



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Rawatbhata Road, Akelgarh, Kota-324 010

Website: www.rtu.ac.in, Email: rtu.dat@rtu.ac.in, Ph.: 0744-2473030

GUIDELINES FOR ADMISSION TO Ph.D. PROGRAMME SESSION 2015-16

General Instructions:

1. The application form is to be filled online.
2. The eligible applicants will be allowed to appear in the Entrance (written) Test.
3. The test qualified applicants will be called for interview.
4. The applicants are advised to visit the website regularly and act according to the schedule.
5. The applicants are advised to read the guidelines carefully.
6. The Ph D programme will be governed by the PhD ordinance and regulations of the University, which is available on the RTU website.

Schedule of RTU DAT 2015

SNo.	Activity	Date
1	Commencement of online application form filling	June 5, 2015
2	Last date of online application	June 26, 2015
3	Display of list of eligible applicants and Written Test Time Table	July 2, 2015
3	Written Test (RTU DAT 2015)	July 6-10, 2015
4	Declaration of Written Test Result and Interview Schedule	July 14, 2015
5	Interview before DRC	July 20-23, 2015
6	Declaration of admission list	July 27, 2015
7	Reporting at the institute and Fee deposit	August 3-10, 2015
8	Commencement of Course Work	August 17, 2015

ELIGIBILITY CRITERIA: The applicant should have passed Master's Degree in the appropriate discipline from any recognized University/Institute or equivalent with

- i. A minimum of 60% marks in aggregate (of all years/semesters) where marks are awarded or minimum equivalent Cumulative Grade Point Average (CGPA) as defined by AICTE.
- ii. A relaxation of 5% in the minimum eligibility shall be applicable to the applicant belonging to the categories of SC/ST/Physically handicapped and visually impaired.
- iii. Part time applicant must hold the minimum entry qualification for the degree as given above (i, ii). Also the applicant should satisfy the requirement as mentioned below:



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The part time applicant proves to the satisfaction of the DRC that:

1. His official duties permit him to devote sufficient time to research through written endorsement from his employer in prescribed form.
2. Facilities for pursuing research are available at the applicant's parent organization/place of work in the chosen field of research.
3. Applicant submits the certificate issued by the parent organization for the period required to fulfill the residential requirement during course work/contact days with supervisors as notified by university from time to time. (Form 2 (c))
4. In addition to the above the local applicant (working and residing within 50 Km radius from the university/research center where he/she is seeking admission) may be relieved from the residential requirement during course work. However, to avail this benefit, applicant must submit a certificate from the employer that he/she shall be allowed to attend the classes of the course work and complete other requirements of Degree while discharging the normal official duties. (Form 2 (d))

FEE: The fees shall be as per the RTU norms prevailing at the time of admission.

ADMISSION PROCEDURE:

In all Ph.D. programmes the admission shall be granted as per Rajasthan Technical University ordinance and regulations for degree of Doctor of Philosophy and the subsequent modifications thereof. **The RTU-DAT - 2015 shall be conducted at premise of RTU, Kota only.**

- i) List of the applicants eligible for RTU-DAT examination will be displayed only on the RTU website and no individual communication will be made. The applicants are advised to regularly visit the RTU website for the schedule of RTU-DAT examination and other relevant information.
- ii) RTU-DAT shall consist of two papers of 300 marks. Paper I shall be carrying 100 marks and paper II shall be carrying 200 marks. Paper I shall be common for all applicants appearing for a particular department and paper II shall be separate for each specialization. The syllabus for the paper I and paper II can be seen on the RTU web site. The paper I & II shall be held as per the time table displayed.
- iii) Paper I will be objective type of one & half hour duration carrying 100 questions of one mark each.
- iv) Paper II will be of 3 hour duration carrying 200 marks as per the pattern defined in regulations and related to specialization.
- v) An applicant shall be considered qualified for interview if he/she gets 40% marks i.e. total 120 marks out of 300 marks (Paper-I of 100 marks)



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and Paper-II of 200 marks taken together). For applicants of reserved category (SC/ST/Physically handicapped and visually impaired) there would be a relaxation of 5% in the total qualifying marks. Hence, for these reserved category applicants the qualifying marks shall be total 105 marks out of 300 marks of Paper I and Paper II taken together.

- vi) Looking at the availability of the seats in the respective departments/centers, admission to a PhD programme shall be made on the basis of interview. All the qualified applicants of RTU-DAT examination shall be invited for interview.
- vii) The result of RTU-DAT shall be displayed on the RTU website only. All the applicants declared passed in the RTU-DAT examination are required to appear for the interview on the notified date, no separate communication in this regard shall be sent.

On a notified date the DRC shall interview the invited applicants in the order of merit of RTU-DAT. The DRC shall judge the suitability of the applicant for admission on the basis of applicant's research aptitude, knowledge of the subject, clear understanding of the proposed research problem, suitability of proposed research methodology, research facilities available and availability of the research supervisor in the proposed research area etc. The applicant shall be allotted the supervisor(s) on the basis of area of interest of supervisor, interest area of the applicant and mutual consent of the both. University reserves the right not to fill all the vacant seats in the absence of suitable applicants as decided by the DRC. Merely qualifying the RTU-DAT examination does not entitle the applicant for admission to PhD programme.

- viii) The reservation in Ph.D. programme shall be as per the **Rajasthan State Government Reservation Policy**. Applicants desirous of taking admission in OBC/SBC category should have certificate of non creamy layer issued on or after 01.06.2014.
- ix) If any Scholarship/assistantship is available it will be provided to a full time Ph.D. applicant as per the prevailing RTU norms at the time of admission. Details of University/Institute fellowship is given in Annexure-1. Applicants of FT.1 category are advised to refer to the Annexure-1 before exercising that choice.
- x) No TA/DA will be paid to the applicants for appearing in RTU DAT examination or attending the interview. Also no stay arrangement shall be made by the University for appearing in the examination / interview.
- xi) The applicant having any grievance against the question paper may submit the same in writing to the RTU DAT Coordinator, within one day of the conduct of that examination.



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HOW TO APPLY:

- i) The applicants can apply online through the website www.rtu.ac.in and can pay the application fee of **Rs 2000/- (non refundable)** online. The hard copy of the filled form (generated online) along with enclosures is required to be submitted in person at the time of interview. No need to send the hard copy of the form by post.
- ii) The eligibility of the applicant for the written test shall be decided tentatively on the basis of the information provided in the online application form. In the event of any information being found incorrect or misleading, the candidature shall be liable to cancellation by the University at any time.
- iii) **If an applicant wishes to apply for more than one department/center, he/she shall have to submit separate application form along with the fee.**



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List of University Departments/Research Centers with Specialization for Ph D Programme Session 2015-16

1. List of University Department, RTU, Kota along with area of specialization.

S.No.	Department	Area of specialization
1.	Civil Engg.	Structural Engineering
		Geotechnical Engineering
		Environmental Engineering
2	Computer Engg.	High Performance Computing Systems
3	Electrical Engg.	Power Systems
		Power Electronic & Electrical Drives
4	Electronics Engg.	Communication Engineering
		Control & Instrumentation
5	Mechanical Engg.	Machine Design
		Industrial Engineering
		Production Engineering
		Thermal Engineering
6	Renewable Energy	Renewable Energy

2. List of Centers at RTU Kota along with area of specialization.

S.No.	Center	Area of specialization
1.	Centre for Nanotechnology	Nano Materials in Structural Engineering
		Nano Applications in Mechanical Engineering

3. List of department in Research Centre at Sri Balaji College of Engineering & Technology, Jaipur along with area of specialization.

S.No.	Department	Area of specialization
1.	Computer Engineering	High Performance Computing Systems



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4. List of department in Research Centre at Govt. Engineering College Bikaner along with area of specialization.

S.No.	Department	Area of specialization
1.	MBA	Banking
		Human Resource Management
		Marketing Management
2.	Electrical Engg.	Power Systems

5. List of department in Research Centre at Govt. Engineering College Ajmer along with area of specialization.

S.No.	Department	Area of specialization
1.	Electronics Engg	Communication Engineering
2.	MBA	Banking
		General Management
		Financial Management

6. List of department in Research Centre at Govt. College of Engineering & Technology Bikaner along with area of specialization.

S.No.	Department	Area of specialization
1.	MBA	Financial Management
		Human Resource Management

7. List of department in Research Centre at Institute of Management Studies BJS Rampuria College Bikaner, along with area of specialization.

S.No.	Department	Area of specialization
1.	MBA	Financial Management
		Banking
		General Management



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8. List of department in Research Centre at International School of Information and Management Jaipur along with area of specialization.

S.No.	Department	Area of specialization
1.	MBA	General Management
		Marketing Management
		Human Resource Management
2.	MCA	Software Engineering

9. List of department in Research Centre at Biyani Institute of Science & Management, Jaipur along with area of specialization.

S.No.	Department	Area of specialization
1.	MBA	Financial Management

10. List of department in Research Centre at Modi Institute of Management and Technology, Kota along with area of specialization.

S.No.	Department	Area of specialization
1.	MCA	Database Management

11. List of department in Research Centre at Rajasthan College of Engg. for Women Jaipur along with area of specialization.

S.No.	Department	Area of specialization
1.	MCA	Software Engineering

12. List of department in Research Centre at Maharishi Arvind Institute of Science & Management, Jaipur along with area of specialization.

S.No.	Department	Area of specialization
1.	MCA	Database Management
		Software Engineering

13. List of department in Research Centre at Swami Keshwanand Institute of Technology, Management & Gramothan, Jaipur along with area of specialization.

S.No.	Department	Area of specialization
3	Electrical Engg.	Power Systems



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14. **List of department in Research Centre at Institute of Engineering & Technology, Alwar along with area of specialization.**

S.No.	Department	Area of specialization
1.	MBA	Financial Management
		Human Resource Management
2.	Electronics Engineering	Control & Instrumentation

Note: University shall have right to run or not to run the Ph.D. programme in any specialization.

Coordinator RTUDAT-2015



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Annexure-1

List of the University Fellowship/ Institute Fellowship available to Full Time Ph.D Scholars.

A. University College of Engg. (University Fellowship)			
S.No.	Departments	Specialization	No. of Scholarship
01	Mechanical Engg.	Industrial Engg.	01
02	Mechanical Engg.	Machine Design	01
03	Electrical Engg.	Power System	01
04	Electrical Engg.	Power Electronic & Electrical Drives	01
05	Electronics Engg.	Communication Engg.	01
06	Electronics Engg.	Control Inst.	01
07	Civil Engg.	Environment	01
08	Civil Engg.	Geotechnical	01
09	Civil Engg.	Structural Engg.	01
10	Computer Engg.	HPCS	01
11	Centre for Nano Technology	Nano Materials in Structural Engineering	01
12	Renewable Energy	Renewable Energy	01
B. Swami Keshwanand Institute of Technology & Jaipur. (Institute Fellowship)			
11	Electrical Engg.	Power System	02