by the participants. The Director of the School concerned and supervisor(s) will then assess whether the candidate has attained the expected level in conceptualization and quality of research work. If their assessment is in the affirmative, the student will be allowed to submit the thesis to the University. However, if it is realized that more needs to be done, the supervisor(s) will suggest to the candidate specific tasks to be accomplished before submission of the thesis. On satisfactory completion of the assigned tasks, she/he will be allowed to submit the thesis.
- c) At least two months before the submission of the thesis, the student shall submit an abstract/summary to the Registrar, S.R. & E.D., through the Director of the School/Division concerned. The same may be sent to the examiners when asking for their acceptance for evaluation of the dissertation.
- d) The thesis work completed by a student, along with her/his synopsis/abstract/summary of the thesis, shall be submitted to the University in a word-processed spiral-bound form. Four copies of the thesis, duly signed by the research supervisor(s), shall be submitted to the University through the Director of the School/Centre/Institute concerned.

## Evaluation of Thesis

- a) The Vice-Chancellor, on the recommendation of the Research Council, will appoint three examiners from a panel of six examiners recommended by the supervisor(s) for evaluating the thesis.
- b) The examiners will submit their evaluation reports to the University individually.
- c) If all the examiners have recommended the thesis for the award of a Ph.D. Degree, the Director of the School/Centre/Institute concerned will organize a *viva voce* examination to be conducted by one of the external examiners after due approval of the Vice-Chancellor. The *viva voce* examination shall be open to all to participate in as observers.
- d) In case any examiner suggests certain modifications and re-submission of the thesis, the same should be communicated to the candidate, who will be asked to resubmit the thesis with all the modifications within six months. The research supervisors(s) will ensure that the suggestions of the examiner(s) are adequately addressed before resubmission of the thesis. The modified thesis shall be referred again to the examiner(s) concerned for re-evaluation.
- e) If one of the examiners does not recommend the thesis for the award of a Ph.D. Degree, the thesis shall be referred to another examiner for independent evaluation. If the fourth

examiner recommends the thesis for the award of a Ph.D. Degree, the *viva voce* examination shall be organized by the Director of the School/Centre/Institute concerned. However, if this examiner also rejects the thesis, the thesis shall be rejected by the University.

- f) The examiners' reports will be shown to the candidate beforehand to enable her/him to address the issues raised therein while preparing to defend the thesis during the *viva voce* examination.
- g) A joint report of the *viva voce* examination will be submitted to the University by the Director of the School/Centre/Institute concerned.
- h) Based on the comments made by the examiners and the deliberations during the *viva voce* examination, the candidate will modify the thesis, if needed. The Research Supervisor(s) will ensure that the suggestions from the examiners are adequately addressed. The candidate will get the thesis finally word-processed and hard-bound on getting certification from the Supervisor(s). Two hard bound copies of the finally approved thesis will be submitted to the University.
- i) All evaluation reports and the final recommendation shall be placed before the Vice-Chancellor for approval. The Vice-Chancellor's decision will be placed before the Academic Council through the Research Council.

### **Award of the Ph.D. Degree**

A student shall be awarded the Ph.D. Degree after the approval of the Academic Council. However, notification & provisional certification after the *viva voce* may be issued by the Registrar, SR&ED, after due approval of the Vice-Chancellor.

### **Removal of Difficulties**

Notwithstanding anything in the above document, the Vice-Chancellor may take such measures as may be necessary in respect of candidates registered with the University.

## LIST OF APPROVED SUPERVISORS FOR GUIDING RESEARCH

### SCHOOL OF HUMANITIES

#### *ENGLISH*

Name of the Supervisor	Area of Specialization
Prof. Asha S. Kanwar (on EOL)	19 <sup>th</sup> Century Novel, Literary Theory, Gender Studies
Prof. Renu Bhardwaj	British fiction, Indian English literature Women's studies and Experiential Learning
Prof. Sunaina Kumar	Indian Fiction in English, Diaspora Literatures, Systemic Research into DE
Prof Anju Sehgal Gupta	Applied Linguistics, ELT, Sociolinguistics, Teacher Training
Prof. Sham Sunder Sharma	Literary Theory, 20 <sup>th</sup> Century Literature Translation, Canadian Literature
Dr. Amiya Bhushan Sharma, Reader	British Poetry, 18 <sup>th</sup> Century Studies (British), Literary Criticism, Comparative Literature
Dr. Nandini Sahoo, Reader	

#### *HINDI*

Name of the Supervisor	Area of Specialization
Prof. Jawarimal Parakh	Adhunik Sahitya, Cinema Aur Jansanchar
Prof. Ritarani Paliwal	Natak Avm Rangmanch, Hindi Kavya, Anuvad, Vyavaharmulak Hindi
Prof. Satyakam	Katha Sahitya, Radio Avm Television Lekhan, Anuvad
Prof. Ram Bux Jat	Hindi Novel and Prem Chand
Prof. Rakesh Vats (on EOL)	Aadunik Hindi Sahitya, Anuvad, Srijnatmak Lekhan
Prof. Shatrughna Kumar	Tulnatmak Bhartiya Sahitya, Dalit Sahitya, Anuvad, Lalitkala, Boudh Darshan, Bhartiya Sanskriti
Dr. Vimal Thorat, Reader	Tulnatmak Sahitiya (Mukhayata Marathi Evam Hindi Mai Dalit Sahitaya), Mahila Lekhan, Madhyakaalin Hindi Marathi Sahitaya
Dr. Jitendra Kumar Srivastava, Lecturer (Sr. Scale)	Katha Sahitya, Adhunik aur Samkalin Kavita

### SCHOOL OF MANAGEMENT STUDIES

#### Panel of Internal Supervisors for Ph.D. Programme in Commerce

Name, Designation	Area of Specialization / Interest
Prof. N.V.Narasimham	Marketing including Commodity Markets, International Business, Financial Markets
Prof. Nawal Kishore	International Business, International Marketing, Foreign Trade
Dr. (Ms.) Madhu Tyagi	Finance and Accounting
Dr. M.S. Senam Raju	Marketing, Banking Accounting

#### Panel of Internal Supervisors for Ph.D. Programme in Management

Name, Designation and Address	Area of Specialization / Interest
Prof. Madhulika Kaushik (on EOL)	Marketing Management Entrepreneurship
Prof. B.B. Khanna	Human Resource Management and Organizational Behaviour
Prof. P.C.Basak	Operations Management, Technology Management, Strategic Management
Prof. (Ms.) G.Subbayamma	International Business, Strategic Management, Public Enterprise Mgmt.
Prof. (Ms.) Srilatha	Human Resource Management and Organizational Behaviour
Prof. K.Ravi Sankar	Financial Management, Financial Services, Mergers and Takeovers

Prof. Kamal Yadava	Marketing Management, Marketing of Services
Dr. Anurag Saxena, Reader	Operation Research, Supply Chain Management
Dr. Neeti Agarwal, Reader	Strategic Management and International Business

**Panel of External Supervisors for Ph.D. Programme in Commerce**

<b>Name, Designation and Address</b>	<b>Area of Specialization / Interest</b>
Prof. R.K. Grover 50/Vaishali, Pitam Pura, Delhi	Accounting, Finance
Prof. Ravindra Vinayak Dept. of Commerce, M.D. University, Rothak – 124001 Haryana  Residential address 2, type 4, University Campus, Rothak-124001	Accounting and Finance
Dr. G.P. Prasain Associate Professor and Head, Deptt. of Commerce, Manipur University, Canchipur, IMPHAL - 795 003 Phone : 0385-2435145 E-mail : <a href="mailto:gprasain@yahoo.co.in">gprasain@yahoo.co.in</a>	HRM, Entrepreneurship Development, Marketing Management, Small Business Management
Dr. Munirammi Reddy Professor of Commerce Sri Venkateswara University, Tirupati – 517502 (A.P.) India  Residential Address: P/F-1, Prakasam Nagar, S.V. University Campus, Tirupati- 517502	Industrial Organization, Human Resource Management and Organisational Behaviour
Prof. A. Shankariah Director/Principal, Post Graduate Centre, Lal Bahadur College, S.V.P. Road, WARANGAL - 506 007 Phone: 0870-2432880  Residential Address: Prof. A. Shankaraiah House No. 2-5-7, Opp. Head Post Office Lane Ramnagar, Hanamkonda, Warangal – 5060010 (A.P.) Phone: 0870-2578460, 2540356, Mob: 9849617999 E-mail: <a href="mailto:Shankariah1@yahoo.com">Shankariah1@yahoo.com</a>	Human Resource Management, Consumer Protection
Prof. I. V. Trivedi Department of Banking & Business Economics Mohan Lal Sukhadia University, UDAIPUR- 313001, Rajasthan Phone: 2414598, Dir. 2412009 Ext. 320, Telefax: 0294-2414598  Residential Address: 8, Brij Vihar, Keshav Nagar, University Road, Udaipur – 313001 Phone: 2414627; E-mail: <a href="mailto:ivtrivedi@rediffmail.com">ivtrivedi@rediffmail.com</a>	Banking, International Business
Professor P. Sudarshan Pillai Professor & Dean, Faculty of Social Science, School of Management Studies Cochin University of Science & Technology, KOCHI - 682 022 Phone: 0484-2575655/2575310, Fax: 2575492  Residential Address: No.5, Type II Quarters, Cochin University Campus, Cochi – 682022 Phone: 0468-2575655	Plantation Management
Prof. Mohammed Altaf Khan Professor & Head, Deptt. of Commerce and Business Studies Jamia Millia Islamia, Jamia Nagar, New Delhi – 110025 Phone: 26984724  Residential Address F-58, Abul Fazal Enclave, Jamia Nagar, New Delhi- 110025 Phone: 26933811, Mob: 9818456796 E-mail: <a href="mailto:maltafkhan@indiatimes.com">maltafkhan@indiatimes.com</a>	General Management and Marketing Management

<p>Professor Bal Krishan Deptt. of Commerce, Himachal Pradesh University, Summer Hill, SHIMLA - 171 005</p>	<p>Finance and Quantitative Techniques</p>
<p>Prof. D. Obul Reddy Director, Department of Commerce District Post Graduate Colleges, Osmania University, Hyderabad - 500 007 Phone: 040- 27097936, 27682396</p> <p>Residential Address: H.No. 25-40/3, Tallabasti Road, East Anandbagh, Malkajgiri, Secunderabad – 500047 Phone: 040-27240169, Mob: 9849945601</p>	<p>Accounting and Finance, Public Sector, Capital Markets</p>
<p>Prof. S. S. Khanka Dean &amp; Head, School of Management Studies Department of Business Administration Tezpur University, Napaam – 784028, Tezpur, Assam</p>	<p>Small Business, Human Resource Development, Corporate Policy</p>
<p>Prof. S. Moharana Professor and Head Post Graduate Department of Commerce (DRS), Utkal University, Vani Vihar, Bhubaneswar – 751004 Phone: 0674-2582251, Telefax: 0674-2585185</p> <p>Residential Address: A-10, Utkal University Campus, Vani Vihar, Bhubaneshwar – 751004, Orissa Phone: 0674-2582250, Mob: 98681086824 E-mail: <a href="mailto:sansibnigaraba55@rediffmail.com">sansibnigaraba55@rediffmail.com</a></p>	<p>Business Finance and Entrepreneurship</p>
<p>Prof. P. C. Maheswari, Director, All India Institute of Management Studies, Vaish Hostel Campus, St. John's College Crossing, M. G. Road, AGRA – 282002</p> <p>Residential Address: 29/104, Namak Mandi, Agra – 282003</p>	<p>Industrial and Labour Economics, Finance and International trade</p>
<p>Prof. Sushil. J. Lalwani Head, Department of Business Finance &amp; Economics, Jai Narain Vyas University, JODHPUR, Rajasthan Phone: 0291-2433056 E-mail: <a href="mailto:lalwani04@rediffmail.com">lalwani04@rediffmail.com</a></p>	<p>HRM, Industrial Relations and Managerial Economics</p>
<p>Professor M.K. Patel Postgraduate Department of Business Studies, Sardar Patel University, VALLABH VIDYANAGAR - 388 12, GUJARAT, INDIA Phone: 91-2692-226873, 230991, Fax: 236475/991</p> <p>Residential Address: "SWAR" Opp. Avichal, Nr. Ambaji Mandir, Bakrot Road Vallabh Vidynagar – 388120</p>	<p>Human Resource Management</p>
<p>Professor N. M. Munshi Professor, Dean of the Faculty, Deptt. of Commerce Bhavangar University, Dairy Road, BHAVNAGAR - 364 002 Phone: 0278-439927, Fax: 0278-513943/426706 E-mail: <a href="mailto:nmmunshi@rediffmail.com">nmmunshi@rediffmail.com</a></p>	<p>Small Scale Sector, Management and HRD</p>
<p>Prof. B. Ramesh Head and Chairman PGBOS, Dean, Faculty of Commerce Sub Post Office Goa University, Teleigao Plateau Goa - 403 206 Phone: 0832-2451378 Ext.: 242/342, Fax: 0832-2451184 E-mail: <a href="mailto:hodcomgu@rediffmail.com">hodcomgu@rediffmail.com</a>; <a href="mailto:brames@rediffmail.com">brames@rediffmail.com</a></p>	<p>Financial Management, Capital Markets, Small Business</p>

Dr. Badar Alam Iqbal Department of Commerce Aligarh Muslim University Aligarh-202002 (UP) India	International Business, International Management, International Marketing, Strategic Management, Multinational Management, Tourism Management, and General Management, International Banking, Human Resource Development and Management. Global Issues in Business, International Finance
Dr. Aziz Ansari Professor of Commerce Department of Commerce & Business Studies Jamia Nagar, New Delhi – 1100025 Phone : 26981717, Ext. 3632, 3633, Dir: 26984724, Fax: 011-26984724  Residential Address H-110, Batla House, Jamia Nagar, New Delhi – 110025 Phone: 26985526, Mob: 9312708128 E-mail: <a href="mailto:aaansari54@yahoo.com">aaansari54@yahoo.com</a>	Accounting, Finance, Marketing & Cooperative Management
Prof. Shivshankar Mishra Former Dean Faculty of Commerce Dr. Baba Saheb Ambedkar Marthwada Univesity Aurangabad- 431004, MAHARASHTRA  Residential Address 19, Rachanakar Colony, Station Road, AURANGABAD-431005	General Management

## SCHOOL OF SOCIAL SCIENCES

### *ECONOMICS*

**Thrust Areas:** a) Development Economics b) Labour Economics c) Social Sector Economics d) Public Economics  
e) Industrial Economics

Prof. Gopinath Pradhan	Development Economics, Industrial Economics, Quantitative Economics, Environmental Economics
Prof. Anjila Gupta	International Trade and Development, Environmental Economics, Public Finance
Dr. Narayan Prasad Reader	Labour Economics, Economics of Education, Problems of Agriculture
Dr. Madhu Bala Reader	Development Economics, Industrial Economics, Research Methods, State in Economic Development, Public/Private Comparison.
Dr. Kaustuva Barik Reader	Environmental Economics, Development Economics, Productivity Analysis
Dr. B.S.Prakash Reader	Employment Planning, Skill Development Programmes, Vocational Education, Productivity Measurement

### *HISTORY*

**Thrust Areas:** a) Economic, Social, Political and Cultural History of Medieval & Modern India b) Art and Architecture c) Tourism (Management, Marketing, Cultural, Planning and Environment) d) Teaching of History and Environmental Education e) Science and Society

Prof. Kapil Kumar	Modern Indian History, Tourism Studies (Management, Marketing, Cultural and Planning), Teaching of History, Environmental Education
Prof. Ravindra Kumar	Medieval Archaeology, Medieval Indian History, Art and Culture, Environmental Studies, Science & Society
Prof. Ahmed Raza Khan	Economic History of Mughal India, Training in Distance Education
Prof. Swaraj Basu	Socio-cultural History of Modern India, Distance Education Tourism Studies

Dr. Abha Singh, Reader	Medieval Indian History, Socio-Cultural History, Economic History
Dr. Salil Misra, Reader	Communalism and the National Movement, Modern Indian History
Dr. Sangeeta Pandey, Reader	18 <sup>th</sup> Century Indian History
Dr. S.B. Upadhyay, Reader	Modern Indian History, Economic History, Labour Movement, Dalit Studies

#### ***LIBRARY & INFORMATION SCIENCE***

**Thrust Areas:** a) Information Science as a Discipline b) Library and Information Systems, Services and Networks  
c) Information Processing, Organisations and Retrieval d) Information Society e) Informatics / Scientometrics, Bibliometrics f) Library and Information Science Education

Prof. Uma Kanjilal	Management of Libraries & Inf. Centres, Library Cataloguing and Classification, e-learning
Dr. Neena Talwar Kanungo, Reader	User Studies - Social Sciences, Information Needs – Social Sciences, Information Seeking Behaviour – Social Sciences.
Dr. Jaideep Sharma, Reader	Information Processing and Retrieval, Classification

#### ***SOCIOLOGY***

**Thrust Areas:** a) Sociology of Environment and Development b) Family, Marriage and Kinship c) Sociology of Deviance d) Sociology of Religion e) Gender Studies.

Prof. Debal K. Singharoy	Agrarian Studies, Social Movement, Women's Studies, Social Development, Distance Education, Marginalized Groups
Dr. Tribhuvan Kapur, Reader	Sociology of Religion, Sociology of Deviance, Sociology of Popular Culture
Dr. Archana Singh, Reader	Social Stratification and Change in Indian Society, Social Anthropology, Sociology of Environment & Development
Dr. Nita Mathur, Reader	Cultural Studies, Sociology of Education, Ecology and Environment Studies, Arts & Aesthetics, Tribes
Dr. R. Vashum, Lecturer	Social Change, Social Movements, Ethnicity, Collective Rights, Tribal & Marginalized Studies

#### ***POLITICAL SCIENCE***

**Thrust Areas:** a) Constitution and Democracy in India b) Third World and Development Studies c) Human Rights, Consumer Protection and Issues in Social Education d) International Relations : Theory and Practice e) Area Studies: South Asia, Asia Pacific and Australian Studies f) Contemporary Political Theory & Indian Political Thought.

Prof. Pandav Nayak	Political Economy of Developing States, Human Rights, Constitution and Democracy in India, Consumer Protection
Prof. Amarjit Singh Narang	Indian Government and Politics, Comparative Politics, Human Rights Education, Constitution & Democracy, Third World and Development Studies
Prof. Darvesh Gopal	International Relations, Asia Pacific and Australian Studies, Sustainable Development, Trade & Diplomacy
Dr. Anurag Joshi, Reader	International Relations, Asia Pacific and Australian Studies, Political Theory, Political Thought, Comparative Politics
Dr. S. Vijayasekhar Reddy, Reader	Development Studies, International Studies, South Asia Studies
Dr. Jagpal Singh, Reader	Agrarian Politics, Identity Politics, Democracy, Third World & Development Studies, Political Theory & Political Thought

### ***PUBLIC ADMINISTRATION***

**Thrust Areas:** a) Disaster Management b) Public Policy c) Administrative Theory d) Development Administration  
e) Health Administration

Prof. Pardeep Sahni	Public Policy, Disaster Management, Administrative Theory
Prof. E. Vayunandan	Local Governance Labour Administration, Administrative Theory, Human Rights Education
Dr. Alka Dhameja, Reader	Drought Management, Public Policies, Administrative Theory, Governance
Dr. Uma Medury, Reader	Public Sector, Disaster Management, Administrative Theory
Dr. Dolly Mathew, Reader	Health and Hospital Management, Administrative Theory, e-Governance
Dr. Durgesh Nandini, Reader	Disaster Management, Public Policy and Development Administration

### **SCHOOL OF SCIENCES**

#### ***MATHEMATICS***

**Thrust Areas:** a) Algebra, Math Education b) Differential Equations c) Harmonic Analysis

Prof. Parvin Sinclair	Algebra, Math Education
Prof. Poornima Mital	Differential Equations
Prof. Sujatha Varma	Harmonic Analysis

#### ***PHYSICS***

**Thrust Areas:** a) Solid State Physics and Materials Science b) Energy Studies c) Plasma Physics d) Physics Education

Prof. S.C. Garg	Energy Studies, Physics Education
Prof. Vijayshri	Physics Education
Dr. S.R. Jha, Reader	Experimental Solid State Physics, Physics Education
Dr. Shubha Gokhale, Reader	Materials Science, Electronics, Optoelectronics, Communications
Dr. Sanjay Gupta (on EOL), Lecturer (Sr.Scale)	Neutron Transport
Dr. Prabhakar Singh, Lecturer	Experimental work in Materials Science

### **School of Education**

#### **Panel of Internal Supervisors for Ph.D. in Education**

Prof. M.C. Sharma	Teacher Education, Educational Evaluation, Educational Technology and Educational Psychology, Science Education.
Prof. S.V.S. Chaudhary	Educational Technology and Teacher Education.
Prof. M.L. Koul	Teacher Education, Curriculum Development, Educational Technology, Distance Education, General Education Research
Prof. C.B. Sharma	ICT in Education & Training, Language Education and Educational Research.
Prof. Nirod Kumar Dash	Instructional Technology, Educational Technology, Educational Evaluation, Teacher Education and Educational Psychology.
Prof. Vibha Joshi	Teacher Education, Primary Education and Guidance and Counseling.

Panel of External Supervisors for Ph.D. in Education

Prof. N. Vedamani Manuel 40 Kairali Nagar, Kandhirampara Thiruvananthapuram, Kerala – 695030 0471 – 361965 (R)	Curriculum Transaction, Futurology of Open Education (in an information age), History/Philosophy of Open Education
Prof. A. Sukumaran Nair Harimandiram, Vanchiyoor, Trivandrum, Kerala – 695 001 0471 -470700 (R), 0471-481565 (O)	Psychometrics, Mathematics Education, Curriculum Development, Educational Administration & Management
Prof. Seetharamu Institute for Social and Economic Change Nagarabhavi, Bangalore, Karnataka – 560072 080-3211212 (R), 080-3215180 (O)	Economics of Education, Sociology of Education, Development Education
Prof. T.K. Jaya Laxmi Director, R.V.Educational Consortium, 2 <sup>nd</sup> Block, Jayanagar, Bangalore, Karnataka – 560011 080-6612408 (R), 080-6568094 (O)	Science and Maths Education, Instructional Technology, Curriculum Development
Prof. C. Seshadri 16, Gangotri Layout, 1 Cross, II Stage, Mysore, Marnataka – 570009 0821-545612 (R)	Philosophy of Education, Curriculum Theory & Practices, Comparative Education
Prof. G. Kerawalla, CEO, J.N.Tata Endowment for Higher Education, Bombay House, 24, Homi Mody Street, Mumbai, Maharashtra – 400 001 022-4451416 (R), 2867643 (O),	Comparative Education, Management of Higher Education, Education (Including Teacher Education)
Prof. A.N. Joshi School of Education, Y.C.M.O.U. Dnyangangotri, Nr. Gangapur Dam, Nashik, Maharashtra – 422 222 0253-313276 (R), 0253-344472 (O),	Teacher Education, Research on Teaching, Distance Education.
Prof. S.S. Kulkarni Narayan Ashram, At & P.O. Koloshi, Tal: Kanakavali, Dist. Sindhudurg, Maharashtra – 416610 02367-37636 (R)	Education Technology, Rural Development, Psychology
Prof. S. Roy B-4/12, Urmi Apartment, Fatechgunj, Vododra, Gujarat-390002 0265-783769 (R)	Teaching, Teacher Education, Educational Technology
Prof. P.K. Sahoo Department of Education, University of Allahabad, Allahabad (U.P) 0532-460860	Distance Education, Educational Technology, Futuristic Education
Prof. T.K.S. Lakshmi 3, Aravinda Niwas, Banasthali Vidyapeeth, Banasthali, Rajasthan-304022 01438-28428 (R), 01438-28430 (O)	Teacher Education, Educational Management, Non Formal Education
Prof. G. Subramaniam Pillay 21 A Santoshpuram Balajinagar, Chennai, Tamil Nadu – 601302	Educational Technology, Educational Evaluation, Methods & Strategies of Teaching & Learning
Prof. Sree Rama Murthy 11-6-405, Nampally, Hyderabad, Andhra Pradesh-500001 040-3391228 (R), 040-7015152 (O)	School Education with Sp. Ref. to primary Educational, Educational Administration Educational Measurement & Evaluation
Prof. Sandeep H.No. 12-13-677/12, Kimtee Colony, Tarnaka, Secodarabad, Andhra Pradesh-500007 040-7173431 (R), 040-7017548 (O)	Psychology, Evaluation, Non-Formal Education
Prof. J.S. Grewal 155, Aradhna Nagar, Kotra Sultanabad, Bhopal – 462003, M.P. 0755-2771055 (R), 9425010454 (M)	Teacher Education Curriculum, Elementary Education, Guidance and Counselling
Prof. R.J. Singh Vice-Chancellor, Mahatma Gandhi Kashi Vidyapeeth, Varanasi, (U.P) – 221002 0542-221268 (R), 0542-223160 (O)	Problems of Indian Education, Teacher Education, Creativity

Prof. Lokesh Koul, Prof. Emeritus 4, Jutog View Teachers' Flats, Summer Hills, Shimla, H.P.-171005 0177-23292 (R), 0177-231653 (O)	Distance/Open Learning, Educational Technology, Educational Testing & Examinations, Educational Management Education of the Disadvantaged SC/ST/Women/Economically & Socially Deprived Groups
Prof. J.N. Joshi Institute for Development and Communication, SCO 1126-27, 1st Floor, Sector-22, Chandigarh – 160022 0172-549370 (R), 707942 (O)	Teacher Education, Measurement and Psychology, Evaluation
Prof. D.S. Yadav Department of Education, Kurukshetra University, Kurukshetra, Haryana – 136119 01744-23098 (R), 01744-20679 Ext. 507 (O)	Educational Psychology, Mental Health, Elementary Education.
Prof. Sachchidanand 157, Kadam Kuan New Area, Raj Kishore Path, Patna, Bihar-800003 0612-6747795 (R), 263650/263427 (O)	Sociology of Education of SC/ST, Adult Education, Non Formal Education and Primary Education
Prof. D.S. Bhattacharjee Dept of Education, Sikkim Govt, College, Gangtok, Sikkim – 737102 0359-31628 (R), 0359-31719 (O)	Educational Management, Distance Education, History of Education
Prof. Kerma S. Lyngdoh Pro-Vice-Chancellor, NEHU, North-Eastern Hill University Campus, Shillong, Meghalaya – 793 022 (0364)-221638 (R), (0364) 250023 (O)	Educational Psychology, Pre-School Education, Education in the North Eastern Region.
Prof. K.S. Mishra Head, Department of Education, University of Allahabad, Allahabad (U.P) – 211002 0532-503988 (R), 460846, 460787 (O)	Cognitive Development, Disadvantaged Children, Science Education
Prof. R.C.Das Plot 329, Acharya Vihar Bhubaneswar, Orissa. 0674-541827 (R)	Educational Measurement, Teacher Education, Science Education
Prof. R.N.Mehrotra 3/189, Prem Nagar, Agra, (U.P) – 282005 0562-570864 (R), 570196 (O)	Teacher Education, Teaching Learning

### School of Continuing Education

#### Panel of Internal Supervisors for Ph.D. in Rural Development

Prof. M.Asalam	Rural Development, Panchayati Raj, Training Methodology, Distance Education
Prof. Gracious Thomas	Rural Development, HIV/AIDS. Family Education, Social Welfare
Dr. Gurchain Singh (SS)	Rural Development, Historical-Materialism, Class Debate in Marxism, New Middle Class in India & Development
Dr. R.P.Singh (SS)	Rural Development, Rural Sociology, Panchayati Raj
Dr. Soumya Kanti Palit	Entrepreneurship, Environment, Non-Governmental Organisations, Rural Development

- For Supervisors in Social Work, Child Development and Women's Studies, the applicants should consult the Director, School of Continuing Education, G-Block, Academic Complex, IGNOU, Maidan Garhi, New Delhi – 110 068. (Telephone No. 29532044).
- For Supervisors in Distance Education, the applicants should consult the Director, STRIDE, Block-14, IGNOU, Maidan Garhi, New Delhi - 110 068 (Telephone no. 29535399).

**Proforma for Preparing Doctoral Research Proposal**  
in  
**Education, Humanities, Social Sciences, Management and Commerce, Rural Development,  
Social Work, Women's Studies, Child Development and Distance Education**

The research proposal should follow the following headings and should be within 3000-5000 words.

**Background and Rationale (1000-1500 words)**

In this part of the proposal, an introduction to the research area along with relevant related literature be given. A theoretical basis to the study be established; a brief review of related studies be undertaken; and an explanation be given as to how this present study is a new study exploring new vistas or extending the exploration of previous research findings. The implications of the study for theory, policy and practice may be underlined. In scientific research, the rationale may underline a previous theorem or formula or a tested hypothesis which needs further investigation.

**Objectives of the study**

Based on the preceding discussion, the objectives of the study should be categorically (point-wise) listed.

**Hypotheses (if any)**

The hypotheses of the study (if any) in research or null form should be stated point-wise, corresponding to the objectives of the study listed above.

**Methods**

The 'methods' section of the proposal should be divided into four sections, given as follows:

*i) Research Methodology*

In this sub-section, categorical statement be made and discussion be undertaken with regard to the exact research method followed in the study. This may include historical, philosophical, case study, descriptive, experimental (and the type of experimental method), or a mixed research methodology. The rationale for selecting the research method be given. For scientific research, an explanation be provided to the nature of experimental design used for the study.

*ii) Population and Sample*

In this section, the population should be categorically defined (geographic, demographic, physical, social and other aspects as appropriate), and the sampling method followed to select the sample be noted. The nature of the proposed sample be stated; and the rationale for selecting the sample method and the sampling (and its size) be underlined. It may also be noted in what way a group of sample or even a single case is representative of the population species.

*iii) Tools and Techniques*

In this section, the various tools and techniques to be adapted or to be developed for use in the study be noted, in relation to the objectives of the study. Reliability and validity of the tools and techniques, as appropriate, should be mentioned. Aspects to be included in the questionnaire/interview schedule/observation schedule/rating scale, etc. should be mentioned. For scientific research, one may underline the process of experimentation and testing, and methods used to observe and/or measure the corresponding changes in the treatment and the depending variables. Also, a brief description may be given on a variety of instruments and objects to be used for conducting the research.

*iv) Procedure of Data Collection*

This section should focus on the procedure/steps proposed to be followed for administration of tools and techniques to collect data, and/or the process of conducting the experiment or case study.

### **Data Analysis and Interpretation**

In this section, proposed methodology to be followed to tabulate/collate various data collected for the study should be noted. Statistical and other qualitative techniques (if any) to be applied for data analysis should be mentioned; and how will the analysis be interpreted in relation to the stipulated objectives and hypotheses of the study and how conclusions be drawn should be noted. In case of experimentation, the stages of the process, and quantitative and qualitative changes/effects and their process of analysis and interpretation should be stipulated.

### **Discussion of Results and Implications of the Study**

In this section, it should be mentioned how the results obtained as above will be discussed; how and in what respect implications for theory, policy and practice be drawn; in what way the results support/contradict previous such findings, and what contribution it makes to scientific theories or interpretations.

### **References**

This section should note the references quoted in the proposal or those which have been consulted to prepare the research proposal. Further, this section should show what referencing style has been followed (and therefore will be followed) in the research proposal/report.

## **Proforma for Preparing Doctoral Research Proposal in Physics**

The research proposal should follow the following headings and should be within 3000-5000 words.

### **Background and Rationale (up to 1000 words)**

In this part of the proposal, an introduction to the research area along with relevant related literature be given. A theoretical basis to the study be established; a brief review of related studies be undertaken; and an explanation be given as to how this present study is a new study exploring new vistas or extending the exploration of previous research findings.

### **Objectives of the study**

Based on the preceding discussion, the objectives of the study should be categorically (point-wise) listed.

### **Statement of the research problem**

The researcher is expected to spell out the specific area/problems chosen for investigation or the hypotheses of the study (if any) in research corresponding to the objectives of the study listed above.

### **Methods**

In this section, the researcher should give a brief description of the Research Methodology including the rationale for selecting it. The tools, techniques and procedures to be adopted for the study should be outlined. A clear statement should be made and discussion should be undertaken with regard to the proposed method to be followed in the study.

### **Data Analysis and Interpretation**

In this section, proposed methodology to analyze data collected for the study should be described.

### **References**

This section should note the references quoted in the proposal or those which have been consulted to prepare the research proposal.

## **Proforma for Preparing Doctoral Research Proposal in Mathematics/ Statistics**

The research proposal should be according to the headings given below, and should be within 3000-5000 words.

### **Background and Rationale (up to 1000 words)**

In this part of the proposal, an introduction to the research area, along with relevant related literature be given. A theoretical basis to the study should be established, a brief review of related studies be undertaken, and an explanation be given as to how this present study is a new study exploring new vistas or extending the exploration of previous research findings.

### **Objectives of the study**

Based on the preceding discussion, the objectives of the study should be categorically (point-wise) listed.

### **Statement of the research problem**

The researcher is expected to spell out the specific area/problem chosen for investigation or the hypotheses of the study (if any) in research corresponding to the objectives of the study listed above.

### **Methodology**

In this section, the researcher should give a brief description of the research methodology, including the rationale for selecting it. The techniques and procedure to be adopted for the study should be outlined. Statistical and numerical tools used (if any) should be mentioned. If the study requires data collection, then the procedure for data collection and data handling should be given.

### **References**

This section should not the references quoted in the proposal, or those which have been consulted to prepare the research proposal.

## GUIDELINES FOR FILLING UP THE APPLICATION FORM

Here are some specific instructions that will help you in filling-up the APPLICATION FORM for admission. The instructions are aimed at getting the correct and accurate information from you so that you do not face the rejection of your candidature when the information is processed.

PLEASE FILL UP THE FORM AND MAIL the same along with attested copies of certificates to the **Director, International Division, IGNOU, Maidan Garhi, New Delhi-110 068 India** along with application fee. Incomplete applications are likely to be summarily rejected without giving any information to the candidate thereof.

Some instructions for filling-up the columns of the application form are:

1. Please write the name of the discipline, like Education, Hindi, History, Physics, etc.
2. If your name has initials, e.g. R. Sharma, then write as:

R		S	H	A	R	M	A
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3. Write your Father's/Husband's/Mother's name (strike out whichever is not applicable). Leave a blank box in between different parts of the name.
4. Write the address for correspondence. Write one letter per box only leaving one box blank between two words. Give a telephone and fax no., if you have access to one; prefixed by Area Code. Give your e-mail address, if you have one.
5. Please give your Enrolment no., if you are already registered for any other programme of IGNOU. Please give the Programme Code of the programme as well.
7. Please give date, month and year of your birth.
8. Please mention your nationality.
9. Please write the name of the country, where you normally reside.
10. Please provide the relevant information and do not leave any item blank. If it is not applicable, write NA.
11. Please mention your educational qualifications starting from matriculation onwards to Research degree. Please attach attested copies of certificates/degrees along with mark sheets.
12. Please enter details of all your work experience.
13. Please mention the area of specialization in the respective degree.

### CHECK LIST

Please check before sending the form to IGNOU whether you have:

- a) Affixed your **photograph** and **signed** over it. Also provide one additional copy of your photograph
- b) Signed the application form at the end and put date.
- c) Enclosed the following:
  - i) Certificates in support of your **educational qualification(s)**,
  - ii) **Experience** Certificate wherever required,
  - iii) **Age** Certificate where required,
  - iv) Photocopy of passport, if you have one.
  - v) Synopsis of proposed research in 1000 words,
  - viii) Demand draft of US\$ 100/- (INR 1000/- for SAARC Applicants) as application fee.



17. **Work Experience** (Please give details chronologically)

SNo	Name of the Institution served with address	Post held	Nature of post (temporary/ adhoc/permanent)	Type of institution and tasks undertaken	No. of years of teaching experience/other experiences

18. **Areas of Specialization** (mention special/optional papers offered) at:

Post-Graduation	
M.Phil.	
Any other degree	

19. Any other work experience relevant to doctoral studies, not covered under 18 above. Mention details of work in specific terms.

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20. a) Specify a theme of research, which you would like to undertake for your thesis work.

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b) Tentative title of the proposed thesis.

c) What kinds of research questions/concerns/problems are uppermost in your mind, which can be tackled through the proposed research?

d) Attach (on separate sheets) a brief research proposal (1000-5000 words) giving relevant details about substantive dimensions of the theme, and methodological details to investigate into the theme systematically.

Annexure No. \_\_\_\_\_

21. How will, in your opinion, the Doctoral Degree from IGNOU help you? (4-5 sentences only)

10. Details of Application Fee

DD Number	DD Date	DD Amount (Strike out one)
		USD \$ 100/- (INR 1000/-)

11 Bank Name and place drawn

Note : Please do not leave any field blank.

### DECLARATION

I declare that the statements made in this application are true and complete to the best of my knowledge and belief. I am aware that if at any stage it is found that the statements made are not true or are incomplete or misleading, the admission, if made will be cancelled and I shall not be entitled to refund of any fee paid by me to the University. Further, I have carefully studied the rules of the University as printed in the Prospectus and I accept them and shall not raise any dispute in future over the same rules.

Place : \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Student

**FORMAT FOR EXPERIENCE CERTIFICATE**

(TO BE PRINTED ON THE LETTERHEAD OF THE EMPLOYER)

(Self employed professional may certify on their own behalf,  
but they should attach copies of their Registration Certificates.)

This is certified that Mr./Ms./Mrs. \_\_\_\_\_

is employed with this school/Institution/Organisation/Office as \_\_\_\_\_

since \_\_\_\_\_.

Place : \_\_\_\_\_

Signature : \_\_\_\_\_

Date: \_\_\_\_\_

Name : \_\_\_\_\_

(in Block letters)

Designation: \_\_\_\_\_

Name of School/Institution/ \_\_\_\_\_

Organisation/Office \_\_\_\_\_

(Seal/Stamp) \_\_\_\_\_