

प्रिय शोधकर्ता छात्राओं के लिए-

प्राचार्या जी के निर्देशानुसार 03.12.2024 से रिसर्च डेवलपमेंट सेल व इंटरनल एग्जामिनेशन कमेटी के संयुक्त प्रयास से बीए, बीएससी, बीकॉम 5th सेमेस्टर व एमए, एमएससी, एमकॉम 1st सेमेस्टर की छात्राओं के लिए मात्र ₹ 100/- में रिसर्च प्रोजेक्ट की तैयारी के लिये 60 घंटे का एड-ऑन/ सर्टिफिकेट कोर्स करवाया जा रहा है। इच्छुक छात्राएँ निम्न google form को भरकर submit कर सकते हैं-

**Add - on / Certificate Courses (QnM 1.2.1) on
UNBOXING IDEAS: PROJECT & RESEARCH
PREPARATION FOR UG & PG STUDENTS (under NEP
2020) (60 Hrs) 2024-25 organized by Research
Development Cell & Internal Examination Committee,
Raghunath Girls' Post Graduate College, Meerut, UP,
India affiliated to Chaudhary Charan Singh University,
Meerut**

<https://forms.gle/zDVyYpwvbSwf7ZJM9>

संयोजक -

प्रोफ़ेसर पूनम लखनपाल (इंचार्ज, रिसर्च डिवलैपमेंट सैल)

प्रोफ़ेसर नीना बत्रा (इंचार्ज, इंटरनल एग्जामिनेशन सैल)

**Raghunath Girls' Post Graduate College,
Meerut, UP, India**

affiliated to

Chaudhary Charan Singh University, Meerut



Add - on / Certificate Courses

(QnM 1.2.1)

on

**UNBOXING IDEAS: PROJECT &
RESEARCH PREPARATION FOR UG
& PG STUDENTS (under NEP 2020)**

(60 Hrs)

2024-25

organized by

Research Development Cell

&

Internal Examination Committee

Objectives:

1. **Promote Research Culture:** Encourage students to engage in meaningful research early in their academic journey.
2. **Develop Analytical Skills:** Enhance students' ability to critically analyze problems and develop evidence-based solutions.
3. **Encourage Innovation:** Cultivate creativity and innovation to address real-world challenges.
4. **Interdisciplinary Approach:** Foster collaborative and interdisciplinary thinking.
5. **Practical Learning:** Bridge the gap between theoretical knowledge and its application in solving societal and industrial problems.
6. **Lifelong Learning:** Equip students with skills for continuous learning and research in a rapidly changing world.

Outcomes:

1. **Research Proficiency:** Students gain experience in conducting systematic research and documentation.
2. **Problem-Solving Skills:** Ability to identify, analyze, and solve real-world challenges.
3. **Critical Thinking:** Development of logical reasoning and critical thinking capabilities.
4. **Teamwork and Collaboration:** Experience working in teams for interdisciplinary projects.
5. **Publication and Presentation:** Ability to prepare research papers, present findings, and contribute to scientific discourse.
6. **Enhanced Employability:** Acquire skills relevant for careers in academia, industry, and entrepreneurship.

Syllabus for Research Projects:

1. Foundational Concepts (UG Focus):

- **Introduction to Research:** Basics of research, importance, and methodologies.

- Literature Review: How to source, evaluate, and synthesize academic literature.
- Research Design: Formulating research questions, hypotheses, and methodology.
- Data Collection: Tools and techniques (quantitative and qualitative).
- Basic Data Analysis: Introduction to statistical tools

2. Advanced Concepts (PG Focus):

- Advanced Research Methods: Mixed-method research, experimental design, and longitudinal studies.
- Proposal Writing: Drafting comprehensive research proposals for funding and approval.
- Data Analysis Tools.
- Publishing Research: Writing research papers, reports, and dissertations.
- Presentation Skills: Communicating findings through seminars, conferences, and publications.

3. Interdisciplinary and Applied Research (UG & PG):

- Capstone Projects: Research tied to societal, environmental, or industrial problems.
- Collaborative Research: Projects involving collaboration across disciplines or institutions.
- Industry-Academia Interface: Projects aligned with current industry needs and innovations.
- **Internships and Fieldwork:**
Hands-on experiences for practical exposure.

Internal Assessment Framework:

- 1. Written Exam: 50 Marks**
- 2. Practical: 50 Marks**

- **Passing requirement for Add-on/ Certificate Course is 36%.**
- **A candidate who has not secured a minimum of 36% of marks in this course (Internal & End Term only) shall appear for the course in the next year.**
- **The Grades obtained will not be included in the calculation of the CGPA given by the University.**
- **Students will get a certificate after they have registered for and successfully cleared their exam.**
- **The certificate of this Add-on/ Certificate course shall be issued with the sign by authorized signatories.**

Course Fees: Rs. 100/-

Add-on/ Certificate Course Syllabus (60 Hours)

**UNBOXING IDEAS: PROJECT & RESEARCH PREPARATION FOR
UG & PG STUDENTS (under NEP 2020)**

Programme/ Class: UG & PG	Year: UG III & PG I and II year
Course Code:	Course Title: UNBOXING IDEAS: PROJECT & RESEARCH PREPARATION FOR UG & PG STUDENTS (under NEP 2020)
Marks: 50 (T) 50 (P)	Hours: 45 Hrs Theory + 15 Hrs Practical

Unit	Title	No. of Lectures
I	Introduction to Project & Research	01 Hrs
II	Selection of Problem & Related Field	01 Hrs
III	Chapterization	01 Hrs
IV	Objectives	01 Hrs
V	Research Hypothesis Making	02 Hrs
VI	Review of Literature	02 Hrs
VII	Research Design	02 Hrs
VIII	Sample & Selection	02 Hrs
IX	Data Collection: Tools & Techniques (1-4)	04 Hrs
X	Data Collection Tool- Observation	01 Hrs
XI	Field Survey	01 Hrs
XII	Interview Schedule & Questionnaire	02 Hrs
XIII	Reliability of Research Tools	02 Hrs
XIV	Validity of Research Tools	02 Hrs
XV	Quantitative Data Analysis	03 Hrs
XVI	Qualitative Data Analysis	03 Hrs
XVII	Writing Conclusions, Findings & Suggestions	01 Hrs
XVIII	Reference List (Books, Journals, Encyclopedia, Newspapers & Magazines, Websites, Govt. & Pvt. Surveys, Research Thesis & Projects	02 Hrs
XIX	References Writing	02 Hrs
XX	Assembling and Writing (Project/ Research/ Thesis)	01 Hrs
XXI	Project Writing on Word Document	02 Hrs
XXII	Use of Mobile Phone to Write & Type the Research Project	01 Hrs
XXIII	PPT Making & Oral Presentation	03 Hrs
XXIV	Writing Research Papers/ Reports	03 Hrs
This course can be opted as an Add-on/ Certificate course by the UG & PG Students of College.		

Organizers

Research Development Cell (RDC)

Incharge – Professor Poonam Lakhanpal (Sanskrit Department)

Members –

- Professor Mamta Upadhyaya (English Department)
- Professor Archana Rani (Drawing & Painting Department)
- Professor Manju Lata (Department of Sociology)
- Dr. Garima Pundir (Department of Zoology)
- Dr. Seema Gupta (Department of Education)

Internal Examination Committee (IEC)

Incharge – Professor Neena Batra (Department of Economics)

Members –

- Professor Kalpana Chaudhary (Department of Zoology)
- Major Professor Anjula Rajvanshi (Department of Sociology)
- Professor Sonika Choudhary (Department of Home Science)

Mamta
26.11.2024

Archana
26.11.24

Manju
26.11.24

Garima
26/11/24

Seema
26/11/2024

Seema
26/11/2024

Poonam
26.11.2024
Incharge

RDC

Neena
26/11/24
Incharge

IEC

Approved by

Seema
26/11/2024
IQAC

Mamta
Principal
Principal

Raghunath Girls' Post Graduate College
Meerut