

# POST GRADUATE PROGRAMME IN PROJECT ENGINEERING AND MANAGEMENT (PGP PEM)

PGP PEM is a full time, 2 year residential programme to train the faculties of young and dynamic graduate engineers, from various fields of engineering, such as Civil, Mechanical, Electrical, Chemical, Electronics, Production and Computer science, in order to develop them into mature, knowledgeable and professional project managers with the potential to manage multidisciplinary projects relating to Process Industries, Infrastructure, Power, Telecom, Petro - Chemical, Oil and Gas Piping, IT sectors and various other engineering fields in India and abroad.

Progressive Organizations therefore have made Project Management capabilities a priority and take pains to make certain to acquire them. We at NICMAR strive to develop potential team leaders to handle multi-disciplinary project tasks which not only need technical expertise with managerial aptitude, but also understanding the nuances of the dynamic project environment.

## COURSE CURRICULUM

### General Management

Organizational Behaviour & Structure  
Management of HR & IR  
Marketing Management  
Managerial Accounting  
Financial Management  
Economic Environment & Policy  
Statistical Methods & Techniques  
Operations Management  
Operations Research  
Quality Management

### Project Management

Project Planning & Scheduling Techniques  
Project Accounting & Control Systems  
Business Strategy for Project Organizations  
Business Development & Project Marketing  
Project Proposals, Cost Estimation & Tendering  
Contract Management  
Legal Aspects of Project Management  
Risk Management & Insurance  
Project Formulation & Appraisal  
Project Finance & Structuring  
Project Site / Operations Management  
Project Procurement & Materials Management

Transportation & Logistics Management  
Health, Safety & Environmental Management  
International Project Management  
Information Technology for Project Management  
Advances in Project Management

### Elective Courses

Piping Engineering & Installation  
Material Handling Systems  
Static and Rotating Equipment  
HVAC & Building Services  
Engineering Standards & Applications  
Process Design, Engineering, Testing & Commissioning  
Management of New Product Development Projects  
Software Development Projects  
E-Business Applications in Project Management  
Infrastructure Projects  
Power Projects  
Telecom Projects  
Social Cost-Benefit Analysis for Projects  
Oil and Gas Projects  
Instrumentation Projects  
Logistics & Supply Chain Management

World Class Manufacturing  
Enterprise Resources Planning

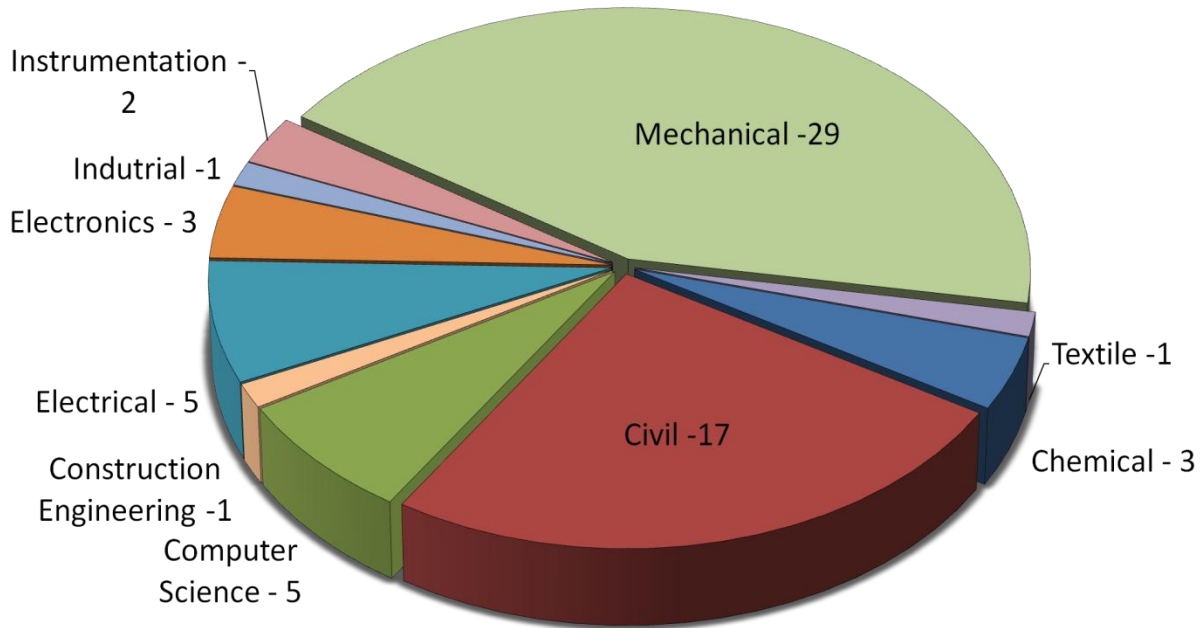
**Practical Workshops**

Communication & Presentation Skills  
Computer Skills

Engineering / Management Software  
Applications

Project Management Softwares  
Project Engineering Workshop Practice  
Project Case Study & Presentation

**BATCH PROFILE – PGP PEM 2008-10**



Domain	Freshers	Experienced	Total	
Chemical	2	1	3	<b>Batch Strength 67</b>
Civil	5	12	17	
Computer Science	4	1	5	
Construction Engineering	0	1	1	
Electrical	2	3	5	
Electronics	2	1	3	
Industrial	0	1	1	
Instrumentation	1	1	2	
Mechanical Engineering	16	13	29	
Textile	0	1	1	