



Nagar Yuwak Shikshan Santha, Airoli's

DATTA MEGHE COLLEGE OF ENGINEERING

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai) NAAC (Cycle 2) 'A' Grade Accredited, NBA accredited (Chemical Engg. & Civil Engg.)

Datta Meghe College of Engineering (DMCE), the institute has grown beyond leaps and bounds to become a premier institute in academic pursuits and higher standards of excellence. The College campus is vibrant with academic, co-curricular, extracurricular and sports activities all around the year and is accredited with NAAC. The College thrives to focus on excellence in research and aims to stay ahead in the Science and Technology sector. Our commitment towards research yields long term technical impacts over interdisciplinary areas. The R&D cell serves as a wide platform for all research enthusiasts who have a constant thirst for innovation and development. Besides promoting research and disseminating knowledge gained the institution helps to develop co-operation between the academic and industrial communities.

Objectives:

Objectives of the R&D policy have a focus on social, industrial and environment challenges through extensive core and multi-disciplinary research

- To encourage and support faculty members to conduct research in all fields and disciplines of Engineering and Applied Science.
- To establish consultancy projects for the benefit of the end users
- To utilize existing facilities effectively and to establish new facilities
- To file more number of patents
- To Integrate research and education
- To develop core group of faculty with increased potential of research
- To mentor the academic and industry based research projects.
- To publish the research works in renowned journals.
- To motivate and mentor students to participate in various national and International contests.

Scope:

The research activities shall include supervision, execution of latest research, Interdisciplinary and multi-disciplinary research, academic and research collaborations with other institutions or Universities, Government/private industry, consultancy assignments, Government Funded / Private Funded projects that might result in development of new or existing products, processes publications and Intellectual Property Rights.

Research and Development Cell

The R & D cell comprises of faculty members from various departments in the Institution. This committee oversees the smooth and efficient co-ordination of research and development activities in the Institution and overall growth. The members will contribute towards enhancing research and development. Research and Development Cell facilitates creation and transfer of knowledge by conducting technical workshops, seminars, industrial visits, Training programs, National and International Conferences, Technical presentations by faculty members and also

provides mechanism for submission of research proposals for funding by Institute/University and other funding agencies.

R&D Cell has the responsibility of regulating the research activities of faculty members, scholars and students of the Institution. It also initiates research components in the curriculum of UG and PG Programs.

- Development of Research infrastructure
- Monitoring the progress of Ph.D scholars
- Promotion of research in emerging areas
- Inseminating inter-disciplinary research activities across all the departments
- Providing support to all department faculty to pursue research in their area of expertise
- Monitoring the utilization of research facilities
- Monitoring the quality of publications and other research activities
- Organizing various seminars, workshops, National / International conferences and other events related to R&D
- Affirm policies for sponsored research and consultancies.
- Encourage the development of strategic research priorities, objectives and monitor research performance within the framework of planning process.
- To initiate and promote MoU with industries and R & D organizations for consultancy and collaborative research.
- Encouraging submission of Journal Paper.

The constitution of R&D cell is as follows.

Chairman: Principal

Members:

- Head of Departments from every department.
- Research Coordinator from every department.(Each department has the Research Coordinator who will monitor the R& D activities of the department.)

Member-Secretary: Research Coordinator

Academic Research Publication Objectives:

- Faculty of each department shall conduct research in recent areas.
- Faculty publication in SCOPUS /WEB OF SCIENCE indexed and UGC listed journals are appreciated.
- Individual Citation Score needs to be improved by publishing in reputed journals.
- All publications and research papers of faculty have to go through plagiarism check.
- Every UG and PG project shall lead to at least one research publication in a journal indexed in SCOPUS or WEB of SCIENCE or UGC care.

Patents:

Receiving patent for one's research work is one of the most important factors denoting the quality of research. Financial and legal assistance shall be provided to those who are interested in registering for the patent. The commercial aspects shall be mutually worked out between the Institution and the researcher.