

Gonzaga College of Arts and Science for Women

Guidelines for the Research and Development (R&D) Cell

1. Objectives

The R&D Cell aims to:

1. Foster a culture of research and innovation among faculty and students.
 2. Encourage interdisciplinary research to address
 3. societal challenges.
 4. Provide training and resources for quality research.
 5. Collaborate with industries, academic institutions, and funding agencies.
 6. Promote the dissemination of research through publications, conferences, and workshops.
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2. Structure of the R&D Cell

1. **Chairperson:** The Principal of the College.
 2. **Coordinator:** A senior faculty member appointed to oversee the Cell's activities.
 3. **Members:** Representatives from each department, preferably with research expertise.
 4. **Student Representatives:** Postgraduate or research students to ensure active student involvement.
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3. Responsibilities of the R&D Cell

1. **Research Promotion:**
 - Organize workshops, seminars, and conferences on research methodologies.
 - Encourage faculty and students to apply for research grants and projects.
 - Facilitate interdisciplinary research initiatives.

2. Collaboration and Funding:

- Establish MOUs with industries and academic institutions for collaborative research.
- Guide faculty and students in applying for funding from government and private agencies.

3. Quality and Ethics:

- Ensure adherence to ethical standards in research.
- Promote plagiarism-free research by using plagiarism-check software.

4. Resource Support:

- Maintain a well-equipped Research Lab with advanced tools and equipment.
- Provide access to journals, e-resources, and software for research analysis.

5. Publication and Dissemination:

- Encourage the publication of research papers in reputed journals.
- Facilitate the participation of faculty and students in national and international conferences.
- Maintain a repository of published works and ongoing research projects.

6. Monitoring and Evaluation:

- Regularly review the progress of ongoing research projects.
- Conduct annual audits of research activities and achievements.

4. Guidelines for Faculty and Students

1. Faculty:

- Faculty members must engage in at least one research project or publication annually.
- Collaborate with other institutions to enhance the scope of research.

2. Students:

- Students must participate in research projects and internships related to their field of study.

- Present findings at departmental or intercollegiate research forums.
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5. Code of Ethics

1. Researchers must comply with ethical norms and avoid fabrication, falsification, and plagiarism.
 2. Confidentiality of research participants and data must be maintained.
 3. Proper credit must be given to all contributors.
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6. Funding and Resources

1. The College will allocate an annual budget for research and development activities.
 2. Faculty and students will be guided on accessing external funding opportunities.
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7. Monitoring and Reporting

1. The R&D Cell must submit a report of its activities and achievements annually to the Principal.
 2. Feedback from researchers and collaborators will be collected for continuous improvement.
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8. Outcomes

1. Increased research output in the form of publications, patents, and innovative projects.
2. Enhanced collaboration with industries and academic institutions.
3. A positive impact on the academic and professional development of faculty and students.

These guidelines aim to establish a robust R&D culture at Gonzaga College of Arts and Science for Women, contributing to academic excellence and societal development.

9. Members of the R&D Cell

1. **Chairperson:** Dr. E Glitta Sunamgali
 2. **Coordinator:** Dr. R Dhinesh Kumar
 3. **Members:** Dr. M Sathyamoorthi
Dr. G Anbarasu
Dr. A Udayakumar
Dr. V Shendra Shainy
Rev. Dr. A Anthuvan Reclin
 4. **Student Representatives:** Ms. R Roja
Ms. K S Mohana Priya
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