

## MIT Academy of Engineering

<b>Job title</b>	Professor
<b>Reports to</b>	Dean of School

### Job purpose

- Overall responsibility of Academics and Research Activities

### Duties and responsibilities

- Design and development of the overall curricula as per the current needs.
- Develop innovative approaches to course design and deliver a range of courses at various levels including preparation of course plan, effective conduction of lectures and maintain attendance.
- Deliver knowledge including practical skills, methods and techniques.
- Set and assess work and examinations and provide feedback to students.
- Maintain the quality records related to the academics as well as portfolio.
- Supervise student projects, field trips and, where appropriate, placements.
- Ensuring that the related lab equipments are maintained.
- Contribution in lab development activities.
- Ensure that teaching design and delivery act in accordance with the quality and standards of the institute.
- Coordinate with the other faculty members for various departmental or institute level activities.
- Contribute in development and implementation of research and development strategy.
- Publishing research work in peer reviewed SCOPUS / SCI / Web of Science Indexed journals.
- Prepare research proposals and fetching funds from various funding agencies.
- Acquiring funds from different societies / schemes
- Enhancing skills by attending workshops / FDPs / Industrial training and MOOC courses.
- Organising Conference / Workshop / Seminar in collaboration with SPPU, ISTE, AICTE etc.
- Contribution in outreach activities, consultancy, Industry collaboration and product development.

- Involvement in the School's other activities.
- In the absence of School Dean, if given the charge, carry out routine activities of the school.
- Any other task assigned by management of the institute from time to time.

## Qualifications

Ph.D. in Engineering in the disciplines of Chemical / Computer / Civil / Electronics / Electronics and Telecommunication / Electronics/ Information Technology / Mechanical.

### Essential requirements:

- BE/B.Tech & ME/ M.Tech in relevant branch with 1st class, PhD in appropriate discipline.
- Post PhD publications and guiding PhD students is highly desirable. Minimum of 10 years teaching/ research /industrial experience of which at least 5 years should be at the level of Associate professor or Minimum of 13 years experience in teaching and / or Research and /or Industry.
- If the experience in industry is considered, the same shall be at managerial level equivalent to Associate Professor with active participation record in devising/ designing, planning, executing, analyzing, quality control, innovating, training, technical books/ research paper publications / IPR/ patents, etc.
- An intellectual leader with a demonstrated track record showing distinguished teaching, research, and scholarly publications that exhibit a balanced commitment to academic excellence.
- A person of high energy, absolute integrity, enthusiastic optimism and the perseverance to bring initiatives to fruition.