



SHRI GOVINDRAO MUNGHATE
ARTS AND SCIENCE COLLEGE
KURKEHDA. 441209

Research and Development Cell
(RDC)
POLICY



Shri Govindrao Munghate College- Research development Cell(SGMC-RDC) Policy Introduction

SGMC has promoted meaningful scientific industrial Research and Development activities with a vision and mission to pursue and promote Research in Frontier Technologies as well as in the various disciplines of Science and Humanities.

For any education, specifically technical education, the basic model of a 'teaching – only' institution is inadequate to ensure quality education. In all disciplines of technical education, knowledge is dynamic with new technologies being introduced very frequently. In this scenario, it is not possible for the teachers to deliver good quality instructions without being tuned to the current developments in the subjects, for which they must constantly update their knowledge. A well-recognized way to deal with this paradigm is for the teachers to be active researchers in the areas in which they interested. As researchers, they need to understand the past and recent developments in their subject areas.

Research and Development cell was established at SGMC to inculcate research and innovative skills among faculty and students. R&D Cell provides a platform for creativity and innovation to flourish young minds in Institute. Innovative breakthroughs will happen only because of meticulous efforts of R&D.

The integration of Research, Innovation and Technology Development is the foundation of Atma-Nirbhar Bharat (Self-reliant India). The establishment of Research and Development Cell (RDC) in HEIs will enable attainment of targets of Atma-Nirbhar Bharat and is expected to play a pivotal role in catalyzing multidisciplinary/ transdisciplinary and translational research culture mandated in NEP 2020.

SGMC College in its meeting held on 08-02-2023 has decided to implement the UGC initiative by forming RDC cell in the college.

SGMC R&D cell is a nominated committee consisting of Professors, Associate Professors, Assistant Professors, from various programs of Science and Humanities. This committee oversees the smooth and efficient coordination of research and development activities in the Institute, thus fostering overall growth. The organizational structure consists of Principal, Convenor, and Coordinators for facilitating the routine functioning of the cell.

Objectives

- To foster scientific temper.
- To generate innovative ideas on academic and societal problems
- To Encourage, Coordinate and Implement Research And Development Programs (workshops/ seminar/ trainings)
- To create awareness on evolving technologies and industrial standards for products.
 - Provide scope for faculty and students to work on latest evolving technologies with industry standards through consultancy projects.
- To identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry or government organisations.
- To encourage and facilitate the publication of the research work/projects in reputed academic journals and reputed conferences
- To prepare and implement a research quality assurance mechanism for ensuring that all research activities of the college conform to standard quality specifications.
- To develop, prescribe and administer rules and regulations to ensure the compliance of all researchers to the research quality assurance framework and the research code.
- To encourage Core Competence and Consultancy work
- To create awareness about filing Patents & IPR.



R & D CELL MAIN ACTIVITIES

- Assists faculty, research scholars and students in filing research proposals for grants from various funding agencies like UGC, BIRAC, MSME, DST, AICTE, MHRD etc.
- Allocates funds for in-house R & D projects of the faculty, research scholars and students.
- Assists the faculty, research scholars and students in filing of IPRs like patents and copy rights.
- Creating awareness and motivating researchers to work in emerging domains of engineering and technology.

RESPONSIBILITIES OF R&D COMMITTEE

- To prepare annual research activity plan for all the departments.
- To establish liaison with near and far industry and identify the technological challenges being faced by them. Strengthen industry institute interaction through MOUs for long term relationships with national and international research organisations for widening the scope of research options and funding opportunities for faculty and students.
- Take up appropriate problems of the industry for finding solutions through R&D projects assigned to faculty and students.
- Explore technological developmental opportunities in common application areas such as transport, traffic regulation, security, healthcare etc. and assign them to faculty and students.
- To initiate and promote MoU with industries and R&D organizations for consultancy, collaborative research, sponsored projects, industry and Institute interactions etc.
- To arrange brainstorming sessions through talks by eminent personalities from industry, R& D organizations and institutions of repute for the better understanding of research methodology and practices currently followed.
- To support faculty for delivering talks at different events and conducting workshops, training programs, seminars, conferences, symposia and faculty development programs.
- To keep everyone informed about announcements by various funding agencies like DST, DAE, DRDO, ISRO, CSIR, AICTE, UGC and University etc.
- To motivate students for presenting papers in National and International conferences and projects in competitions and exhibitions like AVISHKAR at university level. Interdepartmental / collaborative work to be encouraged.
- To monitor progress of the research and development activity.

RECOMMENDATIONS AND IMPACT • Publications in Research Journals.

- Research Proposals for different funding agencies.
- Participation and Organizing Conferences, Workshops and STTP/FDP.
- Participation in Collaborative Research work, e.g. VAP /Industrial Training.
- Encouragement for Higher Education. • Signing MOU with Industries and Research Organization.

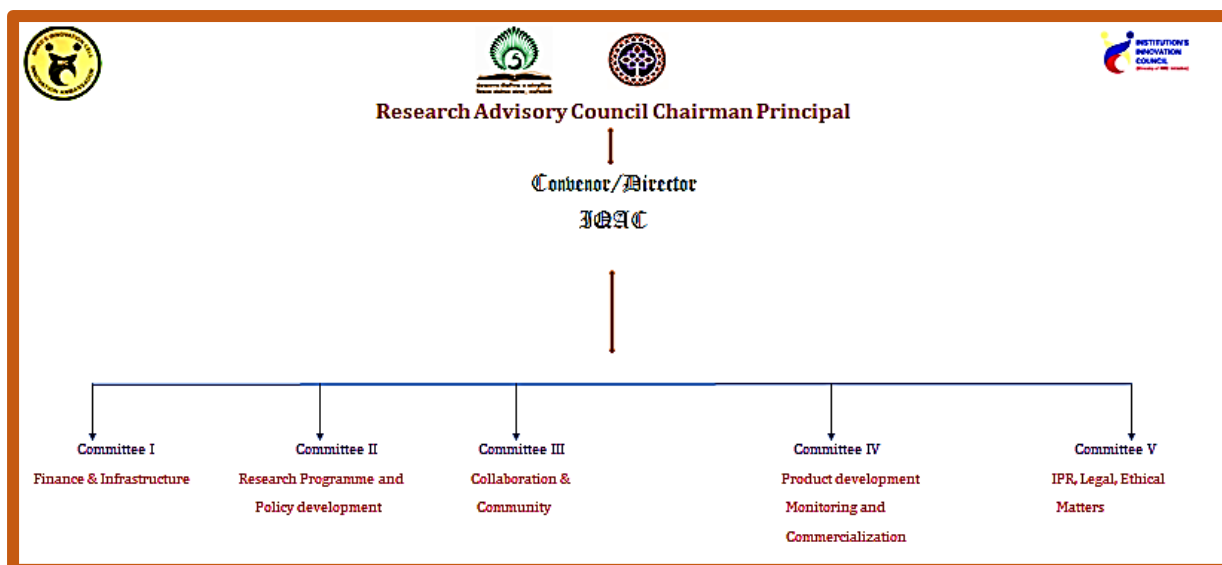
R AND D CELL POLICY To create good infrastructural facilities and conducive environment to inculcate research culture. Policy framework as follows –

- Facilities such as flexibility in timings, use of laboratories etc. are extended to faculty as per requirement.
- Implementing a policy for distribution of testing and consultancy charges to motivate faculty for providing consultancy.
- Faculty with an aptitude for research is identified.
- An initiative is taken by Library to help researchers in understanding recent updates of their publications in terms of citation index, h-index, etc.



- In house Project development.
- The institute encourages the formation of various student chapters of professional bodies within SGMC. The institute will bear the membership fees for the same.

Organogram of SGMC RDC





SHRI GOVINDRAO MUNGHATE
ARTS AND SCIENCE COLLEGE KURKEHDA
Research and Development Cell
(RDC)
First committee
Establishment date: 08-02-2023

Sr. No	Name	Functions to be performed	Designation	Period	
				from	TO
1	Prof. (Dr.), Raju G. Mungthate	Overall functions as Head of Institution	Chairman	08-03-2023	Till retirement
2	Dr. Abhay B. Solunke	As per the Directions of Head of Institution	Convenor/Director	08-03-2023	07-03-2028
3	Dr. Sanjay M. Mahajan	Finance & Infrastructure Committee	Head	08-03-2023	07-03-2028
4	Dr. Bhaskar V. Tupte	Research Programme, Policy Development	Head	08-03-2023	07-03-2028
5	Dr. Deepak S. Bansod	Collaboration & Consultancy	Head	08-03-2023	07-03-2028
6	Dr. Rakhi B. Shambharkar	Product development Monitoring and Commercialization	Head	08-03-2023	07-03-2028
7	Dr. Gunwant G. Wadpalliwar	IPR, Legal & Ethical Matters	Head	08-03-2023	07-03-2028