

## SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY

## **Department of Artificial Intelligence and Data Science**

SICET/AI&DS/2022-2023/VMP/Rev-00

(2022-2023) | 1

### **Department Vision (DV):**

To produce competent professionals recognized for excellence, innovation and societal relevance by impacting their knowledge of Artificial Intelligence and Data Science.

#### **Department Mission (DM):**

- **DM 1:** To produce industry-ready professionals and leverage Artificial Intelligence and Data science innovative models for automation, effective decision-making, and competitive advantage.
- **DM 2:** To develop state-the-art of academic and infrastructural services with modern learning resources to produce self-sustainable professionals.
- **DM 3:** To inculcate the prominence of higher studies, research and entrepreneurship to pursue global standards.

# **Program Educational Objectives (PEO's):**

- **PEO I:** Comply with the contemporary trends and best practices of industry and research standards of Artificial Intelligence and Data Science
- **PEO II:** Develop Artificial Intelligence and Data Science based solutions to address diverse needs of the community for improving the quality of life and environment.
- **PEO III**: To produce creative and technically strong engineers with research pioneering solutions to meet global challenges
- **PEO IV:** Inculcate values of professional ethics, social concerns, environment protection and life-long learning.

### **Program Specific Objectives (PSO's):**

- **PSO 1:** Adapt, contribute and innovate new technologies in the key domains of Artificial Intelligence & Data Science during higher studies / product development
- **PSO 2:** To equip students with interdisciplinary skill sets to be able to build intelligent systems which in turn provides dynamic and promising careers in the global marketplace.
- **PSO 3:** Utilize Artificial Intelligence and Data Science tools to provide innovative business solutions.