

**MARIAN ENGINEERING COLLEGE**  
**KAZHAKUTTAM, TRIVANDRUM**

**Report on**  
**INDUSTRY INSTITUTE INTERACTION CELL (IIC)**  
**2017-18**

## **INDUSTRY INSTITUTE INTERACTIVE CELL (IIC)**

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. IIC serves as a podium to showcase the best practices, latest technologies in industry stand point and their implementation.

Also, IIC 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 (IIC)**

- 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**

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>
1	Dr. M. Manoj	Nodal Officer	
2	Arun Alex	Placement Officer	
3	Hareesh R	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 IIC**

- With a view of invoking the support from the Faculty Community for developing an Ecosystem which promotes students for innovation and entrepreneurship activity, a Faculty Development Programme on “Significance of Research and development” was organized for entire faculty community of Marian Engineering College on 19<sup>th</sup> & 20<sup>th</sup> July 2017
- For generating awareness and to support them in writing proposals, IEDC organized a one day workshop on Science Popularization Schemes of Kerala State Council for Science Technology and Environment (KSCSTE) on 3<sup>rd</sup> August 2017
- A one day workshop on Waste management & Zero Energy – Zero Discharge Buildings was conducted for Civil Engineering Department of Marian Engineering College on 10<sup>th</sup> January 2018
- The Two day workshop on “Design Thinking” was organized by Kerala Start Up Mission at Marian Engineering College, Trivandrum on 20<sup>th</sup> & 21<sup>st</sup> February 2018.
- Education & Entrepreneurship (EDEN) – 2k 18 was conducted from 25<sup>th</sup> to 28<sup>th</sup> January 2018. It was a four day residential workshop for students across the state. 380 students participated in the event.
- Success and failure stories of entrepreneurs are attracting interest of budding entrepreneurs. Events on “Meet the Entrepreneurs” were organized under IEDC.
- Various technical workshops like “Blender software”, ”Workshop on Rivet”, ”Raspberry Pi”, ”Machine vision”, ”Ionic Workshop” were conducted for students under CGPU and IEDC .

#### **PATENTS FILED**

<b>SI No</b>	<b>Name of Student</b>	<b>Title</b>	<b>Patent Application No:</b>
1	Shibi Krishna(S8 ME)	Fully Automated Rubber Tapping Drone	201741037689
2	Brijesh. B. R (S8 EEE)	Automatic Tea Leaf Plucking Machine	201741037699

#### **START UP COMPANIES REGISTERED**

<b>Sl. No</b>	<b>Company Name</b>	<b>CEO</b>	<b>Product/ Service</b>
1	Artil Solutions	Harikrishnan (S6 CSE)	Service
2	Werelion Technologies	Navneeth Gopakumar	Product
3	TAADZ ELECTROTECZ	Akhil (S8 EEE)	Product/ Service
4	V4U	Akhil. V(S8 EEE)	Service