AICTE-IDEA Lab

The **AICTE-IDEA Lab** scheme, introduced by the **All India Council for Technical Education (AICTE)**, is designed to establish **Idea Development, Evaluation & Application (IDEA) Labs** in **AICTE-approved institutions**. The goal is to foster **STEM (Science, Technology, Engineering, and Mathematics)** education through hands-on learning,

encouraging creativity, problem-solving, and product visualization among engineering students. The IDEA Lab aligns with the **National Educational Policy (NEP) 2020**, promoting **critical thinking**, **design thinking**, **collaboration**, and **lifelong learning**.

Purpose of IDEA Lab

1. **Hands-On Learning:**

   - Offers an all-in-one facility for converting ideas into prototypes.
   - Encourages **creative thinking**, **problem-solving**, and **collaborative work**.

2. **Transforming Engineering Education:**

   - Exposes students to **21st-century skills**.
   - Provides faculty and students with resources to explore **innovative projects**.

3. **Institutional Collaboration:**

   - Supports partnerships with **industry** and participation in **national/international events**.
   - Provides exposure to **IDEA Labs** across the country, fostering **cross-institutional collaboration**.

EGSPEC AICTE IDEA LAB INCHARGES:

MENTOR: Dr.S.RAMABALAN, PRINCIPAL

CO-ORDINATOR: Dr.S.RAMABALAN, PRINCIPAL & PROFESSOR/MECH

CO-COORDINATOR: Dr.M.CHINNADURAI, PROFESSOR/CSE