

Memorandum of Understanding (MoUs):

Sl. No.	Year of Initiation	Institution / Department	Coordinating Departments	Name of the Organisation	Details	Duration
1	2010	Institutional	ME, IEM, EEE, EIE, ECE	Bosch Rexroth	Established Centre for Competency in Automation Technologies, Training, Research & Consultancy	Lifetime
2	2014	Institutional	ME, ISE, ECE, EEE, CSE, IEM	TE Connectivity India Pvt. Ltd.	Research & Consultancy Activities	Lifetime
3	2014	Institutional	ME & IEM	NDRF, New Delhi	Research Collaboration (to develop underwater vehicles, micro air vehicles, marine vehicles, etc)	Lifetime
4	2016	Institutional	ME, IEM	MTAB Technology Centre, Chennai	Academic Development; Projects, Internships, Research & Consultancy	Lifetime
5	2021	Department	IEM	Secure Meters Ltd., Udaipur, Rajasthan	Establish Centre for Supply Chain Management & Logistics Research	Executed on 1st Sep, 2021 Val: 5 yrs.
6	2021	Department	IEM	FANUC India Pvt. Ltd.	Certified Training Programme	Executed on 16th Sept, 2021 Val: 31st March, 2023
7	2022	Institutional	RVCE	ToolKart Precision Tools Pvt. Ltd. Bengaluru	Research & Consultancy	Executed on 22nd June, 2022 Val: 2 yrs.
8	2023	Department	IEM	IW3DP for Women	Collaboration to Train Women in 3D Printing	Val: 3 Years
9	2024	Department	IEM	Swasth Consulting	Collaboration in Lean Manufacturing Activities	4th Jan, 2024 Val: 12 months

SH

Patents Filed / Received:

Patent Application #	Status	Patent # / Publication #	Inventors	Invention Title	Date of Filing	Date of Publication / Grant
----------------------	--------	--------------------------	-----------	-----------------	----------------	-----------------------------

2020410 19902	Granted	559558	Dr. Shireesha G, Prof. Sudha R Karbari Dr. Uttara Kumari M Dr. Subramanya K N	A Multi-Layered Mask with Hydrophobic Nanofibers as a Functional Layer with a Smart Valve for Protection against the Aerosol Transmission of COVID-19	11/05/20 20	04/02/202 5
444771- 001	Applied		Dr. Bharatish A, Muhammad Anas, Dr. Vijaya Kumar M N, Vineeth Rao	Laser Marking Machine	20/01/20 25	
2016410 12936	Granted	501049	Dr. K.N. Subramanya, Dr. R.S. Kulkarni, U. Rashmi, D S Suhas, K S Vinay, S.Ravi Kiran	Solar Biogas Hybrid Refrigeration System	13/04/20 16	19/01/202 4
392159- 001	Granted	392159-0 01	Lakshmikant S, Gowreesh Subramanya S Sreenivasalu Reddy N, Vijaya Kumar M N Channaveerayya, Kailash	Flat Plate Solar Collector with Wavy Shaped Riser Tubes	08/08/20 23	12/01/202 4
2023410 40377	Published	27/2023- 48404	Nagashree N Rao, Ashwani Sharma, Ravindra S Kulkarni, M Rajeswar, A V Narayan, K N Subramanya	A Preparation Method of Fruit and Vegetable Enriched Instant Corn Curd Spread Powder	13/06/20 23	07/07/202 3
2023410 24905	Published	24/2023- 42837	Anupama Venkatesh Joshi, Raghav Khandelwal	Synthesis of Copper Nanoparticles from Copper Recovered from E-Waste	31/03/20 23	16/06/202 3