



RAJASTHAN TECHNICAL UNIVERSITY

Rawatbhata Road, Akelgarh, Kota-324 010

OFFICE OF THE REGISTRAR

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No. RTU/DEAN/(R)/F (45)/2020/10638-45

Date:- 10/03/2021

OFFICE ORDER

As per the resolution passed for the agenda item No. 31.16 in the Academic Council meeting held on 20th Nov. 2020 and subsequent approval of Board of Management by the resolution for the agenda item 36.7 in the meeting held on 14th Dec. 2020, following amendments in Regulations of Degree of Doctor of Philosophy (PhD) are hereby made:

1. The following addition is made in Regulation R.1.1

e) Self sponsored (without fellowship)

Applicants 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, applicants without any financial support as above shall not be disqualified to take admission to Full time PhD programme and shall be admitted under Self Sponsored Category. The research scholar admitted in this category need to be available in the Institute/Department on daily basis like other Full Time research scholars and shall be eligible for leave as per the provisions contained in Regulation R.13.

2. The following amendment is made in Regulation R.3.3

R.3.3 Limit for supervising Research Scholars by Supervisors

The maximum limit for supervising PhD students as Research Supervisor/Co-Supervisor at a time shall be as follows:

Professor:	8
Associate Professor:	6
Assistant Professor:	4

In case of research topics that are of interdisciplinary in nature DRC may permit joint supervision. DRC shall appoint one supervisor within the department as main supervisor who shall be known as Research Supervisor and the other supervisor as Co-Supervisor. A research scholar if supervised by two supervisors shall be counted as 1 each for both the Research Supervisor and the Co-Supervisor while calculating the maximum limit as above.

The above change in the Regulations shall be applicable from the current academic session and the Research Scholars already admitted under the previous Regulations shall remain unaffected and shall not be reallocated due to change in the method of calculating maximum limit.

Maximum two numbers of vacancies per supervisor (working at research centres) shall be announced in the capacity of main supervisor for admission through RTU-DAT entrance process in an academic year. In order to be appointed as Co-supervisor during the admission process the concerned supervisor need to have



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vacant seats under him/her other than those announced for admission as main supervisor.

University should decide on an annual basis through the academic bodies a predetermined and manageable number of Ph.D. scholars to be admitted depending on the number of available Research Supervisors and other academic and physical facilities available, keeping in mind the norms regarding the scholar- teacher ratio, laboratory, library and such other facilities.

3. The following addition is made in Regulation R.4.1 (a)

However, the applicants under QIP Programme are exempted from the RTU-DAT entrance test and shall be directly admitted by the concerned department at the particular Research Centre. The concerned Research Centre/Department shall separately invite applications for admission under QIP and after selecting candidates as per the AICTE norms and procedure of QIP, shall intimate the list of such selected candidates to Dean Research for the final approval of Research Board.

4. The Regulation R.4.1 (b) is amended as follows

- b) The entrance examination RTU-DAT shall be of two-and-a-half-hour duration consisting of 100 objective type multiple choice questions of one mark each in which a set of 50 questions will be based on for Research Methodology and another set of 50 questions for Specialization paper. The candidates who obtain at least 50% marks in the entrance examination (i.e. 50 marks out of the maximum total marks 100 in both the components of the entrance exam taken together) will be declared as qualified for the interview. Provided that a relaxation of 5 % of marks (from 50% to 45%) shall be allowed for the candidates belonging to "SC/ST/OBC (Non-Creamy layers)/MBC (Non-Creamy layers)/Differently-abled category" in the RTU-DAT examination to qualify for the interview (i.e. 45 marks out of the Maximum total marks 100 in both the components of the entrance exam taken together)."

5. The following addition is made in Regulation R.4.1 (f)

However, the University reserves the right to increase or decrease the number of vacancy during the admission process at any time without prior information.

6. The Regulation R.4.1 (g) is amended as follows

- g) All the qualified candidates of RTU-DAT examination shall be called for the interview/viva-voce before the DRC. For selection of candidates, a weightage of 70% to the entrance test and 30% to the performance in the interview/viva-voce shall be given."

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7. The following addition is made in Regulation R.4.1 (h)

The concerned Research Centre shall prepare the roster and communicate it to the RTU-DAT coordinator for display on RTU-DAT web portal. The DRC need to follow the reservation roster while preparing the final list of the selected candidates for the admission.

8. The Regulation R.4.1 (i) is amended as follows

- i) Convener of RTU-DAT shall announce the list of the qualified candidates of written exam to be called for the interview. Such list shall be displayed on the RTU-DAT web portal.

9. The Regulation R.4.1 (j) is amended as follows

- j) On a notified date the DRC shall interview the invited applicants in the order of merit of RTU-DAT. The candidates are required to discuss their research interest/area/plan through a presentation before DRC. The DRC shall judge the suitability of the applicant for admission also on the basis of the following aspects whether:
 - the candidate possesses the competence for the proposed research;
 - the research work can be suitably undertaken at the Institution/College/Research centre;
 - the proposed area of research can contribute to new/additional knowledge.

The candidate shall be asked questions after completion of presentation and shall be given marks in the interview out of the maximum marks 30. The distribution of the 30 maximum marks of the interview shall be as below:

- 10 marks for candidate's competence in the proposed research area viz. familiarity with necessary software/lab equipments/analytical/ numerical methods etc. and research aptitude
- 10 marks for contribution of the proposed research work to new/additional knowledge
- 10 marks for candidate's technical/scientific knowledge in the proposed research area and clear understanding of the proposed research area

A final merit list of the candidates in individual specialization shall be prepared by the concerned DRC. For the final merit list of the candidate, the marks obtained in the RTU-DAT (out of 100 maximum marks) shall be multiplied by 0.7 and shall be added to the interview marks of the candidate (awarded out of maximum marks 30) and thus final merit list for a particular specialization shall be prepared on the basis of aggregate marks obtained accordingly. In the case of two candidates obtaining same aggregate marks, the candidate older in age shall be placed higher in merit.

The candidate shall be allotted supervisor by DRC in the order of merit. Preference of the candidate for supervisor shall be considered as far as possible. However, recommendations of the DRC regarding allotment of supervisor and research centre shall be final and binding. DRC shall communicate the final list of



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selected candidates for admission along with the name of allotted supervisor and research centre to Dean Research for the approval of Research Board. Dean Research shall display the final list of selected candidates for admission on RTU web-portal after due approval of Research Board.

University reserves the right not to fill all the vacant seats in the absence of suitable applicants and/or non-availability of supervisor in the chosen area of research as decided by DRC. Merely qualifying RTU-DAT examination and/or appearing in the interview do not entitle the applicant for admission to the PhD program.”

10. The following addition is made in Regulation R.4 and to be known as R.4.2

R.4.2 Eligibility for admission

R.4.2.1 Eligibility for Full time Research Scholar:

An applicant possessing the following qualifications in appropriate areas and fulfilling the eligibility criteria as prescribed in Ordinance and Regulations shall be eligible to apply for admission to PhD programme of the respective disciplines of University:

- i. Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, in the appropriate discipline from any recognized University/Institute, 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 apply to the applicant belonging to the categories of “SC/ST/OBC (Non-Creamy Layer)/MBC (Non-Creamy Layer) and Differently abled persons” or those who had obtained their Master's Degree before 19th 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. Applicants who have cleared the M.Phil. 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 a point scale wherever grading system is followed) and completing M.Phil. degree shall be eligible to proceed to do research work leading to a Ph.D. 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)/ MBC (Non-Creamy Layer) and Differently abled persons”.



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- iv. A person whose M. Phil. Dissertation has been evaluated and viva-voce are pending may be admitted to the Ph.D. program of the same institute, where ever applicable.
- v. Applicants 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 to assess, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to the Ph.D. program.
- vi. Applicant satisfies at least one of the category defined in regulation R.1.1

R.4.2.2 Eligibility for Part time Research Scholar:

- i. The applicant must hold the minimum entry qualifications for the degree as given in R.4.2.1 (i to v) and belongs to at least one of the category defined in regulation R.1.2.
- ii. The applicant proves to the satisfaction of the DRC that:
 - His official duties permit him to devote sufficient time to research through written endorsement from his employer in prescribed form.
 - Facilities for pursuing research are available at the applicant's parent organization/place of work in the chosen field of research.
 - Applicant submits the certificate issued by the employer to allow him/her to fulfil 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.

11. The Regulation R.6.1 is amended as follows

R.6.1 Every research scholar having been admitted to a PhD programme shall be required to undertake and successfully complete the prescribed course-work of one semester duration. The course work shall include minimum five papers (four papers of three hours per week and one paper on "Research and Publication Ethics" of two hours per week). The course work shall be treated as pre-PhD preparations.

12. The Regulation R.6.4 is amended as follows

R.6.4 The first course work on Research Methodology and the next two course works as per the requirement of the area of research shall be of 150 marks each, out of which 60 marks shall be based on Mid-term evaluation by way of term test/assignment/ Mini Project. Remaining 90 marks shall be based on end term examination.

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13. The Regulation R.6.6 is amended as follows

R.6.6 The fourth course on Literature Review of 150 marks shall involve reviewing of published research work in the relevant field under supervision of the assigned supervisor. The evaluation shall be in the form of report submission (60 marks) and presentation (90 marks). The evaluation shall be done by the panel of two experts (including one supervisor) to be appointed by DRC Chairperson.

14. The Regulation R.6.7 is amended as follows

R.6.7 The minimum qualifying marks shall be 55% in each course work for both the components of assessment taken together.

15. The following addition is made in Regulation R.6 and to be known as R.6.11

R.6.11 The fifth course work shall be on "Research and Publication Ethics (RPE)" and shall be of 100 marks with Mid-term assessment of 40 marks and End term assessment of 60 marks with minimum pass marks in the course work being 55% i.e. 55 marks of both the components taken together.

These changes shall be effective prospectively from the date of issue of this order and bears the approval of Hon'ble Vice Chancellor.


Registrar

Copy to:

1. PS to HVC to apprise HVC
2. Finance Comptroller, RTU
3. COE, RTU
4. All Deans of the University (through email)
5. All DRC Chairperson (through email)
6. All Heads of Department, UD (through email)
7. All Principal/Director of Research Centers (through email)
8. RTU-DAT Coordinator 2020
9. Guard File


10/3/21
Registrar

