

Industrial Product Development League (IPDL) Policy & Implementation Manual (Under ApniLeap Initiative)

Version 1.0

This manual provides an implementation framework for engineering departments to promote product development, industry collaboration, innovation and industry-ready graduates through the Industrial Product Development League (IPDL).

1. Director's Policy Order

The Institute hereby establishes the Industrial Product Development League (IPDL) under the ApniLeap Initiative. Every department shall implement IPDL from month of July each academic year. IPDL shall become the primary mechanism for encouraging product development, industry-sponsored projects, consultancy, innovation and student employability. Heads of Departments shall ensure implementation and periodic review.

2. Objectives

- Promote product development culture.
- Increase industry-funded projects.
- Strengthen project-based learning.
- Improve placements.
- Increase patents, prototypes and consultancy.
- Encourage interdisciplinary innovation.

3. Governance

Director (Policy), ApniLeap Coordinator (Institute Monitoring), HoDs (Execution), Faculty Mentors (Guidance), Students (Execution), Industry Mentors (Validation).



4. Department Responsibilities

Identify niche domains, constitute one to three IPDL teams, define annual targets, arrange industry mentors, conduct monthly reviews, organize annual department competition if more than one team is working on the industry problems and submit KPI reports.

5. HoD Responsibilities

Approve teams, allocate laboratory resources, facilitate industry interaction, monitor progress, verify KPIs, nominate best teams and ensure documentation.

6. Faculty Responsibilities

Mentor student teams, identify industry problems, supervise prototype development, support funding proposals, encourage patents and publications, maintain concise progress reports.

7. Student Responsibilities

Participate in product development, maintain design records, interact with industry, present outcomes, demonstrate prototypes and participate in competitions.

8. Industry Mentor Responsibilities

Provide industrial problem statements, review progress quarterly, validate solutions, recommend improvements and support internships or sponsorship.

9. Quarterly Review

Evaluate KPI achievement, funding, patents, publications, placements, consultancy and corrective actions.

10. Annual Competition Guidelines

Each department shall organize an IPDL competition. Teams shall demonstrate working products. Evaluation shall emphasize measurable outcomes over documentation. Winners participate in the institute championship.



11.Evaluation Rubric (100 Marks)

Criterion	Marks
Innovation & Originality	15
Technical Quality & Prototype	15
Industrial Relevance	15
Industry Funding/Sponsored Projects	25
Student Skill Development	10
Patent/Commercialization Potential	10
Presentation & Demonstration	10

12.Funding-based Marks

Funding	Marks
Nil	0
Up to ₹5,000	5
₹5,001–10,000	10
₹10,001–20,000	15
₹20,001–50,000	20
Above ₹50,000	25

13. Awards

Cash prizes and certificates shall be given to Best Department, Best Product/ Prototype, Best Industry Collaboration, Highest Funding, Best Student Team.



Chairman of BoG


Director