

Report on
INDUSTRY INSTITUTE INTERACTION CELL (IIIC)
2019-20
MARIAN ENGINEERING COLLEGE
KAZHAKUTTAM, TRIVANDRUM

INDUSTRY INSTITUTE INTERACTIVE CELL (IIIC)

An ongoing interaction between the Industry and Institute is an essential one. To strengthen the relationship between industry and our institute, the Industry-Institution Interaction Cell was established which provides an excellent platform for both the students as well as the faculty members to be aware of industry expectations from the graduates. IIIC serves as a podium to showcase the best practices, latest technologies in industry stand point and their implementation.

Also, IIIC promotes industry experts to continuously partake in curriculum design and career development programs which play a significant role in honing the skill set of the students inclined towards the expectation of the industry. Towards up scaling the academia in the Global knowledge index, ample industrial exposure is provided to the faculty members to enhance the Teaching Learning Process and enable the Institution to produce quality students in turn.

OBJECTIVES OF INDUSTRY INSTITUTE INTERACTIVE CELL (IIIC)

- To cultivate symbiotic relationship between college and industry as well as college and other research institutes.
- To help industries to solve their problems through research, training and consultancy.
- To provide ample opportunities for industry exposure to students and faculty through industry visits, summer internship and industry projects
- To Establish Convergence With Industrial And Research Organizations From Various Fields Through MOUs As A Form Of Interaction.
- Participation of experts from industry in curriculum development.
- Arranging visits of staff members to various industry

MEMBERS OF THE INDUSTRY INSTITUTE INTERACTION CELL

Sl. No	Name	Designation	Department
1	Dr. M. Manoj	Nodal Officer	
2	Arun Alex	Placement Officer	
3	Sonia S Raj	Convener	ME
4	Resmi D S	Member	CE
5	Vinitha B Elasa	Member	ECE
6	Dhanya Mathew	member	ECE
7	Deepu R S	Member	EEE
8	Geena S	Member	EEE

Activities Under IIIC

- Marian IEDC organized an orientation session for new office bearers of IEDC on 13th of July 2019.
- A series of sessions were organized by IIIC through IEDC for ensuring that students are in the ecosystem of entrepreneurship and innovation. The session was conducted on 8th August 2019. Mr. Rajesh Reghu, NEST, handled the session. The session addressed the topic “Idea to Product” and focused on points to be kept in mind while designing a scalable product. 80 students addressed the session.
- The program was conducted by the support of IPR cell of college. Nodal officer handled the session on 29th August 2019.
- Besnson Gipson and Harikrishnan, the founders of TRYASRA TECH SOLUTIONS, the start up company in Marian Business Incubator. The event was conducted on 16th September 2019.
- The session dealt with various funding schemes available to students from Govt. sector. The event was conducted on 30th September 2019.

Technical Workshops organized for students/ Faculty

SI No	Title	Date of Conduct	Resource Person/Company	No: of students/Faculty participated
1	Workshop on Adrino	23 rd August 2019	Mechatronics Club	50

1	Design Thinking Workshop	12 & 13 th September 2018	Sony Bronze, Resource from ICT Academy of Kerala	50
3	Machine Learning	10 th October 2019	Dr. Ramprasad , Founder, Visionics	30
4	Workshop on 3 D Printing	10 th November 2019	Tryasra Tech Solutions.	50
5	Mind to Market-Effective Tools	23 rd November 2019	K. Ramamoorthy, CTO, DERBI	40
6	App Development Fundamentals	10/01/2020	Drona Dynamics	35
7	Workshop on Effective Idea Pitching	03/02/2020	Team IEDC	40

MoU with Industry

Marian IEDC is entering into official MoU with Kerala Agro Machinery Corporation Ltd (KAMCO) for developing, prototyping, manufacturing and marketing agro based student innovations. Two products “Jackfruit Bulb Separating Machine” and “Automatic Coconut Tree Climber” will be launched in a Co- Branding model (By Marian Engineering College & KAMCO)

PATENTS FILED

SI No	Name of Student	Title	Patent Application No:
1	Robin Philip & Team	Jackfruit Bulb Separation Machine	201941013024
2	Akash. R. Nair	Walker for Uneven Plane	201941029497

START UP COMPANIES REGISTERED THROUGH IEDC

SI No	Company Name	CEO	Product/ Service
1	Drona Dynamics	Rahul(S8 ME)	Customized Lathe and CNC machine

Sonia S Raj

Convener,IIIC