

### 3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Aalim Muhammed Salegh College of Engineering has formed an Ecosystem for Innovation Including Incubation Centre (EIIC) and Projects, Technical Talk, Research related activities for making and transfer of technical knowledge. Faculty members are authorized to take up research activities with existing facilities.

The Institution has a Research & Development (R&D) Cell to monitor and address the issues of research by the Principal Dr.M.Afzal Ali Baig and Associate Professor Dr.S.Sathish, Director R&D, HOD'S of Civil, Mechanical, EEE, ECE, CSE, IT and MCA. The assigned departments R&D Coordinators are as follows:

#### LIST OF DEPARTMENT COORDINATORS

| S.No. | Name of the department Coordinator  | Name of the Department                    |
|-------|---|---|
| 1     | Er.M.F.Nazeer Ahamed, Assistant Professor<br>Er.D.Zunaithur Rahman, Assistant Professor       | Civil Engineering                         |
| 2     | Er.S.Ramkumar, Assistant Professor<br>Er.Ayaz Ahmed, Assistant Professor                      | Mechanical Engineering                    |
| 3     | Er.S.F.Syed Vasiyullah, Assistant Professor<br>Er.J.Mohammed Ilyas, Assistant Professor       | Electrical and Electronics Engineering    |
| 4     | Dr.M.T.M.Kader Sahib Maricar, Assistant Professor<br>Er.B. Nadheer Ahmed, Assistant Professor | Electronics and Communication Engineering |
| 5     | Er.M.Ahsan Shariff, Assistant Professor<br>Er.N.Aarthy, Assistant Professor                   | Computer Science Engineering              |
| 6     | Er.R.Lavanya, Assistant Professor   | Information Technology                    |
| 7     | Mr.T.Karthik, Assistant Professor   | Master of Computer Application            |

### **Research & Development (R&D) Cell is performing the following activities**

- Motivating the importance of research amongst faculty members and students.
- Motivating the research collaborations with industries.
- Motivating the faculty members and students for higher education.
- Organizing the online webinars, workshops, seminars, invited lectures and conference
- Encouraging the faculty members for doctoral programme.
- Encouraging the faculty member to enhance the paper publications.

### **The roles and responsibilities**

- To support the faculty members to conduct various technical events such as workshops, training programs, seminars, conference and symposia.
- To prepare annual research activity plan for all the departments.
- Take up appropriate problems of the industry for finding solutions through R&D projects assigned to faculty and students.
- To initiate and promote MoU with industries and R&D organizations for consultancy, collaborative research, sponsored projects, industry institute interactions etc.
- To arrange brainstorming sessions through talks by eminent personalities from Industry R&D organizations and institutions of repute for the better understanding of research methodology and practices currently followed.
- To keep everyone informed about announcements by various funding agencies like DST, DRDO, ISRO, CSIR, AICTE etc..
- To motivate students for presenting papers in National and International conference
- To Motivate and encourage students' participation in competitions and exhibitions conducted by Anna University, NIT'S, IIT'S and IET, SAE, PALs, HACKATHON.
- To conduct soft skill development program for the final year students to improve their communication skills.

### **The roles and responsibilities of Entrepreneurial Development Cell (EDC)**

ENTREPRENEURIAL DEVELOPMENT CELL (EDC) was established on its own initiative on 15<sup>th</sup> February 2012. ED Cell have been actively conducting program in entrepreneurship with concredited initiatives to promote entrepreneurship among the students.

#### **Objective:**

To prompt entrepreneurship among the youth and to nurture a passion for self-employment this turns the job-seekers into job creators.

#### **LIST OF ED CELL MEMBERS**

| <b>S.No.</b> | <b>Name of the Member and Designation</b>            | <b>Role</b>  |
|--------------|--|--|
| 1            | Janab. S. Segu Jamaludeen, Secretary & Correspondent | Patron   |
| 2            | Prof. Dr. M.Afzal Ali Baig, Principal                | Advisor  |
| 3            | Asst. Prof. K.Khaja Mohideen, Head/MCA               | Convener   |
| 4            | Asst. Prof. Abdul Rahman, A.P / Mech.                | Coordinator  |
| 5            | Er. M.Abdul Jabbar, Assistant Professor              | Civil Engineering - Member                         |
| 6            | Er. Abdul Rahman, Assistant Professor                | Mechanical Engineering- Member                     |
| 7            | Er. Rameez Raja, Assistant Professor                 | Electrical and Electronics Engineering- Member     |
| 8            | Er. Syed Mustafa, Assistant Professor                | Electronics and Communication Engineering - Member |
| 9            | Er.S. Bakiyalakshmi, Assistant Professor             | Computer Science Engineering -Member               |
| 10           | Er.S.Revathi, Assistant Professor                    | Information Technology - Member                    |
| 12           | Mr.M.Bibin John, Assistant Professor                 | Master of Computer Application - Member            |

**The broad objectives of the ED Cell would include:**

- To create awareness on entrepreneurship among students,
- To inculcate entrepreneurial spirit and culture among the Science and Engineering graduates and post graduates.
- To conduct programs in entrepreneurship enabling skills.
- To identify and motivate budding entrepreneurs.
- To create a database on industrial information to facilitate entrepreneurs by providing information on entrepreneurial opportunities.
- To assist entrepreneurs in sourcing finance, identifying market, preparation of business plan and product development.
- To guide the prospective entrepreneurs in knowledge based ventures.
- To help entrepreneurs to acquire necessary skills to run the industry effectively.
- To bridge the gap between Industries and Institutions by carrying out the research activities for the industries.
- To conduct skill industrial development training program with updated technologies.
- To provide need-based consultancy services of industries.