

Policy for Promotion of Research

KG College of Arts and Science articulates the research policy through Research & Development Cell (R&D Cell) to promote quality research that engenders a sound knowledge-based society which is the hallmark of learning in Higher Education. It is intended to direct, augment and invigorate a spirit of enquiry, scientific temperament, research aptitude, capacity-building in grooming researchers. These ideals are well envisioned supported and nurtured by the institution to develop research, enhance quality publications, mobilise funds and promote innovation leading to product development.

The R&D Centre also aims to streamline the research activities in such a way to confine to the significant rules and guidelines of the UGC, AICTE and affiliating University as well as to the norms and standards of the safe and ethical conduct of research.

Standard Operating Procedures for R&D Cell

Objectives:

- To create an enabling environment and promote the culture of research among the faculty members and students.
- To create awareness and opportunities in R&D among the faculty members and students to undertake funded research projects.
- To integrate departments to prioritize interdisciplinary faculty research projects and setup methodologies for undertaking and preparing collaborative Research Projects.
- To improve the quality of research and publication by financially supporting faculty members through seed grants and reimbursement of publication charges/registration fee.
- To have access and disseminate information in the contemporary research through Seminars/Conferences/workshop and Training.
- To scrupulously follow ethical principles as specified by professional societies as well as UGC and AICTE to ensure Quality, Integrity and Ethics in Research.
- To explore avenues to collaborate with industries for internships and research initiatives.
- To encourage and engage in consultancy projects to provide scope for the faculty members and students to work on the recent trends in evolving technologies with industry standards.
- To identify and establish Industry – Institute interaction through MoUs/MoAs and also with the national and international academic institutions of higher learning and research for widening the scope of research opportunities and fund raising

- To create awareness about Intellectual Property Rights and Patents, encourage Innovation and motivate faculty members and students to apply for IPR/Patents.
- To create an ecosystem for innovations to offer training for skill enhancement to incubate and innovate prototypes to products and later assist to file the patent either the process or the product.
- To encourage entrepreneurship through startups including the incubation center.

Members of R&D Cell

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The Code of Ethics in Research:

This code of ethics in research is directed towards active dissemination of knowledge and ensures validity through rigorous discussion and responsible criticism. It binds ourselves to the strictest measure of integrity and ethical standards to be worthy of the public trust. The responsibilities and obligations of the researchers is to conduct research activities in accordance with the accepted standards of the code of conduct stated below.

- Ensure the accuracy of all data collected / gathered and used for research.

- Give citations clearly to all sources of information and data used in research to avoid plagiarism.
- Avoid statements/ declarations and vague assertions that could lead to wrong/misinterpretation.
- Oblige to issue clarification or rectification if wrong/misinterpretation is notified.
- Duly acknowledge sources of funding for research.
- Respect the confidentiality of sources of data revealed in confidence.
- Take diligent care of the equipment's and materials used.
- Utilize, share and hand over the material resources and equipment's in accordance with the conditions set by the college.
- Adhere to all safety practices in the research activities.
- Ensure that the research activities do not result in environmental degradation.
- Report on violation of any ethical code will be evaluated and acted upon on possible violations of code of research

Roles and Responsibilities of R&D Cell:

- To identify and inform faculty and students about the suitable funded/sponsored research opportunities notified by different research, academic, industry or government & non-government organizations.
- To provide support to the faculty research efforts and to encourage student research as part of the curriculum
- To promote multidisciplinary research and setup methodologies for undertaking and preparing collaborative research projects
- To involve external experts/agencies in different domains of knowledge as well as policies prescriptions
- To encourage and promote faculty and student research publications ostensible academic Scopus Indexed Journals
- To conduct various innovation and entrepreneurship related activities prescribed by the IIC in time bound manner.
- To establish functional ecosystem for Scouting Ideas and Pre-Incubating Ideas
- To develop better cognitive ability amongst the students by providing opportunities for Active Engagement, Independent Thinking and being Creative
- Organize periodic Workshops/Seminars/Interactions with Entrepreneurs, Investors, Professionals and create a mentor pool for student innovators and conduct Hackathons through Ideation

- To create awareness about Intellectual Property Rights and Patents, while encouraging Innovation and motivate the students and teachers to apply for Patent of the innovative product / process