



Learn Beyond

**KPR Institute of
Engineering and
Technology**

(Autonomous, NAAC "A")

Avinashi Road, Arasur,
Coimbatore - 641 407
Tamil Nadu - India

Tel: 0422-263 5600

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CRITERION VII

INSTITUTIONAL VALUES AND BEST PRACTICES

7.2.1 Best practices

Best Practices – I

1. Title of the Practice

Mandatory Industrial Training for Students and Faculty

2. Objectives of the Practice

To bridge the gap between academic learning and industry requirements by providing mandatory industrial training for students and faculty. The practice aims to enhance technical competencies, industry exposure, practical skills, and employability while fostering industry-academia collaboration.

3. The Context

With rapid technological advancements and changing industrial requirements, experiential learning has become essential in engineering education. Mandatory industrial training enables students to acquire practical knowledge, understand industrial processes, and develop professional competencies. Faculty members also undergo industrial training to update their technical expertise, integrate current industry practices into teaching, and strengthen industry-academia partnerships.

4. The Practice

The institution implements the following initiatives:

- Mandatory industrial training for students during semester breaks.
- Faculty internships and industrial immersion programmes.
- Training through industry partners, Centres of Excellence, and corporate organizations.
- Industry visits and hands-on exposure to manufacturing and service sectors.
- Evaluation of industrial training through reports, presentations, and viva-voce.
- Integration of industrial learning into curriculum delivery and project work.
- Continuous interaction with industry experts through workshops and technical sessions.



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5. Problems Encountered and Resources Required

Problems Encountered

- Limited industrial training opportunities during peak academic periods.
- Coordination challenges with industries.
- Travel and accommodation expenses for participants.
- Variations in training quality across industries.

Resources Required

- Strong industry partnerships and MoUs.
- Dedicated training coordinators.
- Financial support for industrial visits and internships.
- Continuous collaboration with industries for quality training programmes.

Best Practices – II

1. Title of the Practice

Mentorship for Start-ups

2. Objectives of the Practice

To nurture entrepreneurial talent by providing structured mentorship, incubation support, and access to industry experts, enabling students and faculty to transform innovative ideas into sustainable start-ups.

3. The Context

Entrepreneurship plays a vital role in economic growth and innovation. To encourage a start-up ecosystem within the institution, structured mentoring support is provided through experienced entrepreneurs, industry professionals, faculty mentors, and incubation centres. The initiative helps aspiring entrepreneurs develop innovative products, business models, and technology-based enterprises.



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4. The Practice

The institution undertakes the following initiatives:

- Assigns experienced mentors to student and faculty start-up teams.
- Conducts entrepreneurship development programmes, boot camps, and innovation workshops.
- Facilitates business plan preparation and start-up validation.
- Supports incubation, prototype development, and product commercialization.
- Connects start-ups with investors, industries, and government funding agencies.
- Organizes start-up exhibitions, pitch competitions, and networking events.
- Provides guidance on intellectual property rights, patents, and company registration.

5. Problems Encountered and Resources Required

Problems Encountered

- Limited seed funding for early-stage start-ups.
- Market validation and commercialization challenges.
- Balancing academic commitments with entrepreneurial activities.
- Access to experienced mentors in specialized domains.

Resources Required

- Dedicated incubation infrastructure.
- Seed funding and financial assistance.
- Industry mentors and investor networks.
- Technical laboratories, prototyping facilities, and entrepreneurship support services.