Report on

INDUSTRY INSTITUTE INTERACTION CELL (IIIC)

2018-19

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

- For encouraging innovations among students, Marian Engineering College conducted Marian Technology Innovation Contest MTIC every year. This year's MTIC was coordinated by IEDC on 26th & 27th of June 2018. Five projects submitted from each department were shortlisted and evaluation was done by external experts.
- Organized FDP on block chain technology on 10th July 2018. 20 faculty from various departments participated in the program.
- Marian IEDC organized an orientation session for new office bearers of IEDC on 26th & 27th of July 2018. The event was organized in association with ICT Academy of Kerala. 30 participants attended the program.
- Entire faculty (both technical & non technical) was given an orientation session on how to support the students to develop in entrepreneurial culture in the college. Dr. Thomas George, Director, Leads College of Management handled the session which was organized on 23rd July 2018.
- Organized Young Innovators Program on 29th September 2018. 56 shortlisted students across the state participated in the event. Prof. Sherin Sam Jose, IEDC Nodal Officer, Amal Jyothi College of Engineering handled the session.
- Six of our girls students were nominated to attend Sheroes Summit 2018 at UST Global Trivandrum Campus held on December 2018
- A company presentation by H&R block HR Team on the company, projects being done and talent related expectations was delivered by H&R Block Team. H&R Block is a NASDAQ listed company having office in Technopark.

Technical Workshops organized for students/ Faculty

Sl No	Title	Date of Conduct	Resource Person/Company	No: of students/Faculty participated
1	Design Thinking Workshop	10th & 11th October 2018	Sony Bronze, Resource from ICT Academy of Kerala	50
2	Adrino Workshop	6th October 2018	Mr. Maneesh, Mechatronics Club	30
3	PCB Design Workshop	10th November 2018		30
4	Workshop on Website Designing	10th November 2018	Mr. Reji, ICT Academy.	50
5	Workshop on Machine Vision Using Deep Learning	8/3/19 – 12/3/19	Dr. K. Ram Prasad(Former Faculty, Royal Dublin University, Irelend	30
6	Software Development Using Agile Technology	14/3/19 – 15/3/19	Mr. Riji, ICT Academy	35
7	Workshop on Effective Idea Pitching	9/4/19 to 10/4/19	ICT Academy	40
8	Workshop on 5 D Drawing	1/5/19	CADD Center	75

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

Sl 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