

Kasegaon Education Society's
Rajarambapu Institute of Technology, Rajaramnagar
(An Empowered Autonomous Institute)

Details of Professor of Practice Requirement

Position 1: Professor of Practice – Mechanical System Design for Industrial Automation

Position 2: Professor of Practice – Embedded System Design/PLC programming for Industrial Automation

About the Role

We are seeking an accomplished industry expert in Industrial Automation to join as a Professor of Practice. The role focuses on bridging academia and industry by bringing real-world automation practices, emerging technologies, and hands-on expertise into teaching, research, and institutional development.

Eligibility & Qualifications

- Bachelor's degree in **Electrical Engineering / Electronics & Telecommunication / Instrumentation / Mechatronics / Mechanical Engineering Automation Engineering**
- Master's degree preferred; however, **exceptional industry experience can substitute postgraduate qualifications**
- Minimum **5–10 years of relevant industry experience** in Industrial Automation
- Product development experience is preferred.
- Candidates from leading automation industries, system integrators, or manufacturing sectors will be preferred

Technical Expertise Required for Professor of Practice – Mechanical System Design for Industrial Automation

Candidates should demonstrate strong hands-on and conceptual expertise in:

- Knowledge of CAD/CAM/CAE, Manufacturing, Thermal Systems, Product Design, Mechatronics.
- Softwares: CATIA, Solidworks, Ansys- Structural, CFD.

Technical Expertise Required for Professor of Practice – Embedded System Design/PLC programming for Industrial Automation

Candidates should demonstrate strong hands-on and conceptual expertise in:

- Embedded System Design, Electronics product design.
 - Software: Embedded programming (STM32 programming), SPI, I2C, UART, CAN bus protocols.
 - Industrial IoT (IIoT)
 - PLC programming (e.g., Siemens, Allen-Bradley, Schneider, Mitsubishi)
 - SCADA & HMI development
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Roles & Responsibilities

- Deliver **practice-oriented teaching** in Industrial Automation and related domains
 - Develop and conduct **lab sessions, workshops, and industry-driven courses**
 - Mentor students in **industry projects, internships, and startups**
 - Establish and strengthen **industry collaborations and MoUs**
 - Support **consultancy projects, sponsored research, and skill development programs**
 - Assist in setting up **Centers of Excellence / Automation Labs**
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Desirable Attributes

- 5-10 year experience in product design and development in “Industrial Automation”
 - Strong industry network and collaboration experience
 - Excellent communication and mentoring skills
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Appointment Terms

- Appointment as per regulatory guidelines for **Professor of Practice positions**
 - Preferred Engagement nature is Full-time. However, for exceptional candidates, a hybrid mode, combining remote work with on-campus engagement may be considered.
 - Salary comparable to industry standards
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How to Apply

Interested candidates should submit:

- Detailed CV highlighting industry projects and achievements
 - Statement of purpose (industry-academia contribution)
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