3.1 Promotion of Research and Facilities

3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

The professional institution has framed a strong research policy to promote research interest and innovations in the emerging areas of Science, Engineering, and Technology to support a research culture among faculty members and research scholars to undertake interdisciplinary research. The excellence of research work directly translates to the excellence of teaching and learning in the classroom, benefiting students, society, and our country. The research activities encourage the academic programme by enriching the knowledge of the faculties in their field of expertise. The strength of the research initiatives is that they confirm to established norms and standards for the safe and ethical conduct of research. The well-defined research policy has been approved and uploaded on the college website.

R & D Cell:

Our institute has constituted research committee by Principal with the Director and all the Heads and Deans are nominated as Research Composition Committee members to monitor research activities. The R & D Cell keeps a constant check on the calls for proposals and encourages faculty members to submit proposals to government and non-government funding agencies. Research proposals must go through a multi-tiered review process that includes the research and development committee and the research ethical committee. This may be followed by a review by eminent experts from the advisory board of the R & D council. The proposal is then examined by the R & D committee before submission to the funding agency.

Research Laboratories:

The institution has been 4 research centres offering Ph.D programmes in different disciplines they are Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE) , Mechanical Engineering (Mech) and Electrical and Electronics Engineering. The institution has received research funds to set up laboratories Fuel Cell Research Lab , Nano Research Lab and Antenna research lab, under the scheme of AICTE AQIS RPS and constructed Cloud Base Virtual Computing for Open Source Software Teaching and Research Laboratory under the scheme of AICTE- MODROB. The Institution has linked MoUs with industries such as Common Effluent Treatment plant, SIPCOT, Perundurai., TVS Training and Services Ltd, Chennai, TAKSHILA Institute of VLSI, Bangalore, Medingers Health care Solutions, Erode, SACCA Institute of Freight and Tourism, Andaman, Nexgen, Japan,, Medingers Health care Solutions, Erode, ICT Academy, Roots Industries, Campus Connect Infosys etc. to promote a multidisciplinary research culture.

Library:

The institution maintains a highly stacked library for research reference. The digital library has 200 IEEE access, 2952 JGate, and 235 DELNET Pro-quest online journals, 8820 e-books, 31,535 Audio Visual courses, and 9202 Conference Proceedings with back volumes. There are 2895 e-Books and 842 e-Journals and e-Magazines on CDs, DVDs, and VCDs along with free accessible online open sources like books, journals, magazines, career and skill development, projects, scholarships, competitive exam portals etc. by providing links.

The Institution has conducted various webinars, workshops, and FDPs to promote research in the areas of patents, improving research visibility, etc. During the tenure 2016-2021, the Institute has 60 doctorates, among them 22 are research guides and 40 research scholars are pursuing their doctoral research.