

# **SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

### **R & D LABORATORY**

#### **Aim**

Research and Development Laboratory of the department of ECE is established to endorse, Synchronize and Implement Research and Development Programs and also to create upright infrastructural facilities and conducive environment to inculcate research culture.

#### **Objectives**

To boost up the research ability of the institute by encouraging the staff members to publish their research paper in reputed conferences and referred journals.

To nurture research skills among the faculty and students.

To be in touch with the industrial needs that results in new or improved products, processes, systems or services that can increase the company's productivity and also for benefit for the common people.

To nurture creativity towards research among students and faculty.

To Find the budgetary obligations and assets for funding the research.

#### **Benefits**

- To achieve excellence in R&D, Technology Innovation and Business start-ups.
- To promotes interdisciplinary culture, ethical conduct of research and compliance among students and teaching community.
- To create foster knowledge and technology transfer by engaging with government agencies, research institutions and industries.
- To produce exceptional scientific results, manage projects and grants, thus enabling an environment by addressing global challenges and encouraging economic progress in the region for the society.

#### **Outcomes**

- Enhanced Quality of UG and PG Projects
- More number of research proposals, Publications and Patents
- Awareness in students about Recent Advances and developments in Technology

- Student participation in National Level Innovation activities like BAJA, SUPRA, ROBOCON, ISIE Bhopal etc.
- Interaction with Industries and research Institutes
- Improve the placement of students.

**Various Services & Supports:**

**PUBLICATION DETAILS**

S. No	Academic Year	No. of Journals	No. of Books/Book Chapters	Total Publications
1	2021-2022	56	1	57
2	2020-2021	43	1	44
3	2019-2020	40	3	43

**PATENT DETAILS**

S. No	Academic Year	Patents			Total Patents
		Filed	Published	Granted	
1	2021-2022	1	7	1	9
2	2020-2021	-	8	1	9
3	2019-2020	1	2	0	3

**Photos**

