

Aurora's Degree & PG College

Research and Development (R&D) Policy

Research is a disciplined means of acquiring new knowledge which enables people to understand a problem and find an effective and meaningful solution. Further research helps in assessing priority needs, planning, Execution, evaluating the outcome in terms of efficiency and effectiveness, communication of results, report writing, approach towards writing a project proposal, acquiring funding from various organizations etc. To achieve the high quality research ambience the following policies have been undertaken. A research development cell has been established that will prepare and implement the documents for development of research and development activities within the Institute.

Establishment of Research and Development (R&D) cell:

The Research and Development (R&D) Cell was established in 2012 as per the decisions taken by the Academic Council.

The R&D Cell comprise of the following members

1. Principal – Chairman (*ex officio* member)
2. Dean (*ex officio* member)
3. Head of all Departments (*ex officio* member)
4. Members and Senior Faculty as nominated by the Director/Principal (*ex officio* member)
5. Nominee from the Industry
6. Nominee form the University
7. Nominee from Network Institution.

Note: Head/Members should have Doctoral degree (Ph.D.) and Head/Members should have Research publications in refereed journals to their credit.

Aurora's Degree & PG College has initiated its Research & Development Cell in 2013 and functional actively with the support of management and Principal.



PRINCIPAL
AURORA'S DEGREE & P.G. COLLEGE
Chikkadpally, Hyderabad-20.

Objectives

- To promote Research culture among faculty and students.
- To monitor the API scores of the faculty periodically and give necessary suggestion for improving the same.
- To encourage faculty to take up major and minor research projects including interdisciplinary fields.
- To make understand the importance of Research publications in referred Journals and in journals with impact factors and encourage them to publish Research Papers in the same.
- To establish long term collaborations with Institute- R&D Organization and companies.
- To nurture the core competence and promote for various Consultancy projects and works
- To encourage faculty for the PhD programmes
- To extend support for faculty and students to present papers at various National and International Conferences.

Roles and Responsibilities of Research & Development cell

- Strengthening the Institutes research capabilities
- Creating a conducive atmosphere wherein, more number of faculty and students continue and conduct research
- Promote faculty research through various publications which increases the research productivity
- Motivation of faculty to write projects for various funding agencies
- Encourage faculty to participate in various review panels and other research related programmes
- Development of modalities of accepting, reviewing, benchmarking, refereeing and publishing research/technical/working papers
- Facilitate the conduction of sponsored research of the faculty
- Facilitate the consultancy work for both faculty and students and monitor the same
- Formulation of norms and policy for sponsored research and consultancy projects
- Preparation of guidelines for Ph.D. programmes, attending conferences, seminars, workshops, training/ Refresher courses.

- Encouraging faculty and students to communicate to the research world through presentation in various conferences and publications
- Develop policy on Faculty development programmes, Conferences, Seminars, workshops etc.
- Maintenance and updating the research projects, workshops, training/ Refresher courses, conferences, presentations at various seminars and conferences, publications etc.
- Development and maintenance of Research data management systems
- Monitoring the progress of project and research work and providing the report on the performance of faculty and students
- Promote Industry-Institution interaction
- Facilitate collaboration with various industries in the form of MOUs which enables consultancy works, exchange programme and technology development projects
- Extending support regarding Patents, Know-how and Technology Transfer
- Motivation of students and faculty for summer internships and Fellowship programmes
- Monitoring the effective utilization of funds for externally funded projects
- Focus on the current research and developing a plan for future knowledge development
- Formation of research ethics committee

Terms of Office

- Members of the R&D cell other than *ex officio* members serve for terms of up to five years.
- An appointed member may be appointed to serve for additional terms as per the approval of the Principal of the Institute.

Meeting Schedule

The R&D cell meets at least two times each semester. The Chairman/Coordinator is responsible for determining if more meetings are required.

Reporting

The R&D cell reports to the Chairman and IQAC team by way of its minutes.

The R&D Cell members

1. Principal - Viswanadham Bulusu
2. Dean - Dr. S. Ravi kiran
3. Head of all Departments-Abdul Aziz (Head, Dept of Chemistry)
Nambiar K.M.R. (Head, Dept of Genetics)
Dr. Ravi Kiran S (Head, Dept of Biochemistry and Biotechnology)
Vanamala P (Head, Dept of Microbiology)
Prathibha G (Head, Dept of Mathematics)
Hari Prasada Rao J (Head, Dept of Computer Science)
Maithry Shinde (Head, Dept of English)
Dr. Padmaja K (Head, Dept of languages)
Aruna Kumari BL (Head, Dept of Physics and Electronics)
K Parimala (Head, Dept of Statistics)
Sai Krishna G (Head, Dept of Commerce and mangment)
4. Members and Senior Faculty as nominated by the Director/Principal
Dr. Shivhar Biradar(Dept of languages)
Dr. Raghunadh Achary M(Dept of Statistics)
5. Nominee from the Industry
Dr. Laxminarayana Burela PhD (HCU), Former NIH fellow
Staff scientist,
Revelation biotech Pvt. Ltd.
Cherlapally, Hyderabad
6. Nominee form the University
Dr. B. S. Ravi Kumar
Associate Professor and Head
Department of Botany
AVK college for women
Hassan
Karanataka
7. Nominee from Network Institution
Dr. S. Prashanth
Assistant Professor
Department of Biotechnology
Osmaina University
Hyderabad


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The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

The **Research & Development Cell** of the college has a stated Code of Ethics to check malpractices and plagiarism in research. It states that,

- The research articles to be published by teachers and students should be their own, authentic and not copied from elsewhere. If there is a need to borrow a word-for-word text, beyond a short phrase or six or seven words, that should be enclosed in quotation marks and should be cited in the references. If there is any kind of violation, they would be informed about the legal issues on the copyright policies.
- There should not be any plagiarism in the manuscript, project reports and thesis reports whether intentionally or unintentionally.
- The work of others should be cited appropriately following the citation norms.
- All the faculty and students are required to maintain the Research Integrity while presenting their data. There should not be any misuse and duplication of the data. Any violations in this regard can be considered as an act of research misconduct.
- The project or research data obtained in the studies performed at the college both by faculty and students is not the property of the researcher alone, it also belongs to the college and the researcher violating the rules would be held accountable for any incongruity, even after the faculty discontinues his/her service from the college.
- The faculty or student who has made a significant finding with high potential value and which is patentable should file a patent through Indian patent agents.
- Faculty may be allowed to engage themselves in consulting or service on a Scientific Advisory board, Editorial Boards and Reviewers by obtaining prior permission from the Principal and Management.
- There should not be any conflict of interest in publications.


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