



TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

AN AUTONOMOUS INSTITUTION

Accredited by NBA and NAAC with 'A+' Grade.

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated to JNTU H)

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Objective:

A Project Review Committee (PRC) in an engineering college is responsible for overseeing, evaluating, and guiding student projects, including capstone and research projects. The committee ensures that projects meet academic standards, align with departmental goals, and offer students valuable experiential learning opportunities.

Functions of a Project Review Committee

1. Project Proposal Review and Approval

Reviews and approves project proposals to ensure they meet academic, technical, and safety standards. Evaluates project feasibility, scope, objectives, and relevance to the program's learning outcomes. Ensures projects align with industry trends, research objectives, or real-world problem-solving goals.

2. Project Monitoring and Guidance

Provides periodic reviews of ongoing projects to monitor progress and ensure students meet milestones. Offers guidance on project methodologies, resources, and troubleshooting to address technical or logistical challenges. Facilitates connections with faculty advisors, industry experts, or research labs when specialized knowledge or support is needed.

3. Resource Allocation and Support

Coordinates access to resources such as lab space, equipment, software, and materials needed for project execution. Assesses budget requirements and allocates funds or seeks sponsorship if necessary. Assists students in acquiring permissions or complying with regulations related to lab safety, ethical standards, or environmental impact.

4. Evaluation and Feedback

Evaluates completed projects based on criteria such as innovation, technical competency, teamwork, problem-solving, and alignment with project objectives. Provides constructive feedback to students, highlighting strengths and areas for improvement. Supports the assessment of student learning outcomes by documenting skills demonstrated and lessons learned from each project.

5. Documentation and Reporting

Ensures that students maintain adequate documentation throughout the project lifecycle, including proposals, progress reports, and final reports. Compiles summaries of project outcomes and student performance to support departmental accreditation or quality assessment reports. Documents best practices, lessons learned, and successful projects to serve as resources for future students and faculty.

6. Showcasing and Recognition

Organizes events such as project exhibitions, presentations, or competitions to showcase student projects to the academic community and industry representatives. Recommends high-quality projects for awards, publication, or participation in external competitions. Promotes successful projects through departmental newsletters, websites, or alumni networks.

Composition of a Project Review Committee

The composition of a Project Review Committee should reflect a range of expertise to guide and evaluate a variety of student projects. Key members typically include:

1. **Guide** Core faculty from the department who have expertise in the technical areas covered by the projects. They provide in-depth knowledge and mentorship to students.

2. **Department Chair or Program Head**

An administrative leader who oversees project quality and alignment with departmental goals and provides necessary approvals for project proposals and resources.

3. **Project Co-ordinator**

A faculty to co-ordinate the schedule of Reviews and gather the Review reports.