



**RAJALAKSHMI  
ENGINEERING COLLEGE**  
An AUTONOMOUS Institution  
Affiliated to ANNA UNIVERSITY, Chennai



### **3.3.1 Innovation Ecosystem**

**Institution has created an eco system for innovations, creation, transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, and Incubation etc.**

#### **CENTRES OF EXCELLENCE**

The Rajalakshmi Engineering College has established 15 Centres of Excellence to promote research projects, Incubation and Innovation. They are High Speed Jet Flows, Bio Films, Digital Manufacturing, Computational Fluid Dynamics, MEMS and Micro Fluidics, Assistive Technologies, Data Science, Internet of Things, Machine Vision, Electric Vehicle, Embedded Technology, Renewable Energy Sources, Food Products and Process Design, Sustainable Construction Materials, Medical Imaging.

#### **ENTREPRENEUR DEVELOPMENT CELL (EDC)**

Entrepreneurship Development Cell at Rajalakshmi Engineering College believes that entrepreneurship is not just about starting companies, but a pathway towards India's socio-economic development. Our vision is to make students and faculty 'entrepreneurial' in every work that they do. We hope to enable them to solve global challenges, as we see students as the greatest capital and intend to nurture them and provide them with opportunities for excellence. Rajalakshmi Engineering College is not only the Institute pioneering with blossoming innovations, but also the swarm of ventures and the impact it has created and it will be creating the innovation and entrepreneurship ecosystem as a whole.

#### **INSTITUTION'S INNOVATION COUNCIL (IIC)**

The Institution's Innovation Council has been constituted as prescribed by MHRD-IIC initiative. The activities of the council are carried out on a programmed schedule to promote innovative thinking among the students. IIC activities are managed through two cells within the institution to handle and promote innovative thinking namely Innovative Project Cell (IPC) and Intellectual Property Rights (IPR) Cell.



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## INNOVATIVE PROJECT CELL(IPC)

The IPC conducts idea contests regularly to showcase and recognize innovative ideas. The main functions of IPC are nurturing and promoting innovative thinking among students, providing a healthy competitive environment to develop innovative solutions, providing financial support for building prototypes and encouraging IP protection and entrepreneurship for deserving solutions.

## INTELLECTUAL PROPERTY RIGHTS CELL

### Vision

To be a Centre of excellence in providing an ambience to transform innovative thinking into product ideas that lead to start-ups and entrepreneurship ventures.

### Mission

To identify and protect intellectual properties created by faculty and students of the institution that have value in providing innovative solutions as well as support entrepreneurship and start-ups to build useful products.

## INCUBATION

A team of faculty members were selected to undergo pre-incubation training at Healthcare Technology Innovation Centre (HTIC) at IIT Madras in April 2021. They have successfully launched a start-up called "Armor Shield Healthcare Innovations" on 12th April 2021. They have successfully launched their anti-viral N-95 and cotton masks. The start-up Armor Shield Healthcare Innovations is now incubated at the Bio-NEST existing at SRI PADMAVATI MAHILA VISVAVIDYALAYAM (SPMVV) (WOMEN'S UNIVERSITY) Tirupati, Andhra Pradesh.

Through the pre-incubation training programme held from 11th October 2021 to 4th January 2022, organized by the Healthcare Technology Innovation Centre (HTIC) located at IIT Madras Research Park, the proposed work "Built-in Vision Correction Module for Digital Displays" from Dr.D.Indumathy/ECE department has been selected for incubation on 14.03.2022. The incubation start-up will virtually be incubated at the Sri Ramachandra Innovation Incubation Centre, SRIHER, Chennai.

*S. V. Hempran*

**PRINCIPAL**



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