



## Faculty of Engineering

### Learning Outcome

#### 1. Academic Proficiency and Practical Application:

- Equip students with a robust foundation in engineering disciplines, enabling them to apply theoretical knowledge effectively to solve real-world problems.
- Foster critical thinking and analytical skills for innovative engineering solutions.

#### 2. Interdisciplinary Collaboration and Community Engagement:

- Develop collaboration skills for interdisciplinary teamwork and community-centered projects that promote sustainable development.

#### 3. Sustainability and Environmental Responsibility:

- Foster sustainable engineering practices and environmental awareness to address contemporary global and local challenges

#### 4. Professional Ethics and Accountability:

- Instill ethical principles and professional responsibility in decision-making, ensuring integrity and respect for societal values.

#### 5. Innovation and Problem-Solving:

- Develop the ability to design, innovate, and implement engineering solutions while promoting entrepreneurial thinking and practical problem-solving skills.

#### 6. Technological Proficiency and Digital Literacy:

- Equip students with advanced technological tools and adaptability to emerging trends in engineering fields.

#### 7. Health, Safety, and Well-being:

- Emphasize the importance of safety standards, risk management, and the well-being of communities in engineering projects.

#### 8. Research and Lifelong Learning:

- Encourage research, innovation, and continuous professional growth to adapt to evolving engineering challenges.

**9. Leadership and Communication Skill:**

- Build leadership abilities and communication skills for effective team management and project execution.