

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

The Research facilities at MCET are frequently updated to support the faculty and students research activities. MCET is committed to promote quality research and consultancy works to facilitate faculty members by establishing i)state of the art facilities,ii)collaboration with industries and other institutions,iii)formulating well defined Policies and processes.

The campus has four techno-commercial ventures to provide hands on experience, internship and industry exposure to students and faculty members.

The details pertaining to Research, Innovation, Consultancy and Extension are frequently updated in the institution's website.

A few of the notable research support services are listed below:

1. **Exclusive office to promote Research and Innovation(R&I) headed by Dean R&I**–
The cell promotes research activities such as Paper Publications, Project proposals, Patent drafting, inter-disciplinary discussion forum and shares announcement of research related funded schemes offered by Government and various industries. It also provides events such as knowledge-sharing sessions to encourage and bring out unique ideas from both students and faculty.
2. Well defined policies are framed to promote R&I.
3. **Incentives are provided to faculty members for research publications, online certifications, filing patents**-An amount of Rs.18,27,500 has been provided as incentive to motivate the contribution of faculty members in research activities. Revenue of Rs.1,24,06,723 was generated from facilities created through consultancies.
4. **Financial support is provided to faculty members for attending Conferences, Workshops, FDPs.**
5. **Provision of seed money for R&D**-To promote early-career research activity among all prospective faculty members and students, an amount of Rs.18.7 lakhs has been provided in the past five years for 21 projects.
6. **Support to pursue Ph.D.**-Currently MCET has 7 Research Centers with 56 faculty members acting as guide, 78 are pursuing Ph.D and 71 have completed Ph.D.
7. Students are financially supported for innovative projects, Hackathon and other R&I activities.
8. **Establishment of Centre of Excellence(COE),Industry driven state of the art facility and linkages**
 - The Institution has established 18 CoEs in partnership with industry. CoEs offer advanced training, research and consulting opportunities to students, faculty and industry personnel.
 - Industry collaborations are facilitated through MoUs which enables students to conduct industry driven research activities. There are 40 functional MoUs at present.
 - Advanced equipment and software licenses from notable industries like SIEMENS, REXROTH, CAPGEMINI, MITSUBISHI, EKKI, BOSCH etc., are available.

9. **Industrial training provided to faculty members through various FDPs organised by AICTE, NPTEL, IITs, NITs, NITTTR and others, as well as industry collaborations, supports in the execution of excellent research and consultancy services.**
10. **The Centre for Innovation, Business Incubation, and Entrepreneurship (CIBIE) provides incubation to students who want to start their own businesses.** Currently, 16 Incubates including students, alumni and graduates from other colleges are actively functioning.
11. **Availability of State-of-the-art research equipment**-Research facilities are made accessible on the campus to assist faculty members in performing research activities. Equipment includes Chroma Thermal interface model, Hydraulic Actuator, Instron-Impact Test, Robotics welding machine etc.
12. Subscriptions are made to international journals and research related books.