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Governor's Secretariat  
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**Vice Chancellors,  
All State Universities**


As per directions of Hon'ble Governor and Chancellor, a committee was constituted to frame uniform guidelines for running the Phd. Courses in State Universities of Rajasthan.

After due consultation with State Government and all Vice Chancellors, the draft guidelines have been approved by Hon'ble Governor and the Chancellor. A copy of the same is enclosed.

The guidelines may be therefore, adopted and implemented by all State Universities under intimation to this Secretariat.

Yours sincerely,

Encl: As above.

  
(Sreya Guha)  
Secretary

## **Guide Lines to be adopted for award of Ph.D Degree in State Universities in Rajasthan**

### **1. Research Areas, Priorities and Potential Supervisors:-**

- i. All Universities shall identify the broad areas/ sub areas for research depending upon availability of experts in the Universities and the same shall be displayed on the website. This shall be updated from time to time.
- ii. In order to promote qualitative research, the fields/ topics for research shall be decided in contemporary context.
- iii. All Universities shall prepare a comprehensive list of eligible supervisors with their areas of expertise. This list shall be displayed on website of individual universities and shall be updated from time to time.
- iv. The details of filled and vacant seats with each supervisor shall also be uploaded on the website of respective universities.
- v. Before commencement of admission process, the matrix of vacant seats shall be displayed on the website of respective University and normally no change shall be made once it is published on website.

### **2. Eligibility for Admission**

#### **2.1 Eligibility for Full time Research Scholar:**

A candidate possessing the qualifications in appropriate areas and fulfilling the eligibility criteria as prescribed below, shall be eligible for admission to PhD programme in the respective subject.

- i. Master's degree in the appropriate discipline of any recognized University/Institute or equivalent, with a minimum of 55% marks in aggregate (of all the years/ semesters) where marks are awarded or minimum equivalent Cumulative Grade Point Average (CGPA) as defined by AICTE/UGC or any other competent body as the case may be.
- ii. A relaxation of 5% or equivalent grade point in the minimum eligibility shall be applicable to the applicant belonging to the categories of SC/ST/OBC (Non Creamy Layer) and Differently abled persons or categories decided by UGC or those who had obtained their Masters Degree prior to 19<sup>th</sup> September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace marks procedure.
- iii. Candidates who have cleared the MPhil course work with at least 55% marks in aggregate or its equivalent grade B in the UGC 7 point scale (or an equivalent grade in point scale wherever grading system is followed) and successfully completing MPhil degree shall

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be eligible to proceed to do research work leading to the PhD Degree in the same Institution in an integrated program. A relaxation of 5% or equivalent grade point in the minimum eligibility shall be allowed to the applicant belonging to the categories of SC/ST/OBC (Non Creamy Layer) and Differently abled persons or categories decided by UGC.

iv. A person whose M.Phil. Dissertation has been evaluated and viva voce is pending may be admitted to the Ph.D programme of the same institute, where ever applicable.

v. Candidates possessing a Degree considered equivalent to M.Phil degree of an Indian Institution, from a Foreign Educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to Ph.D programme.

vi. Candidates for full time research programme shall preferably be permitted having sponsorship/assistantship/fellowship/any financial support from university/state or national level agency, etc., however, candidates without any financial support as above, shall not be disqualified to take admission to full time Ph.D programme.

2.2 . Eligibility for Part-time Research Scholar: In addition to the educational qualifications mentioned at 2.1(i) and (ii) the applicant shall prove the following to the satisfaction of the DRC (Departmental Research Committee):

i. Permission of the employer in writing to the candidate, to pursue Ph.D programme along with his/her regular duties in the organization he/she is employed.

ii. Availability of all facilities for pursuing research at the candidate's parent organization / place of work, in the chosen field of research.

iii. Certificate issued by the employer to allow him/her to fulfill the residential requirement during course work and contact days with supervisor after completion of the course work as notified by University from time to time

### **3- Duration of Research Work:-**

i. Ph.D programme shall be for a minimum period of 3 years including course work and maximum of 6 years for full time





research scholars and 4 years including course work and maximum of 7 years for part time research scholars.

- ii. The extension beyond the above limits may be permissible for a further period of one year on case to case basis by the University. No further extension shall be granted after this period and candidates shall be required to re-register afresh beyond this period.
- iii. Women candidates and persons with disability (more than 40% disability) may be allowed a relaxation of two years in maximum period. In addition the women candidates may be provided maternity leave / Child care leave once in entire duration for up to 240 days.

#### 4- Procedure for Admission:

- i. All Universities shall conduct an annual entrance test at pre-notified date for admission to PhD Programme. The second test may be conducted if seats remain vacant after first test.
- ii. All universities shall decide the predetermined and manageable number of Ph.D scholars to be admitted depending upon the number of available supervisors and other academic and physical facilities available, the norms regarding scholar - teacher ratio, laboratory, library and such other facilities.
- iii. All universities shall notify well in advance on their web sites and through advertisement in at least two (2) news papers having wide publicity of which at least one shall be in the regional language, the number of seats for admission/subjects/discipline-wise distribution of available seats, criteria for admission, admission procedure, examination centers where entrance test shall be conducted and other relevant information for the benefit of the candidates.
- iv. All universities shall adhere to the State Reservation Policy.
- v. The entrance test shall be of qualifying nature with qualifying marks as 50%. The syllabus for the entrance test shall consist of 50% of research methodology and 50% subject specific. The paper shall consist of 100 objective type multiple choice questions.
- vi. Qualified candidates, maximum twice the number of seats, shall be called for interview/viva-voce before the Departmental Research Committee to discuss their research interest / area and give a presentation on the same.
- vii. All candidates who qualify UGC- NET( including JRF/UGC-CSIR NET including JRF/SLET/Teachers fellowship holders) shall be exempted from PhD entrance test and will be called for interview. Final selection shall be as prescribed in these regulations. If number of such qualified candidates is equal to or more than twice the number of seats as specified in 4(vii), University may not conduct the entrance test.
- viii. The interview / viva-voce shall also consider the following aspects -
  - The candidate possesses the competence for proposed research work.





- The research work can be suitably undertaken at the Institution/College/Research Centre.
  - The proposed area of research can contribute to new /additional knowledge.
- ix. Preference of candidate for supervisor shall be considered. However, recommendation of DRC shall be final.

#### **5. Final Selection of the Candidates**

- i. If the number of seats is equal to or more than the qualified candidates, the DRC may recommend all or less number of candidates depending upon the criteria specified at 4(viii).
- ii. If the number of seats is less than the number of qualified candidates the final selection shall be made on the basis of merit in the qualifying test and viva voce/ interview.
- iii. All admissions shall be final subjected to the approval of Research Board of respective universities.
- iv. Each University shall maintain the list of all PhD registered students on its website on year wise basis. The list shall include all information including Aadhar Number as stipulated by UGC in the Performa informed vide letter dated 9th March'17.

#### **6. Norms for approval of Research Supervisor:-**

- i. All research work leading to the award of PhD degree shall be carried out under the supervision of the registered research supervisor(s) of the University either in the University Department/Institution/College or at approved research centers of the University.
- ii. All faculty members who were recognized as Research Supervisors by the respective universities before the implementation of UGC Regulations-2016 for Ph.D/M.Phil , shall continue to act as Research Supervisors.
- iii. Any regular Professor of the University/Institution/Deemed to be University/ College with at least five research publications in refereed journals and any regular Associate/ Assistant Professor University/Institution/Deemed to be University/ College with a Ph.D Degree and at least two research publications in refereed journals shall be recognized as Research Supervisor.  
Provided that in areas /disciplines where there are no or very limited number of refereed journals, the Institution may relax the above condition for recognition of a person as Research Supervisor with reason recorded in writing.
- iv. Only a full time regular teacher of concerned University/Institution, Deemed to be University/ College can act as a supervisor. The external Supervisors are not allowed. However, Co-Supervisors can be allowed in



interdisciplinary areas from the department of the same institute or other related institutions with approval of Research Board.

- v. The allocation of Research Supervisor for a selected research scholar shall be decided by the Department concerned depending upon the number of scholars per supervisor, the available specialization among the supervisors and research interest of the research scholar indicated at the time of interview/ viva-voce.
- vi. In case of topics that are of inter disciplinary nature where the department concerned feels that the expertise in the department has to be supplemented from outside, Department may appoint a Research Supervisor from the Department itself, who shall be known as Research Supervisor and a Co-Supervisor from outside the Department/ Faculty/College/Institution on such terms and conditions as may be specified and agreed upon by the consenting Institution/College.
- vii. At any given point of time the Research Supervisor/Co-supervisor shall not be allowed to guide research scholars more than the number as specified below:  
(i) Professor- 08    (ii) Associate Professor - 06    (iii) Assistant Professor- 04.
- viii. In case of relocation of a Ph.D scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the scholar intends to relocate, provided all the other conditions in these regulations /guidelines are followed in letter and spirit and the research work does not pertain to project secured by the parent institution/ supervisor from any funding agency. The scholar shall however give due credit to the parent guide and institution for the part of research already done.
- ix. The faculty members working in Government /Autonomous Universities, may not be allowed to act as Supervisors in Private Universities.
- x. A faculty member willing to act as Research Supervisor shall have to apply for registration as Research Supervisor through Dean(Research) in prescribed form to the Research Board. The Research Board shall notify the approved Research Supervisors of the University.
- xi. In special circumstances, a full-time research scholar may be permitted to carry out his research outside the University/Research Centre subject to the approval by the Research Board on the recommendations of DRC. In such cases one co-supervisor is a must from the approved work place.
- xii. No person shall be allowed to supervise one's close relations. The term close relation includes spouse, children, sister, brother, grand children, nephew, niece, grand niece, grand nephew, uncle, aunt, first cousin, son-in-law, daughter-in-law and nephew, niece, grand niece and nephew of supervisor's wife.





xiii. A person having less than two years to his retirement shall not be allotted a new research scholar.

xiv. Universities shall make appropriate provision so that eligible research supervisors do not refuse to guide research scholars.

7. **Appointment of Supervisors and Caretaker Supervisors:** A faculty member appointed as a PhD supervisor is normally expected to be available to a research scholar in the Institution/ University till the thesis is submitted. However, under unavoidable circumstances, such as long leave for more than twelve months, resignation, retirement, or death, a supervisor may not be available to the research scholar. In such extraordinary circumstances, appointment of new supervisor(s) shall be regulated as under:

i. Long leave for more than twelve months:

a) The supervisor of a candidate proceeding on long leave for more than twelve months can continue to supervise, the candidate provided he/she has supervised the candidate for at least two years.

b) If the thesis has been submitted before the supervisor proceeds on leave, he shall continue to be the supervisor.

c) Further, if a major revision becomes necessary, and the sole supervisor is on leave, he shall be asked to specifically state whether he would effectively help the student carrying out the major revisions within a reasonable period. In case, the sole supervisor expresses his inability to do so, then another supervisor shall be appointed. If he provides the required help in carrying out the major revision, he will automatically be treated as a supervisor of that research scholar.

d) If a supervisor proceeds on leave for a period less than 12 months initially, but later extends his leave beyond 12 months, the procedure as per 7(i) shall be followed.

ii. **Retirement:** A faculty member who is due to retire within the next two years may be appointed as a co-supervisor and can continue to be the co-supervisor even after his retirement provided the DRC is convinced of his availability / continued guidance to the student. In other cases, a faculty member on retirement may continue as a supervisor/ co-supervisor, if reemployed or appointed as Emeritus Fellow; or, Honorary Professor; or, if the synopsis of the thesis has been submitted. Appointment of another Supervisor, if necessary, shall be as per the guidelines, as the case may be.

iii. **Resignation:** A new Supervisor shall be appointed, as per the guidelines at point 6.





- iv. Death: A new Supervisor shall be appointed, if necessary, by Research Board on the recommendation of DRC.

#### **8. Course Work:-**

- i. All Universities shall prescribe course work in line with UGC guidelines.
- ii. The course work shall be examined by internal evaluation of 40% weightage and end term evaluation of 60% weightage.
- iii. The internal evaluation shall consist of tests/ seminar presentation and end term examination shall be conducted as per norms of other university examination.
- iv. The candidate must get minimum 55% marks or equivalent grade point to pass the course work.
- v. Duration of course work shall be maximum upto 6 months. This duration shall be counted in completion of research work. In case a candidate fails in course work examination fully/partially, he shall be allowed to reappear in the next course work examination conducted by the University on deposition of prescribed fee/registration fee as per the individual Universities Rules. However, attendance shall not be compulsory for reappearing in the course work examination. The course work examination shall normally be conducted twice a year.
- vi. If a candidate fails to clear course work examination in two attempts, his/her admission shall be treated as cancelled.
- vii. Candidates already holding M.Phil degree and admitted to the PhD Program or those who have already completed the course work in M.Phil and have been permitted to proceed to the PhD in integrated course may be exempted by the department from the PhD course work.

#### **9. Process for Approval of Research Proposal.**

- i. After completion of course work each research scholar shall submit his research proposal as approved by the allotted supervisor(s) to Head of the Department concerned for consideration of the DRC.
- ii. The DRC shall consist of the DRC members, supervisor(s) and one subject expert (to be appointed by the DRC Chairperson from a panel of names suggested by the supervisor).
- iii. The committee shall examine the research proposal and suggest suitable modification/alterations if any. The student shall incorporate suggested changes and resubmit the research proposal to the satisfaction of the committee.
- iv. The committee shall submit the research proposal to the Research Board for approval.
- v. If at any stage, the student wishes to modify the research plan and/or change the title of the thesis approved earlier, supervisor shall arrange the proposal to be put before the committee and the student shall make a presentation before it with the details of the proposed modifications





and its justifications. The committee shall make appropriate recommendations for approval of Research Board.

**10. Performance Monitoring of Research Work:-**

- i. Progress of the research work of all research scholars in the department shall be reviewed at the end of each semester by respective DRC.
- ii. Each research scholar shall appear before the Research Advisory Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. Six monthly progress report shall be submitted by the Research Advisory committee to the Dean /Director (Research) and copy to the Research Scholar, till the thesis is submitted. The RAC shall evaluate and send the evaluation report in the prescribed form to the DRC Chairperson for appraisal with anyone of the following recommendations.
  - o allowed to enroll in the next semester and continue research;
  - o allowed to enroll and continue research but with suggestions for improvement;
  - o Advised to discontinue as the performance is very poor. In that case the matter shall be referred to the Research Board for final decision.

**11. Evaluation of Research Work before Thesis submission/ Panel of Examiners:-**

- (i) Pre-Thesis Submission Seminar
  - a. DRC shall assess the work through a pre-thesis submission seminar. The research scholar can submit the synopsis only if the DRC is satisfied about the quality of the work for submission as a PhD thesis. The DRC chairperson shall forward recommendations to Research Board and copy to Dean (Research)/Director Research.
  - b. The pre-thesis submission seminar shall be adequately notified by supervisor so as to enable interested faculty members and students to attend it.
- (ii) Synopsis
  - a. The research scholar shall submit eight copies of the synopsis after the presentation of pre-thesis submission seminar.
- (iii) Panel of Examiners
  - a. University shall prepare an exhaustive panel of experts in various subject areas through the respective DRCs. The panel so recommended shall include at least 50% of the examiners from abroad/premier institutions like IITs/CSIR Laboratories/Central Universities/DRDO/ NITs/ IIMs/IITMs/IIITs or eminent scholars from outside the state. The



examiners should be eminent experts in the subject areas of the research scholar's thesis with proven record.

- b. Vice Chancellor shall be authorized to send the thesis to an appropriate expert out of the list prepared at para 11[iii(a)] . However, he shall be authorized to add more experts and send thesis for evaluation.
- c. No close relations of candidate shall be permitted to act as examiner(s).

(iv) Thesis Submission

- a. The thesis shall bear evidence of the research scholar's capacity for analysis and judgment as well as his ability to carry out independent investigation, design or development. No part of the thesis or supplementary published work shall have been submitted for the award of any other degree or diploma.
- b. A research scholar may be permitted to submit his thesis only if he has published at least one paper in referred International/National journal and have presented two paper in National /International Conference.
- c. The thesis shall be written in English/Hindi in the specific format and shall contain a critical account of the research work carried out by the research scholar. It shall be characterized by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development or a combination of these. The format, front page/cover format and color codes of the binding and copyright certificate shall be as specified by the University from time to time.
- d. In cases of PhD in any language, thesis may be submitted in that particular language.
- e. Initially the research scholar is required to submit five copies of the thesis in soft binding / spiral binding for evaluation of the thesis.
- f. The research scholar shall also submit the data / software etc used for analysis and deriving the results, to DRC.

**12. Evaluation of Thesis:-**

- i. The thesis shall be evaluated by Board of three examiners consisting of one Internal Examiner ie the Thesis Supervisor and two external examiners of whom at least one shall be called from abroad/ premier /out of state institutes.
- ii. Anti-plagiarism: The Universities shall evolve a mechanism using well developed software and gadgets to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation the dissertation/ thesis shall have an undertaking from the research scholar and a certificate from the Research Supervisor attesting to the originality of the



work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out or to any other Institution.

- iii. The entire process of evaluation of PhD thesis shall be completed within a period of six months from the date of submission of thesis.
- iv. Each examiner shall be requested to submit a detailed assessment report and his recommendations on the prescribed form to the Dean /Director (Research) within three months of the date of receiving the thesis.
- v. In the event of the thesis report not being received from an examiner within a period of three months, the Dean /Director (Research) may seek approval of Vice Chancellor for appointment of another examiner.
- vi. Examiners shall examine the thesis individually with a view to judge whether the thesis is a piece of research work characterized by;
  - o discovery of facts, and/or
  - o a fresh approach towards interpretation and application of facts or theories, and/or
  - o distinct advancement in technology/ science/ techniques etc.
- vii. The examiner shall be required to give his opinion about research scholar's capability for critical examination and sound judgment. All examiners shall submit the reports on the prescribed format clearly indicating one of the following four definite recommendations:
  - o The thesis is recommended for the award of PhD, with/ without viva-voce examination.
  - o The thesis is recommended for the award of PhD Degree subject to the research scholar giving satisfactory answers to queries, specifically mentioned in the report, at the time of Viva-voce examination, or incorporation of suggestions, modifications, and corrections if any.
  - o The research scholar be allowed to resubmit his thesis in the revised form.
  - o The thesis is rejected.
- viii. The University shall take a decision on the basis of recommendations of the examiners according to Table given below:

S.No.	Recommendation of Examiners			Decision
	1	2	3	
1	Accept (without viva-voce)	accept (without viva-voce)	accept (without viva-voce)	Thesis Accepted

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2	accept	accept	accept	Thesis Accepted
3	reject	reject	reject	Thesis Rejected
4	accept	accept	reject	*A
5	accept	reject	reject	*B
6	accept	revise	reject	*C
7	accept	revise	revise	
8	revise	revise	revise	
9	revise	revise	reject	
10	revise	reject	reject	Thesis Rejected
11	accept	accept	revise	*C

\*A If the thesis is recommended to be rejected by one of the three examiners, fourth examiner (from the same category as laid down in) shall be appointed from the approved panel of examiners. In case the fourth examiner, after evaluation, recommends

- i) rejection, the thesis would be rejected
- ii) acceptance, the thesis would be accepted after the viva-voce is conducted.
- iii) revision, the thesis would be suitably revised with in a period of one year and resubmitted to the same examiner for revaluation, till acceptance/rejection, and thereafter Table as above shall apply accordingly.

\*B If the thesis is recommended to be rejected by two of the three examiners, the thesis shall not be accepted. However, the research scholar may be allowed to resubmit the thesis normally *within* one year, provided the title of the thesis remains unchanged. Then after normal procedure will be followed for the thesis evaluation.

\*C The thesis would be suitably revised, with in a period of one year, for re-evaluation by the examiner(s) (who has or have recommended revision) till acceptance/rejection, and thereafter Table as above shall apply accordingly.

- (ix) Thesis after successful completion should be uploaded on website as per UGC norms.
- (x) In case of ambiguous recommendations by the examiner, Dean/Director (Research) will approach the examiner for a clear recommendation. In case clear recommendation is not forthcoming, the matter may be referred to the Vice Chancellor for his decision.
- (xi) Any doubt, arising out of following the procedure laid down, shall be referred to the Vice Chancellor for the decision.

### **13. Incentives to Research Supervisors**

- i. Universities shall make suitable provisions for accelerating and creating conducive environment for promotion of research in the university.

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- ii. Universities shall promote teachers to submit research proposal getting funds from UGC/AICTE/DST etc.
- iii. Each Research Supervisor shall be credited a load of 2 periods /week to his /her teaching load irrespective of number of candidates working under him.

#### **14. To improve quality of R & D**

- i. The efforts for R & D should lead to benefit society directly / indirectly.
- ii. Departments shall identify research areas and form research groups consisting of faculty members having common specializations and research interests.
- iii. Departments shall interact with industries to take inputs to define R & D problems. Outcome of such type of R & D efforts may lead to Technology Transfer to industries for improving processes or production of new products / new innovation.
- iv. The R & D activities shall lead to bring external cash flow (ECF) through consultancy and testing, technology transfer / transfer of resources out come, etc. which may be utilized for further development of department and the institute.
- v. The R & D activities shall lead to file patents at national and / or international level.

#### **15. Incentives to Research Scholars:**

- i. Full time scholars may be provided teaching assistantship as per the UGC norms.
- ii. Admission in part-time category may be granted to in-service candidates having a minimum professional experience of one year after his/her PG degree from among faculty members working in any Engineering College / Polytechnic / University / Deemed to be university ( recognized / accredited by appropriate bodies in India) or staff of public / private organizations.
- iii. Ph.D. program in subject areas of inter-disciplinary nature may be allowed. This kind of research should be given due weightage in promotions / selection also.
- iv. The following category of candidates may be exempted from appearing in the admission test.
  - Faculty members under QIP (Quality Improvement Programme)/ FIP (Faculty Improvement Programme) and
  - Candidates qualified in UGC-CSIR, JRF
- v. Tuition fee may be waived off to needy students as per the norms decided by the university.
- vi. Universities may set up research centre in the institutes under their jurisdiction where research guide and research facilities are available.
- vii. For completion of course work the candidates may be permitted be required to take leave of 15 days block, 3 times to complete attendance of

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- 36 hours in each course work. Universities may explore the recognitions of on line courses as course work for research scholars.
- viii. Minimum number of contact days in a academic year may be specified.
- ix. Teaching assistantship provided during the PhD may be considered as teaching experience.
- x. All full time Research Scholars shall be eligible for 30 days leave in an academic year. They shall not be entitled for vacations in the institution/university.

#### **16. Additional Provisions**

- (i) Universities may add provisions, necessary for their respective university, not covered above. University will form all such ordinances and bodies necessary for smooth running of PhD Programme such as Departmental Research Committee (DRC), Research Board etc. The composition, tenure and eligibility of members for DRC/Research Board/ any other body, shall be approved Academic Council of the respective university.
- (ii) The specific condition(s) laid down by the statutory bodies like AICTE (All India Council for Technical Education), MCI (Medical Council of India), VCI (Veterinary Council of India), ICAR (Indian Council for Agriculture Research), COA (Council of Architecture) or any such body, shall be incorporated by the respective universities.
- (iii) If any provision is not covered or if any question arises regarding the interpretation of any provisions of these regulations, Vice Chancellor shall be authorized to take final decision.

#### **17. Depository with INFLIBNET**

- (i) Following the successful completion of the evaluation process and before the announcement of the award of M.Phil/PhD degree(s), the institution concerned shall submit an electronic copy of the M.Phil dissertation/PhD thesis to the INFLIBNET for hosting the same so as to make it accessible to all Institutions/Colleges.
- (ii) Prior to the actual award of the degree, the degree-awarding Institution shall issue a provisional Certificate to the effect that the Degree has been awarded in accordance with the provisions of the UGC Regulations, 2016.

#### **18. Academic, administrative and infrastructure requirement to be fulfilled by Colleges for getting recognition for offering MPhil/PhD Program:**

- (i) Colleges may be considered eligible to offer MPhil/PhD program only if they satisfy the availability of eligible research supervisors, required infrastructure and research promotion facilities as per these regulations
- (ii) Post graduate Department of Colleges, Research Laboratories of Government of India/State Government with at least two PhD qualified teachers/scientists / other academic staff in the department concerned along with required infrastructure, supporting administrative and



research promotion facilities as per UGC Regulations shall be considered eligible to offer PhD program. Colleges should additionally have the necessary recognition by the Institution under which they operate to offer PhD PROGRAM

(iii) Colleges with adequate facilities for research as mentioned below alone shall offer PhD program:

- In case of science and technology disciplines, exclusive research laboratories with sophisticated equipments as specified by the Institution concerned with provision for adequate space as per research scholar along with computer facilities and essential software and uninterrupted power and water supply
- Earmarked library resources including latest books, Indian and International journals-journals, extended working hours for all disciplines, adequate space for research scholars in the Department library for reading, writing and storing study and research materials
- Colleges may also access the required facilities of the neighboring Institutions/ Colleges or of those Institutions/Colleges/R&D laboratories/Organizations which have the required facilities.

*N. K. Singh*