

Guidelines of Research Project in 4th Semester for PG programme (XYZ-101-RP-6210: Research Project)

In the fourth semester of the Postgraduate (PG) programme, eligible¹ student(s) may enrol in one semester Research Project under NEP 2020 in Rajiv Gandhi University. The project shall be carried out under the supervision of a regular faculty member assigned by the Department or any higher education institute approved by the Govt. of India/ Regulatory bodies. The research work must demonstrate the student's capacity to translate theoretical knowledge into effective research-oriented problem-solving tasks. The work should comprise systematic study, data collection, analysis, interpretation, and documentation aligned with academic and ethical norms. After completing the research, students are required to submit their dissertation in the prescribed format within the stipulated deadline and present and defend their work in a viva-voce examination conducted by the evaluation committee. The Research Project shall carry a credit weightage of 20 credits as per the programme structure² of concerned Dept., and its successful completion is mandatory for the award of the Post Graduate degree with Research.

1. Eligibility and Registration

Students fulfilling the criteria as laid down by the respective BoS/Department Council, are eligible to register for the Research Project. For the registration in the Research project:

- 1.1 Students must apply in the prescribed format (Annexure A) along with an application to the Chairperson, Departmental Research Committee, clearly stating their area of research interest in alignment with their field of study.
- 1.2 The Departmental Research Committee (DRC) will review all applications, conduct interviews of eligible students, and select candidates based on the guidelines.
- 1.3 A student may also undertake the Research Project in another Higher Education Institution approved by the Government of India/UGC, with prior approval of the Departmental Research Committee. In such cases, the student must obtain consent from the host institution and ensure the proposed research area aligns with their field of study.
- 1.4 The Departmental Research Committee will assign a supervisor to each student undertaking the Research Project within the Department. For students conducting their research outside Rajiv Gandhi University, the DRC may appoint a co-supervisor from the Department, in addition to a supervisor from the host institution, to jointly guide and monitor the work.
- 1.5 Each selected student must formally register for the Research Project by submitting the Registration Form (Annexure B) within the stipulated deadline. The form should be duly filled, signed by the student, endorsed by the assigned supervisor(s).

¹ Respective BoS/Department Council to decide the eligibility

² As approved by respective Board of Studies (BoS)

1.6 Supervision and Co-Supervision:

Sl. No.	Designation	Maximum candidates for Supervision (Including Co-Supervision*)
1.	Professor	12
2.	Assoc. Professor	10
3.	Asst. Professor	08

*For those Departments not having adequate no. of regular faculties, may upon endorsement of respective BoS, assign co-supervision with a regular faculty to the Guest Faculty(ies) with PhD Degree and/or Teaching Assistant(s) with PhD Degree not exceeding 5 and 4 candidates, respectively.

2. Project Proposal:

Within fifteen days of completing the registration process, each student must submit a detailed research plan to the Departmental Research Committee (DRC). The proposal should clearly state the objectives, methodology, expected outcomes, and work plan, and must address a specific, well-defined research question or problem, avoiding broad or vague topics. The chosen research question should be feasible and capable of being investigated and answered within the semester timeframe, using the resources available to the student. The proposal should be original and contribute to the advancement of knowledge in the field, even if only in a small way. It must be engaging and aligned with the academic interests of both the student and the supervisor.

The research plan submitted to the DRC should be around **800- 1,000** words and must include

- **Title:** A concise, descriptive name for the Research Project.
- **Abstract:** A brief summary of the project's goals, methods, and expected outcomes.
- **Introduction:** Background information and a literature review to establish the context and demonstrate the project's significance.
- **Aims and Objectives:** Specific, measurable, achievable, relevant, and time-bound goals.
- **Methodology:** A detailed plan outlining the theoretical framework, experimental design, or computational approach.
- **Timeline:** A Gantt chart or similar schedule breaking down the project into phases (e.g., literature review, data collection, analysis, writing).
- **Resources:** A list of required equipment, software, or data.

3. Execution and Monitoring:

Students shall carry out the research work in accordance with the approved proposal under the guidance of their assigned supervisor(s). Supervisors will regularly monitor progress and provide academic support, while students are expected to meet with their supervisor at least twice a week to discuss progress, address challenges, receive feedback, and set goals for the following week.

During the course/progress of the work, each student must maintain a research logbook or digital notebook (e.g., Google Doc), which should include the following:

- Experimental Details: Protocols, parameters, and observations
- Data: Raw data, processed data, and analysis scripts
- Notes: Ideas, questions, and references

Students must submit periodic progress reports as scheduled by the Department (preferably once every month in front of Dept. Council³). In addition, a Mid-Semester Progress Seminar will be organized, where each student will present a summary of their research progress which will be attended by all the scholars and students with a vision to promote research aptitude and ecosystem. The presentation schedule and format will be determined by the department including - Introduction, Literature Review, Methodology, Work done, Next plane and conclusion.

4. Submission of Final Report

The final document should be a comprehensive account of the research. A report must be prepared, demonstrating the methodology, results, discussion, and conclusions. The report must conform to the formatting and submission guidelines issued by the department which will follow a standard academic structure with the following -

- a) Title Page
- b) Acknowledgments
- c) Table of Contents
- d) Introduction
- e) Literature Review
- f) Methodology
- g) Results
- h) Discussion: Interpretation of results, limitations, and future work.
- i) Conclusion
- j) References (In style as approved by respective Faculty Board of Studies)

5. Presentation and Evaluation:

The evaluation of the research work shall be carried out by an Evaluation Committee comprising the following members.

- Chairmen, Departmental Research Committee (DRC) / Department Board of Studies (DBS)
- External Examiner
- Supervisor(s) and Co- Supervisor of the Research Project (Internal Examiner)

After submitting the report, the Departmental Research Committee (DRC) will organize a presentation session for each student before an Evaluation Committee, where the student shall

³ Dept. Council to comprise all the faculty research supervisors/ Co-supervisor serving in the Dept.

present their research work and project findings. The format will be determined by the department including –

- Introduction (1-2 slide)
- Literature Review (2-3 slide)
- Methodology (2-3 slide)
- Experimental Work / Survey Conducted (4-8 slide)
- Results and Analysis (4-6 slide)
- Summary of Findings (1-2 slide)
- Limitations of the Study (1-2 slide)
- Recommendations / Future Work (1-2 slide)
- Discussion and Conclusion (2-3 slide)
- References (1-2 slide)

The committee will review the work of the student as per the aim and objective submitted in the Abstract by the student in the beginning of the semester. Mark Distribution for Research Project as are of two categories:

(a) **Internal assessment** (20 Marks) : it is done on the basis of the Periodic Progress Reports & Logbook/ Mid Term Presentation

(b) **Final Dissertation/presentation viva voce: (80 marks):** The final dissertation, presentation, and viva-voce will be assessed across several key components, reflecting different aspects of the student's research. Evaluation will consider the quality and originality of the dissertation, the rigor of methodology and analysis, the effectiveness of presentation and communication, and the student's ability to respond to questions during the viva-voce. Mark Distribution for Final Dissertation / Presentation & Viva-Voce (80 Marks) as follows:

Sl. No.	Component	Marks
1.	Depth of understanding in the research domain	20
2.	Methodology and analysis:	20
3.	Presentation and communication skills:	20
4.	Response to questions in viva-voce:	20

6. Incomplete Research Project:

A Research Project may be considered incomplete if the student fails to meet the required academic standards, does not adhere to the approved research plan, engages in misconduct, or otherwise misuses the research opportunity. Such cases will be reviewed by the Evaluation Committee, which holds the authority to determine the status of the project. In the event of an incomplete Research Project, the student may be required to repeat the project, submit additional work, or fulfill other requirements as prescribed by the Department.

[Annexure- A]

Application for One Semester Research Project of Post Graduate Programme

Department of _____

Rajiv Gandhi University Doimukh – 791112. Arunachal Pradesh

1. Name of the student:.....
2. Roll No.....Academic Session:
3. ABC ID:.....
4. Registration No.:.....
5. Programme Enrolled:
6. SGPA/CGPA Details:

1 st Semester	2 nd Semester	3 rd Semester	CGPA

7. Interested area of research:

For Students who are to be enrolled outside the Department/ University

8. Name of the Institute/ Department:
9. Name of the Supervisor:
10. Designation of the supervisor:
11. Contact Details of the Supervisor:
Email: Mobile No.....
12. Proposed work/task supposed to be performed:
(Attached a separate sheet with aim and objectives in details)

Comment from Departmental Research Committee

1.
2.
3.
4.
5.
6.

Signature of DRC Members.

Note: application form is to be enclosed along with all the supporting document

[Annexure- B]

Research Project Registration form for the Course:

Post Graduate Programme in

Department of

Rajiv Gandhi University Doimukh – 791112. Arunachal Pradesh

1. Name of the student:.....
2. Roll No.....Academic Session:
3. ABC ID:.....
4. Registration No.:.....
5. Programme Enrolled:
6. Institute/ Department where project is to be enrolled:
7. Name of the Supervisor:
8. Designation of the supervisor:
9. Contact Details of the Supervisor:
Email: Mobile No.....
10. Name of the Co-Supervisor(if any):.....
11. Contact Details of the Co-Supervisor:
Email: Mobile No.....

Declaration of the Student

I hereby declare that the above information is correct to the best of my knowledge. I agree to abide by the University regulations regarding the Research Project/Dissertation and will submit the final report within the stipulated time.

Date:

Signature of the Student

Consent of Supervisor

I/we will supervise the research work of Mr./Ms.and monitor his/her progress in the proposed area of study.

Signature of the Co-supervisor

Signature of the Supervisor

Recommendation of Head of the Department

The above application has been verified and is hereby recommended for registration of the Research Project under the PG Programme (4th Semester)

Signature of Head of the Department with Date
Department of