

PhD Admissions 2023

Guidelines and Rules for PhD Program

(Based on Rashtrasant Tukadoji Maharaj Nagpur University Direction No. 11 of 2023 and RCOEM PhD ordinance)



R&D Cell
Shri Ramdeobaba College of
Engineering and Management, Nagpur

Disclaimer: These guidelines are only for communication and information purpose. Candidates are requested to read, understand and follow the relevant Rashtrasant Tukadoji Maharaj Nagpur University Ordinances/Directions.

1. About RCOEM

Shri Ramdeobaba College of Engineering and Management (RCOEM) was founded in 1984 by Shri Ramdeobaba Sarvajanic Samiti, a registered charitable trust. We at RCOEM, envision our institute as the fountainhead of excellence in engineering knowledge to result in engineers instilled with a sense of commitment and responsibility. The college has earned a good name and ranked amongst top colleges in India. Today, RCOEM is one of the most sought after Institute in Central India.

The institute is also recognized as a place of research and higher learning by Rashtrasant Tukadoji Maharaj Nagpur University. The faculty members are also actively involved in research and development activities. Many faculty members have brought laurels to the institute by way of awards, honors and prizes at National and International level.

2. Departments offering PhD Programs

Following departments/program are recognized Research Centers of Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) and offers registration to Degree of Doctor of Philosophy (PhD) of Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU).

SN	Programme / Subject	Allotted Seats
01	Civil Engineering	As per direction 11 of 2023
02	Electrical Engineering	
03	Electronics Engineering	
04	Business Management and Business Administration	
05	Computer Science and Engineering *	20
06	Mechanical Engineering *	20

* Increase in intake, subject to approval from RTMNU

3. Categories for pursuing PhD Programs

Admission are offered under following categories:

SN	Category	Subject / Program
1	PhD (Full-Time) with a teaching assistantship	1. Civil Engineering
2	PhD (Full-Time) Self Sponsored	2. Computer Science & Engineering
3	PhD (Part-Time) Self Sponsored	3. Electrical Engineering
		4. Electronics Engineering
		5. Mechanical Engineering
		6. Business Management and Business Administration

3.1 PhD (Full-Time) with teaching assistantship:

Candidates desirous of pursuing PhD with teaching assistantship should note that:

1. Approval to their Teaching Assistantship will be subjected to their provisional admission to RCOEM and as per RTMNU direction.
2. The Teaching Assistantship and its stipend/emoluments will start only after their approval from research advisory committee (RAC) of concerned department of RCOEM as Full-Time PhD scholar.
3. The emoluments for Full-Time PhD scholar with a teaching assistantship would be Rs. 20000/- per month.
4. Teaching assistantship shall be offered for a maximum period of three years only.
5. A full-time research Scholar will be available on campus during regular working hours of the college to carry out the research in the institute.
6. The full-time research scholar will take a teaching load of 8 Hrs. per week during working hours.
7. The number of seats per department may change depending on the availability of PhD vacancy, availability of supervisor and suitability of the candidate.
8. The candidate's approval for teaching assistantship will be subjected to his/her signing the agreement with the institute.

3.2 PhD (Full-Time)/ PhD (Part-Time) Self Sponsored:

1. The candidate would be enrolled as Full-Time/ Part-Time PhD research Scholars as per the procedural norms and regulations of the RTMNU and RCOEM.
2. A full-time research Scholar will be available on campus during regular working hours of the college to carry out the research in the institute.

4. Eligibility Criteria

The eligibility for seeking admission/registration to PhD program at Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur shall be governed strictly by the Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) Direction no. 11 of 2023 (direction revised/published from time to time by RTM Nagpur University, Nagpur), which can be accessed from the website www.nagpuruniversity.ac.in.

- 4.1 PhD Entrance Test (RCOEM PET) shall be conducted as per the procedural norms and regulations of the RTMNU and RCOEM.

5. Selection Procedure

- 5.1 The eligible candidates as per RTMNU direction, desirous of pursuing PhD degree shall submit the application in the prescribed form for PET/admission to PhD Program through proper channel, wherever applicable, to the College within the stipulated time mentioned in the notification. The application form and the necessary details would be made available on the College website (www.rknec.edu)
- 5.2 The applications shall be scrutinized at the concerned department of RCOEM as per the RTMNU direction. After verifications of all documents, the dept PhD coordinator shall display the list of eligible candidate display on the notice board of department or College website.
- 5.3 The verification of original documents shall be completed at the concerned department before commencement of Research Advisory Committee (RAC). The candidate shall prepare area of research/ synopsis and shall present it before the concerned RAC for approval.

- 5.4 RAC shall allocate the Supervisor to the candidates as per RTMNU Direction No. 11 of 2023 or applicable direction. Based on RAC approval, by computing the composite score of the applicant (70% weightage for PET or equivalent test and 30% weightage for personal interview) make a list of the provisionally selected candidates.
- 5.5 Based on the recommendation of RAC, a list of the provisionally selected candidates shall be displayed on notice board of the concerned department or College website. Dept PhD coordinator shall inform the selected candidate regarding the admission procedure and submit all relevant documents to the Office of Dean R&I. Later on, provisional admission letter will be issued to the applicant through office of Dean R&I.
- 5.6 The candidate shall take the admission within a week. Admission form along with attested documents and undertaking should be submitted to the concerned department (2 copies). After verification, the dept PhD coordinator shall submit one file of every provisionally admitted candidate to Office of Dean R&I.
- 5.7 Candidate shall present six monthly progress regularly. After completion of Pre-PhD course work and approval of synopsis by RAC, the selected applicant seeking registration for the PhD programme shall apply online for registration to the University, in the prescribed format as per the schedule/guidelines notified by the RTMNU. The hard copy of the online application form along with eight hard copies of the synopsis of the research proposal, as per prescribed guidelines given by the University, duly signed by the allotted supervisor, along with the allotment letter from the research centre, fees which may be prescribed by the University/College and other supporting documents shall be submitted to the University, through the Head, place of research, on any working day of the University.
- 5.8 Selected candidates shall pay the requisite fees of the RCOEM/RTMNU and then submit the form to the University complying with all the instructions as per RTMNU direction.

- 5.9 Each application for the registration shall be placed for consideration before the RRC of the University. The RRC shall take a decision either to accept or reject the research topic/title on the basis of the submitted synopsis and also the personal interview/presentation made by the candidate. The decision of the RRC shall be final. After approval of the application by the RRC, the candidate shall be treated as a registered PhD Scholar.
- 5.10 In case the university denies registration to the candidate, RCOEM will not be responsible and registration fees paid to RCOEM will not be refunded.

6. Payment of fees

- 6.1 As prescribed by RCOEM/RTMNU from time to time and to be paid on an annual basis.
- 6.2 The academic year shall be considered from 1st July to 30th June or 1st Jan to 31st Dec every year or as per the RTMNU direction for provisional admission.
- 6.3 If candidate's registration date falls within 1st Jul - 31st Dec, then the start of the academic year shall be considered from 1st July, whereas if the candidate's registration date falls within 1st Jan - 30th Jun, then the start of the academic year shall be considered from 1st Jan. All fees shall be paid from 1st to 15th date of the respective academic year (for RTMNU registered candidates). For provisionally admitted candidates, month of admission shall be considered for the payment and all fees shall be paid as per college guidelines. The delay in payment of annual fees may invite a penalty of Rs.10,000/- per semester/cancellation of registration/termination of admission.
- 6.4 In case of first fees after the approval from RRC, the candidate has to pay his/her academic fees within ONE month from the date of approval from RRC and shall confirm the admission/registration for PhD.
- 6.4 Candidate shall not be allowed to appear for the Six-monthly progress seminar without payment of fees, coordinators shall keep the record.
- 6.5 If the thesis submission is done after 1st Jan/1st July/Admission month of provisionally admitted scholars (as per the candidate's academic year), the candidate shall be required to pay the fees for the next academic year subject to a maximum of SIX years.

7. Course Work

As prescribed in Direction no. 11 of 2023 by RTMNU, Nagpur (direction revised/published from time to time by RTM Nagpur University, Nagpur)

8. Tenure of Registration

As prescribed in Direction no. 11 of 2023 by RTMNU, Nagpur (direction revised/published from time to time by RTM Nagpur University, Nagpur)

9. Cancellation of Admission / Registration

9.1 As prescribed in Direction no. 11 of 2023 by RTMNU, Nagpur (direction revised from time to time by RTM Nagpur University, Nagpur)

9.2 In addition to the Direction no. 11 of 2023 by RTMNU, Nagpur, RCOEM norms for cancellation of registration are as follows:

9.2.1 If a PhD scholar is absent without prior permission of the Supervisor and Head of Department for a progress seminar his/her registration may be cancelled.

9.2.2 The delay in payment of annual fees may result in cancellation of registration/ termination of admission.

9.2.3 Non completion of the PhD course work in the specified duration.

9.2.4 If reports of two consecutive seminars are unsatisfactory, RAC may recommend discontinuation of registration. If a seminar is not given, it shall be considered as not satisfactory.

10. Change of Supervisor

Change of supervisor shall be governed by RTM Nagpur University as per direction no. 11 of 2023 (direction revised from time to time by RTM Nagpur University, Nagpur)

11. Progress Review & Reports

11.1 Registered candidates shall fulfill all norms and procedures of RTMNU ordinance 11 of 2023 on evaluation through Progress reports/progress seminars at the university/College level. Apart from this, the following conditions shall be applicable to the candidates.

11.2 It is mandatory for research scholars to give a progress seminar from the date of admission/registration (at RCOEM, as a place of Research) on his / her

research work every six months in concerned departments as per the schedule displayed in the concerned department.

- 11.3 A brief write-up outlining the work previously done, the current status and the future plans should be submitted to the RAC members at least 3 days prior to the date of the seminar.
- 11.4 Report of the RAC after each six-monthly progress seminar shall be duly forwarded to the office of the Dean, R&I by the concerned department.
- 11.5 Report of six monthly seminars (both college and university format as per Annexures for details) is required to be submitted to office of Dean R&I within 15 days period after the last date of delivering the seminar mentioned in the seminar schedule. The consolidated summary sheet along with copies of seminar reports and other documents of all candidates should be sent in a single lot. Individual seminar reports of candidates will not be accepted.

12. Requirements for Submission of Thesis

- 12.1 Candidates shall fulfill all norms and procedures of direction no. 11 of 2023 of RTMNU for Thesis Submission (direction revised from time to time by RTM Nagpur University, Nagpur)
- 12.2 Apart from this the following conditions shall be applicable to the candidates
 - 12.2.1 Part-Time PhD Scholar shall publish minimum **TWO research papers** in reputed Journals, out of which at least one should be in Science Citation Index (SCI)/ Science Citation Index Expanded (SCIE) Journal and other in Scopus indexed journal or equivalent. Apart from two journal publication, scholar shall publish minimum two research papers in reputed International Conferences, proceedings of which are indexed in Scopus/Web of Science. An undertaking to this effect shall be submitted by both supervisor and candidate alike at the time of admission.
 - 12.2.2 Full-Time PhD Scholar shall publish minimum **TWO research papers** in reputed Journals indexed in Science Citation Index (SCI)/ Science Citation Index Expanded (SCIE) Journal / Social Sciences Citation Index (SSCI). Apart from two journal publication, scholar shall publish minimum two research papers in reputed International Conferences, proceedings of which are indexed in Scopus/Web of Science. An undertaking to this effect shall be submitted by both supervisor and candidate alike at the time of admission.

12.2.4 No Objection Certificate (NOC) shall be issued to the candidate only after submission of Compliance report to the office of Dean R&I.

13. Research Funding

After the candidate is registered for PhD with RCOEM center, the candidate along with the supervisor shall put the research proposals to funding agencies like AICTE, DST, SERB, CSIT etc. for their research. In all such proposals, the supervisor shall be a Principal Investigator. An undertaking to this effect shall be submitted by both supervisor and research scholar at the time of PhD registration.

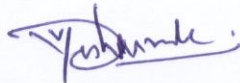
14. Academic Integrity and Prevention of Plagiarism

14.1 Research scholar shall adhere to the Academic Integrity and Prevention of Plagiarism Policy of the RCOEM, RTM Nagpur University, UGC, AICTE or any other statutory body.

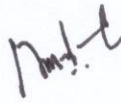
14.2 Please refer Academic Integrity and Prevention of Plagiarism Policy of the RCOEM.

15. Saving Clause

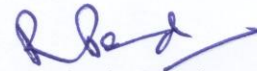
Notwithstanding anything contained here in, it is clarified that all cases in which the registration has been already granted, shall continue to be governed by the respective ordinances/directions/guidelines.



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