

Priyadarshini Indira Gandhi College of Engineering, Nagpur

Perspective Plan

Features of the present perspective plan of the institute:

1. Enhancing the quality of Teaching – Learning Process.
2. Upgradation of laboratories by procurement of equipments.
3. To promote Industry Institute Interaction (III).
4. To lay emphasis on research.
5. Engaging extension activities.
6. MoUs with organizations / Industries.
7. Utilization of faculty expertise for knowledge sharing.
8. To encourage faculties to pursue Ph.D.

A brief description of perspective plan is given below:

- 1. Enhancing the quality of Teaching – Learning.**
 - To provide more learner centric, teaching – learning methodology.
 - Up-gradation of skills of staff through STTP, FDP, web learning through NPTEL, etc.
 - Industry interface through internship.
 - Undertaking field project with participation from the industry.
- 2. Upgradation of laboratories by procurement of equipments.**
 - Development of High voltage laboratory in Electrical Engineering.
 - Development of Fluid mechanics lab, Concrete technology lab, Surveying lab, Structural analysis lab in Department of Civil Engineering.
- 3. Promote Industry-Institution Interaction.**
 - Providing platform to the students to undertake internship in related industries.
 - Make an effort to educate the students for entrepreneurship
 - Signing MoU with organization/corporate/industry to exchange the knowledge and expertise in related program of engineering
 - Providing skill based training to the student.
- 4. To lay emphasis on research and innovations.**
 - Encouraging faculty members to undertake research work and research publication in a reputed journal, conferences, etc.
 - Taking efforts to undertake sponsored research projects.
 - Encouraging & motivating students to attend conferences, workshops, undertake the project of research orientation, publish their research/review papers, etc..

5. Engaging extension activities

- Contributing to social change and promoting green initiatives.
- Inculcating a value system in students.
- Developing leadership qualities in students through various activities.
- Inculcate sense of nationality in every individual student while undergoing his/her studies.
- Personality grooming of all students with social values.
- Enhancing operational efficiency in academic and administration for better results.

6. MoUs with organizations / Industries.

- To provide advance training and improve placement of students.
- To provide industrial training to students during vacations through internship.
- MoUs helps in designing industry academic curriculum, student's projects, training and upgradation of laboratories.

7. Utilization of faculty expertise for knowledge sharing.

- Organize workshop of expertise faculties for faculty and students.
- Deliver lectures in other organization for knowledge sharing.

8. To encourage faculties to pursue Ph.D.

- Lien facility to teaching staff for pursuing higher studies.
- Special leave/vacation is provided for pursuing research, Ph. D. and higher education.