

## **1. Vision and Mission statement of the Institute (DCE, Darbhanga)**

- Vision:** To produce quality engineers to pursue higher studies and serve the national, multi-national companies at large.
- Missions:** To produce quality engineers through good teaching-learning ambience.  
To promote the graduates for higher studies and research.  
The graduates will serve the nation through public services.  
To provide engineers to serve the society through ethical values.

## **2. Vision, Mission, PSO (Program Specific Objective) and PEO (Program Educational Objective) of the Branch Electrical and Electronic Engineering of DCE, Darbhanga.**

### **Vision of EEE Dept.-**

To produce quality electrical and electronics engineers to pursue higher studies, serve the national, multi-national companies and society at large.

### **Mission of EEE Dept.-**

**M1:** To provide high quality teaching and finest environment for learning to the students.

**M2:** To promote the graduates for higher studies and research

**M3:** To embed ethical values in graduates through various activities.

**M4:** To expose our graduates to the latest technology and research through collaboration with the industry and research institutes.

**PSO 1.** Students should be able to identify, formulate and solve problems in the areas of automation, control systems and power engineering.

**PSO 2.** Students will be able to provide sustainable solutions to growing energy demands.

**PEO 1.** The graduate will apply the electrical and electronics engineering concepts to excel in higher education and research & development activity having strong foundation in science and technology.

**PEO 2.** The graduate will demonstrate the knowledge and skills to solve real life engineering problems and design electrical systems that are technically sound, economical and socially acceptable.

**PEO 3.** The graduates will showcase the professional skills keeping team spirit, societal and ethical values.

### **3. Vision, Mission, PSO (Program Specific Objective) and PEO (Program Educational Objective) of the Branch Civil Engineering of DCE, Darbhanga.**

#### **Vision of Civil Engineering Dept.-**

To produce quality civil engineers to pursue higher studies in core areas of civil engineering who are also competent to serve the national and multi-national industries and our society at large.

#### **Mission of Civil Engineering Dept.:-**

**M1:** To produce competent and technologically capable professionals through good teaching-learning ambience as well as by collaborating with relevant industries.

**M2:** To motivate graduates towards innovation and research in the field of civil engineering.

**M3:** To provide quality education in undergraduate levels with strong emphasis on professional ethics and social commitment.

**PSO 1.** Graduates will be able to function as design consultants in the relevant industry for the design of civil engineering structures using modern software tool.

**PSO 2.** Graduates will be able to develop knowledge in some specific technical areas of civil engineering; Structural, Geotechnical, Transportation, Earthquake and Environmental engineering.

**PEO 1.** The graduate will apply the civil engineering concepts while pursuing higher academic and research activity.

**PEO 2.** The graduates will showcase the professional skills keeping societal and ethical values.

**PEO 3.** The graduate will demonstrate the knowledge and skills of civil engineering to solve the structural and design engineering problems.

### **4. Vision, Mission, PSO (Program Specific Objective) and PEO (Program Educational Objective) of the Branch Mechanical Engineering of DCE, Darbhanga.**

#### **Vision of Mechanical Engineering Dept.-**

To produce quality mechanical engineers to pursue higher studies in thermal, manufacturing and design engineering, serve the national and multinational companies.

### **Mission of Mechanical Engineering Dept.:-**

**M1:** To produce quality mechanical engineers through a good teaching-learning ambience.

**M2:** To promote the graduates for studies and research in mechanical engineering. Graduates will serve the nation through public services.

**M3:** To produce mechanical engineers to apply their knowledge and skills while working as a professional engineer keeping ethical values.

**PSO 1.** Students should be able to understand and apply the concept in the field of design, manufacturing, and in thermal areas.

**PSO 2.** Students should be able to learn and apply the software like AutoCAD, Ansys, Catia for various applications.

**PEO 1.** The graduates will demonstrate the knowledge and skills of mechanical engineering to obtain the solution to the complex design engineering problems.

**PEO 2.** The graduate will apply the mechanical engineering concepts while pursuing academic and research activities.

**PEO 3.** The graduates will showcase the professional skill with keeping societal ethical values.

### **5. Vision, Mission, PSO (Program Specific Objective) and PEO (Program Educational Objective) of the Computer Science Engineering of DCE, Darbhanga.**

#### **Vision of CSE Dept.-**

To produce valuable and cultured graduate student meeting the expectation of national, multi-national industries who will also excel in the field of computing and higher studies.

#### **Mission of CSE Dept.:-**

**M1:** To provide strong theoretical knowledge of computer science with practical training which meets the industries expectation.

**M2:** Convey the necessary skills to continue higher studies and to grow professionally.

**M3:** Making conscious towards stock holders, human value, ethic and society.

**PSO 1.** Students should be able to analyze the problem and produce the mathematical model which will be efficient and economical.

**PSO 2.** Students should be able to use new technologies and tools for carrying multi disciplinary projects and reduce human efforts.

**PEO 1.** Students will demonstrate their professional skills and leadership roles in multi-disciplinary team.

**PEO 2.** Students will be able to effectively communicate, understand the problem of industries, society, environment and endeavor to find the solution with high ethical responsibilities.

**PEO 3.** Students will be able to engage in life-long learning, pursue higher studies and competitive in their profession.