ORDINANCE NO. - 10

[Ordinance for Doctor of Philosophy (Ph.D.) Degree in Engineering/Science/ Management/Humanities & Social Science (HSS)] (Under Credit Based Grading System)

Subsequent Ordinance No.-10 has been made in accordance with Section no. 29 of the Madhya Pradesh Niji Vishwavidyalay (Sthapana Avam Sanchalan) Adhiniyam, 2007. This Ordinance will be applicable for Full Time & Part Time basis Ph.D. Programme.

- 1. The higher degree in research field in the different specializations such as Engineering, Science, Management, Humanities & Social Science and Mathematics is referred as Ph.D. As per the guidelines, the duration of the doctorate degree in Engineering stream is 02 Yrs (minimum) and 06 Yrs (maximum) and for the Science and Management / Humanities & Social Science stream are 03 Yrs (minimum) and 07 Yrs (maximum) through full time as well as part time basis. The degree shall be designated as DOCTOR OF PHILOSOPHY (Ph.D.) in the respective branches/research area.
 - (a) The doctorate degree of Doctor of Philosophy (hereinafter called Ph.D.) shall include the branches as under:-
 - (i) Electronics & Communication Engineering (ECE)
 - (ii) Computer Science & Engineering (CSE)
 - (iii) Chemical Engineering (CHE)
 - (iv) Civil Engineering (CE)
 - (v) Mechanical Engineering (MEC)
 - (vi) Environmental Engineering (ENV)
 - (vii) Sciences i.e. Physics, Chemistry
 - (viii) Mathematics
 - (ix) Management/Humanities & Social Science (HSS)
 - (b) The studies and examination of these Ph.D. courses shall be on the basis of marks-cumcredit system but final evaluation shall be by the grading system.

2. Admission

- (a) Minimum qualification for admission to the first year Ph.D. in Engineering Stream shall be M.E./M.Tech. in appropriate branch with at least 60% marks aggregate or its equivalent CGPA from any recognized university/institutions/technical university/Deemed university or any other qualification as recommended by UGC/AICTE for a particular course.
- (b) Minimum qualification for admission the first Ph.D. year in Science/Mathematics/humanities/Management Stream shall Degree/M.Phil. in appropriate specialization with at least 60% marks aggregate or its equivalent CGPA from any recognized university/institutions/technical university/Deemed university or any other qualification as recommended by UGC/AICTE for a particular course.

- (c) The Ph.D. Entrance Test will be conducted by the university; all applicants who qualify in the entrance will have to face the personal interview. Candidates are required to discuss their research interests and proposed research work at the time of the Interview.
- (d) Applicants who have qualified NET/GATE/SLET/UGC/CSIR (JRF) shall be given preference over those candidates who do not possess NET/GATE/SLET/UGC/CSIR (JRF) on a full-time basis.
- (e) All full-time & part-time candidates who have been sponsored for Ph.D. studies must have at least two years experience in the relevant field.
- (f) Reservation Policy will be followed as per GOI and Govt. of MP norms in regard to SC/ST/OBC students admissions in the University.
- (g) Admissions shall be done in the university based on merit.
- (h) The admission to the Ph.D. course shall be governed by the rules of higher education/technical education department of Govt. of India and Govt. of Madhya Pradesh or any other competent authority.
- (i) Instructions, guidelines and recommendations issued by UGC, AICTE, MHRD, Department of Higher Education, MPPURC Bhopal or any other governing/regulatory bodies of the Govt. of India or Govt. of MP from time to time regarding admission process, shall be followed for the perspective year of admissions.
- (j) Recommendations made by Governing Body/Academic Council/Board of Management of the University, in accordance with directives of UGC, AICTE, MHRD, Department of Higher Education, MPPURC Bhopal or any other governing/regulatory bodies of the Govt. of India or Govt. of MP from time to time regarding admission process, shall be final for the perspective year of admissions.

3. Ph.D. Thesis Supervisor (s), their Eligibility Criteria and Allocation

(a) For every PhD student, a PhD Supervisor (s) (hereinafter referred as Supervisor-I) will be decided considering available specializations of the faculty members and research interests of the student. If required additional supervisor (s) (herein referred as Supervisor-II) may be appointed with the approval of the Vice-Chancellor.

There will be a Doctoral Program Monitoring Committee (DPMC) for every PhD Research Scholar. The DPMC will consist of the Dean - Academic/Research (Chairman), respective Supervisor(s), the Head of the Department and three Senior Faculty members (including one from an allied discipline) to be nominated by the Vice-Chancellor.

(b) The Supervisor shall himself / herself be a PhD degree holder.

- (c) The DPMC may permit a supervisor (hereinafter referred as Supervisor-II) from within or outside the university who fulfills the same condition of having a PhD, as the main Supervisor.
- (d) At any given point of time, no Supervisor will have more than 8 PhD students.

4. Course Work

- (a) Every student admitted to the PhD Program will have to register for a minimum of
 - (i) 9 credits of course work to be recommended by the Supervisor(s), if the candidate possesses M.Tech degree.
 - (ii) 18 credits of course work to be recommended by the Supervisor(s), if the candidate possesses Master's Degree in Sciences / Management/Humanities & Social Science (HSS).
- (b) The course work should be successfully completed within the first three semesters after registration.
- (c) The Research Scholar must obtain a minimum of 'B' Grade in every registered course/subject.
- (d) Obligatory courses/subjects are
 - (i) Research Methodologies including Quantitative Methods and Computer Applications 3 Credits.
 - (ii) Review of published Research Work in the relevant field 3 Credits (Literature Survey and Seminar).
 - (iii) (a) One Advanced Level Course/Subject for Scholars having M.E./M.Tech degree 3 Credits

OR

- (b) Four Advanced Level Courses/Subjects for Scholars having Masters Degree in Sciences / Humanities / Management 12 Credits
- (iv) All Courses / Subjects should be relevant to the proposed PhD work. They will be specified by the DPMC on the recommendations of the Supervisor(s).

5. Evaluation and Assessment Methods

- (a) Residential Requirement
 - (i) The registered PhD students are required to work full time throughout the tenure of their PhD Program.

- (ii) However, in special cases of Sponsored students (from recognized Organizations) and Part Time students, the residential requirement may be relaxed to a minimum of one semester. It is desirable that the scholar spends one full year here for conveniently completing the course work and having greater interaction with the Supervisor(s).
- (iii) After successful completion of the minimum residential requirement and satisfactory completion of the course work, the part time candidates, or if sponsored by an Academic/Research Organization/Reputed Industry, may be permitted to return to the parent Organization and continue his/her PhD work there provided
 - (a) He/she is able to get a qualified Supervisor-II in his/her Organization and
 - (b) The Organization has necessary facilities to carry out PhD Research Work.
- (iv) Such candidates will have to be in constant touch with the main university Supervisor-I. It is desirable that they spend at least two weeks every semester in university and interact with the Supervisor-I.
- (v) They have to report for every Semester Seminars and for all Performance Evaluation Requirements in order to renew their Registration.
- (vi) The requirement of the Supervisor-II for such candidates to have PhD Degree may be relaxed, provided, he/she has long R & D experience.
- (b) Process for submission of thesis is as under:-
 - (i) Completed the course work requirement successfully,
 - (ii) Completed the Research Work,
 - (iii) Published at least two papers in referred journals, and
 - (iv) Prepared the draft PhD thesis, and
 - a) Submit a draft Synopsis of the PhD work, and
 - b) Deliver a Synopsis Seminar, which will be open to all Faculty Members and Research Scholars.
 - (v) On the recommendations of the DPMC, the candidate will be required to submit the final PhD Synopsis in the specified format with all suggested modifications included, within one week of the PhD Synopsis Seminar.

- (vi) The candidate will be required to submit his/her PhD Thesis in the specified format and fulfilling other requirements within two months of the submission of the final PhD Synopsis.
- (vii) Two panels each consisting of five Experts having long experience and good standing in the relevant field of the PhD work, will be proposed by the Supervisor to the Vice-Chancellor. The First Panel will have Experts from within India and the Second Panel will have Experts from outside India.
- (viii) The Vice-Chancellor will finalize the Examiners, one from each Panel, to whom the Thesis will be sent for Evaluation after obtaining their consent.
- (ix) The approved Examiners will be approached, along with a copy of the Synopsis, to seek their consent.
- (x) The Supervisor(s) is also required to submit an Evaluation Report on Thesis.
- (xi) The External Examiners are supposed to give their Evaluation Reports with their Recommendations in a prescribed format within ten weeks of the receipt of the Thesis.
- (xii) The External Indian Examiner will also be the Examiner for the Viva-Voce Examination (Open Defense). If the external Indian examiner is unable to conduct Viva-Voce, the Vice-Chancellor can select another expert from India to conduct the Viva-Voce.
- (xiii) The Recommendations and the Evaluation Reports from all the Examiners including the Supervisor(s) will be placed before the Vice-Chancellor for further action.
- (xiv) If the Vice-Chancellor finds the Recommendations and the Evaluation Reports from both the External Examiners Satisfactory, the date of the final Viva-Voce Examination will be decided in consultation with the External Viva-Voce Examiner.
- (xv) In case, the Report(s) and Recommendations of one of the two External Examiners are not Favourable, the Thesis would be sent to another Examiner, from the respective Panel, to be decided by the Vice-Chancellor, for Evaluation.
- (xvi) However, if the Report(s) and the Recommendations from two External Examiners are not Favourable, then the Thesis will be rejected and the PhD degree will not be awarded.

The candidate may, however, be allowed to Re-register to continue the PhD work on the same topic and under the same Supervisor(s) for a minimum period of one year. A fresh Thesis has to be submitted by the candidate within two years. The normal process of the Evaluation will be followed afresh.

- (xvii) Once the Thesis is accepted, the candidate will be required to defend his/her PhD work and the Thesis in an open Viva-Voce Examination. He/she has to answer satisfactorily the queries of the Examiners at the time of the Viva-Voce Examination where the External Indian Thesis Examiner shall be present along with the DPMC members.
- (xviii) On the successful completion of the final PhD Viva-Voce-Examination and evaluation process the report shall be submitted to the V.C. for approving the award of PhD degree to the candidate. Further, the candidate will be required to submit the final version of the Thesis in the required format, incorporating all the suggestions of the Viva-Voce Board, both in Hard as well as Soft forms.
- (xix) After the approval of the Vice-Chancellor, the award of the PhD degree would be announced and a Provisional Certificate would be issued to the candidate.
- (xx) The final Degree will be awarded in the Convocation.

6. Depository with UGC

Following the successful completion of the Evaluation Process and the announcement of the Award of the PhD Degree, a soft copy of the PhD Thesis will be sent to the UGC within a period of thirty days.

7. Award of Credits & Grades

- (a) Each course, along with its weightage in terms of units and equivalent credits, shall be recommended by the Supervisor concerned and shall be approved by the Board of Management, Academic Council and the Governing Body. Only approved courses can be offered during any semester.
- (b) A student shall be continuously evaluated for his/her academic performance in a subject through Lecture, Tutorial work, practical, home assignment, mid-semester tests, field work, seminars, quizzes, end-semester examination and regularity, as proposed by respective Board of Studies and approved by Standing Committee of Academic Council and Governing Body of the university.
- (c) The distribution of weightage/marks for each component shall be decided by the respective of Board of Studies and approved by standing committee of Academic Council and Governing Body of the University.
- (d) Each candidate, registered for a course, shall be awarded grade by the faculty/course coordinator (s) concerned with the specific theory course. The grades awarded to a student shall depend upon his/her continuous evaluation through performance in various examinations, assignments, quizzes, laboratory work, class work, mid semester tests and regularity.

8. <u>Medium of Instruction and Examination</u>

- (a) The medium of instruction and examination shall be English throughout the course of study.
- (b) The subjects to be studied in the Ph.D. programme shall be as per the schemes, approved by the Board of Studies.
- 9. This supersedes Ordinance No.-2(c) of the First Ordinance of the University, published in Gazette Notification of Govt. of Madhya Pradesh at Sr. no. 7 on 17th February 2012.

Initiatives taken by Jaypee University of Engineering and Technology, Guna(M P) for promotion of Research activities

Following initiatives have been taken by the university:

- 1. Preference is given to GATE/ NET qualified candidates for joining Ph D program at the university.
- 2. Teaching assistantship is provided to the deserving candidates, who join Ph D program at the university.
- 3. All the non-Ph D faculty members are motivated to join and complete Ph D.
- 4. It is emphasized to publish research findings in quality research journals, which are indexed with SCI/SCOPUS.
- 5. Researchers at the university are encouraged to collaborate with other reputed research institutions for carrying out quality research.

(Prof P K Singh)

Dean (A&R)

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मध्यप्रदेश राजपन्न

प्राधिकार से प्रकाशित

क्रमांक ०1]

(ग)

भोपाल, शुक्रवार, दिनांक ६ जनवरी २०२३-पौष १६, शक १९४४

भाग ४

विषय-सूची

(क) (1) मध्यप्रदेश विधेयक,

(1) प्रारूप नियम,

- (2) प्रवर समिति के प्रतिवेदन
- (3) संसद् में पुरःस्थापित विधेयक.

(ख) (1) अध्यादेश

- (2) मध्यप्रदेश अधिनियम,
- (2) अन्तिम नियम.

- (3) संसद् के अधिनियम.
- भाग ४ (क)-कुछ नहीं

भाग ४ (ख)

अध्यादेश

उच्च शिक्षा विभाग, मंत्रालय, वल्लभ भवन, भोपाल

भोपाल, दिनांक 26 दिसम्बर 2022

क्र. आर—137—सीसी—17—अड़तीस—मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 29 (1) के अनुक्रम में पीपुल्स निजी विश्वविद्यालय, भोपाल के संशोधन अध्यादेश क्रमांक 36,41 एवं 52 साधारण राजपत्र में प्रकाशन राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे .—

संशोधन अध्यादेश क्रमांक 36, 41 एवं 52.

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार, वीरन सिंह भलावी, अवर सचिव.

- 6.3 The HOD shall forward the sessional awards to the Controller of Examinations at least one week before the commencement of Semester examination.
- 6.4 The question papers will be set and answer-books examined by the external examiner (s) from a panel approved by the Academic Council as recommended by the Board of Studies.
- 6.5 The Practical/Viva-Voce shall be jointly conducted by an External Examiner and Internal Examiner approved by the Academic Council on the recommendation of the Board of Studies.
- 6.6 The amount of examination fee for each Semester examination shall be as prescribed by the University. A candidate who re-appears in one or more paper(s) shall pay fee as for the whole Semester examination.
- 6.7 The medium of instruction and examination shall be English.
- 6.8 The minimum number of marks required to pass the examination in each Semester shall be, as under: (i) 40% in each written paper/practical/seminar/viva-voce examination. (ii) 40% in the aggregate of Sessional and external examination marks for each theory subject/practical paper subject to obtaining pass marks separately in each paper of external examination.

7. CREDIT-BASED SYSTEM OF EVALUATION:

- 7.1 Credit based system followed in the University in order to determine the performance of the candidates will be as under: CREDIT COUNTS: All courses would have a Credit Count and teaching of subjects would be reckoned in terms of Credits. The number of credits of a course shall ordinarily be calculated as under:- (a) LECTURES: One Lecture per week shall be assigned ONE credit. (b) TUTORIALS: One Tutorial per week shall be assigned ONE credit. (c) PRACTICAL'S: One Lab. Period per week shall be assigned HALF a credit. (d) SEMINAR: ONE credit.
- * The Teaching, Examination Scheme and the syllabus of different subjects shall be prepared by the concerned departments and be passed by their respective Departmental Councils. Later on, it will be presented before the Board of Studies and Academic Council for their approval and implementation from the next academic year or the semester as the case may be.

The Reservation to SC/ST/EWS Other category candidates shall be applicable as per the norms of the State Government of Madhya Pradesh.

भोपाल दिनांक 26 दिसम्बर 2022

क्रमांक आर—121—सीसी—21—अड़तीस—मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम—2007 की धारा 29 (1) के अनुक्रम में जे.पी. निजी विश्वविद्यालय, राघोगढ़, गुना के संशोधन अध्यादेश क्रमांक10 एवं 11 साधारण राजपत्र में प्रकाशन राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे.—

संशोधन अध्यादेश क्रमांक10 एवं 11.

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार, वीरन सिंह भलावी, अवर सचिव.

2. Amendment in ordinance no.10

- (i) For existing clause 1 and entries relating thereto the following clause and entries relating thereto shall be substituted, namely:-
 - "1. The higher degree in research field in the different specializations such as Engineering, Science, Management, Humanities and Social Science and Mathematical Sciences is referred as Ph.D. As per the guidelines, the duration of the doctorate shall be 03 Yrs (minimum) and 06 Yrs (maximum) through full time as well as part time basis. The degree shall be designated as DOCTOR OF PHILOSOPHY (Ph.D.) in the respective branches/research area.

The doctorate degree or Doctor of Philosophy (hereinafter called Ph.D.) shall include:

- (i) Electronics & Communication Engineering (ECE)
- (ii) Computer Science & Engineering (CSE)
- (iii) Chemical Engineering (CHE)
- (iv) Civil Engineering (CE)
- (v) Mechanical Engineering (MEC)
- (vi) Environmental Engineering (ENV)
- (vii) Sciences i.e. Physics, Chemistry, Electronics, Applied Sciences
- (viii) Mathematical Sciences i.e. Mathematics, Operations Research, Statistics, Computer Science, Data Science, Applied Mathematics
- (ix) Management/ Humanities & Social Sciences (HSS)"
- (ii) In existing clause 2, under the heading "Admissions", the following sub clause shall be substituted, namely:-

"2 (a) Minimum qualification for admission to the first year Ph.D. shall be M.E./M.Tech./ Master's Degree/M.Phil. in appropriate specialization with at least 55% marks aggregate or its equivalent CGPA from any recognized university/institutions/Technical university/Deemed University or any other qualification as recommended by UGC/AICTE for a particular course. In case of exceptional candidates having B.E/ B.Tech from reputed institutions with minimum five years experience in relevant industry/ research organization, Vice Chancellor can relax the minimum qualification. However in such cases, the candidate has to earn extra course credits as decided by the university.

(b) Deleted

(e) Deleted"

- (iii) In existing clause 3, for existing sub clause (a), the following sub clause shall be substituted, namely:-
 - "(a) For every Ph.D. student, Ph.D. Supervisor(s) will be decided considering available specializations of the faculty members and research interests of the student. If required, co-supervisor (s) may be appointed with the approval of the Vice-Chancellor.

There will be a Doctoral Program Monitoring Committee (DPMC) for every PhD scholar. The DPMC will consist of the Dean – Academic/Research (Chairman), respective supervisor(s), the Head of the Department and three senior faculty members (including one from an allied discipline) to be nominated by the Vice-Chancellor;"

- (b) For existing sub clause (b), the following sub clause shall be substituted:-
 - "(b) The supervisor shall himself/herself be a Ph.D. degree holder and adhering to University/UGC guidelines;"
- (c) For existing sub clause (c), the following sub clause shall be substituted, namely:
 - "(c) The DPMC may with permission of the Vice Chancellor permit a cosupervisor from within or outside the university who fulfills the same condition as the main supervisor."
- (iv) For existing clause 4, the following clause shall be substituted, namely:-

"4 course work.

- (a) Every student admitted to the PhD program will have to register for a minimum of 8 credits and maximum of 16 credits of course work as recommended by the DPMC.
- (b) The course work should be successfully completed within the first two semesters after registration
- (c) The Research scholar must obtain a minimum of 'B+' Grade to qualify every registered course.
- (d) Obligatory courses/subjects are
 - (i) Research Methodologies including Quantitative Methods and Computer Applications
 - (ii) Review of published Research Work in the relevant field (Literature Survey and Seminar)
 - (iii) deleted
- (v) For item (iv) of sub clause (a) of clause 5, the following item shall be substituted, namely:
 - "(iv) Such candidates will have to be in constant touch with the Supervisor(s) from University. It is desirable that they spend at least two weeks every semester in university

- and interact with the supervisor(s)."
- (vi) For item (iii) of sub clause (b) of clause 5, the following item shall be substituted, namely :"Publish at least two papers in refereed indexed journals, and"
- (vii) For item (vi) of sub clause (b) of clause 5, the following item shall be substituted, namely:-

"The candidate will be required to submit his/her Ph.D. thesis in the specified format and fulfilling other requirements within two months of the submission of the final Ph.D. Synopsis. The thesis should adhere to guidelines of the University/UGC on plagiarism"

- (viii) For existing clause 6, the following clause shall be substituted, namely:-
 - "6. Depository with UGC-

Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree, a soft copy of the Ph.D. thesis shall be submitted to the UGC depository."

(ix) For sub clause (a) of clause 7, the following sub clause shall be substituted, namely

"Each course, along with its weightage in terms of units and equivalent credits, shall be recommended by the DPMC and be approved by the Vice Chancellor. Only approved courses can be offered during any semester."

(x) Clause 9 added:

If any question arises relating to the interpretation of the provisions of this ordinance, it shall be referred to the Academic Council of the University whose decision thereon shall be applicable. The guidelines, related to this programme, issued by the statutory bodies e.g. UGC/AICTE etc. issue In matters not covered under this Ordinance, general rules of the University shall be applicable; otherwise the directions of the UGC shall be applicable. If UGC notifies any change in future in its Regulations in this regard, then the same shall be implemented with immediate effect with the approval of Academic Council/Board of Management.

3. A sendment in ordinance no. 11

- (i) For existing sub clause (a) of clause 1, the following sub clause shall be substituted, namely:
 - (a) The postgraduate degree of Master of Science (hereinaster called M.Sc. in Sciences/Applied Sciences/Mathematics/Statistics (M.Stat.) shall include specialization as under:-
 - (i) Physics
 - (ii) Chemistry
 - (iii) Mathematics
 - (iv) Electronics
 - (v) Statistics
 - (vi) Operations Research
 - (vii) Computer Science/ Data Science
 - (viii) Applied Science / Allied Science subjects
 - (ix) Applied Mathematics/ Allied Mathematical Sciences subjects.
- (ii) For existing sub clause (a) of clause 2, the following sub clause shall be substituted, namely:-
 - (a) "Minimum qualification for admission to the first year M.Sc. shall be B.Sc. in appropriate subjects from any recognized university/institutions/technical university/Deemed university or any other qualification as recommended by UGC/AICTE for a particular course".

and interact with the supervisor(s)."

- (vi) For item (iii) of sub clause (b) of clause 5, the following item shall be substituted, namely:-
 - "Publish at least two papers in refereed indexed journals, and"
- (vii) For item (vi) of sub clause (b) of clause 5, the following item shall be substituted, namely:-

"The candidate will be required to submit his/her Ph.D. thesis in the specified format and fulfilling other requirements within two months of the submission of the final Ph.D. Synopsis. The thesis should adhere to guidelines of the University/UGC on plagiarism"

- (viii) For existing clause 6, the following clause shall be substituted, namely:-
 - "6. Depository with UGC-

Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree, a soft copy of the Ph.D. thesis shall be submitted to the UGC depository."

(ix) For sub clause (a) of clause 7, the following sub clause shall be substituted, namely

"Each course, along with its weightage in terms of units and equivalent credits, shall be recommended by the DPMC and be approved by the Vice Chancellor. Only approved courses can be offered during any semester."

(x) Clause 9 added:

If any question arises relating to the interpretation of the provisions of this ordinance, it shall be referred to the Academic Council of the University whose decision thereon shall be applicable. The guidelines, related to this programme, issued by the statutory bodies e.g. UGC/AICTE etc. issue In matters not covered under this Ordinance, general rules of the University shall be applicable; otherwise the directions of the UGC shall be applicable. If UGC notifies any change in future in its Regulations in this regard, then the same shall be implemented with immediate effect with the approval of Academic Council/Board of Management.

3. A sendment in ordinance no. 11

- (i) For existing sub clause (a) of clause 1, the following sub clause shall be substituted, namely:-
 - (a) The postgraduate degree of Master of Science (hereinafter called M.Sc. in Sciences/Applied Sciences/Mathematics/Statistics (M.Stat.) shall include specialization as under:-
 - (i) Physics
 - (ii) Chemistry
 - (iii) Mathematics
 - (iv) Electronics
 - (v) Statistics
 - (vi) Operations Research
 - (vii) Computer Science/ Data Science
 - (viii) Applied Science / Allied Science subjects
 - (ix) Applied Mathematics/ Allied Mathematical Sciences subjects.
- (ii) For existing sub clause (a) of clause 2, the following sub clause shall be substituted, namely:-
 - (a) "Minimum qualification for admission to the first year M.Sc. shall be B.Sc. in appropriate subjects from any recognized university/institutions/technical university/Deemed university or any other qualification as recommended by UGC/AICTE for a particular course".

(iii) Clause 8 added:

If any question arises relating to the interpretation of the provisions of this ordinance, it shall be referred to the Academic Council of the University whose decision thereon shall be applicable. The guidelines, related to this programme, issued by the statutory bodies e.g. UGC/AICTE etc. issued from time to time will be adopted for implementation. In matters not covered under this Ordinance, general rules of the University shall be applicable; otherwise the directions of the UGC shall be applicable. If UGC notifies any change in future in its Regulations in this regard, then the same shall be implemented with immediate effect with the approval of Academic Council/Board of Management.

भाग ४ (ग)

कुछ नही.