

Mentor–Mentee Initiative

Industry–Academia Mentorship Guidelines



1. Objective

- To provide students with a clear roadmap in the right direction for solving real-world problems
- To offer structured guidance from industry experts beyond traditional classroom learning
- To bridge the gap between academic knowledge and industry expectations
- To enhance problem-solving, critical thinking, and professional skills

2. guidance-driven mentorship program

Focus is on:

- Learning approach and problem-solving strategy
- Understanding industry expectations
- Building a structured roadmap for solution development
- Industry mentors will guide and mentor rather than assign routine tasks

3. Source and Nature of Problem Statements

- Problem definitions will be collected from the approved list of industry mentors
- All problem statements must be non-confidential

Problems should:

- Encourage thinking and guided exploration
- Be feasible within 3–4 months
- Help students follow a step-by-step roadmap toward solution

4. Mentorship Structure

- One Industry Mentor → Provides direction, roadmap, and guidance
- One Internal Faculty Mentor → Ensures academic alignment and monitoring

5. Student Participation

- Follow the roadmap suggested by mentors
- Actively engage in discussions and learning
- Focus on understanding the approach, not just completing tasks
- Maintain regular communication and updates

6. Mentorship Duration and Process (3–4 Months)

- Problem definition from industry mentor

- Initial roadmap discussion
- Student allocation
- Meeting
- Guided development with periodic reviews
- Final presentation and learning outcomes

7. Roles and Responsibilities

Industry Mentor:

- Provide direction and roadmap
- Guide students in approaching the problem
- Share practical insights and industry expectations
- Review progress and suggest improvements

Internal Faculty Mentor:

- Support students in understanding concepts
- Ensure progress follows academic standards
- Coordinate with industry mentor

Students:

- Follow guidance and roadmap
- Learn the approach and reasoning
- Actively participate and explore solutions

8. Expected Outcomes

- Clear understanding of how to approach real-world problems
- Exposure to industry thinking and workflows
- Development of structured problem-solving skills
- A working solution/prototype (if feasible)

9. Evaluation

- Understanding of the roadmap and approach
- Learning and improvement during mentorship
- Ability to apply guidance effectively
- Final outcome and presentation

10. Coordination

- Ideation and formalization of the initiative will be coordinated centrally
- Departments will assist in execution and monitoring
- Faculty mentors will act as the bridge between students and industry mentors