

K.V.G.COLLEGE OF ENGINEERING, SULLIA, D.K.

ENTREPRENEURSHIP DEVELOPMENT CELL (E.D.C.)

The Entrepreneurship Development Cell of the college was established in the year 2012 with aim to meet various objectives by conducting different activities throughout the academic year. The cell was inaugurated by Dr. C.G. Patil, Director, Master Control Facility (MCF), ISRO, Hassan on 20.03.2012. Generally the cell has a chief coordinator and branch wise coordinators from different Engineering Departments of the college. Presently **Mr. Vijaya Kumar Kanichar** , Associate Professor, Department of E&C Engg. is the **chief coordinator** of the ED Cell.

The Branchwise / Dept.wise Coordinators are:

- Civil Engg. : Mr. Vishnu Bhat, Asso. Professor, Dept. of Civil Engg.
- Mechanical Engg. : Mr. Prashanth T.M., Asso. Professor, Dept. of Mechanical Engg.
- E & C Engg. : Mr. Rama Murali Krishna P.G. Asst. Professor, Dept. of E&C Engg.
- CS& Engg. : Mr. Prathap S. Asst. Professor, Dept. of CS Engg.
- : Ms. Yashaswini K.L. Asst. Professor, Dept. of CS Engg.

The variety of programs that are conducted under the ED Cell to meet various objectives are

- Technical Orientation Program (TOP) for students
- Student Entrepreneur – Start up Venture Scheme Program (SE-SVSP)
- Entrepreneurship Awareness Program for students (EAP)
- Faculty Development Program on Entrepreneurship (FDPE)

OBJECTIVES OF ENTREPRENEURSHIP DEVELOPMENT CELL

- 1) To link the academic subjects/activities towards the industrial requirements.
- 2) To make the students to get familiarized with basic components, parts, tools, instruments/ equipments used in the applications of different fields of Engineering and Technology.
- 3) To organize industrial visits for the students.
- 4) From the perspective of self employment; encouraging the students to start their own firms/small scale industries/consultancy centers in the area of servicing / repairing / design & planning/civil constructions /manufacturing of spare modules / spare parts / construction materials and their supply to any large scale manufacturing / construction/ fabrication/ roduction industries.

- 5) To impart technical training program for improving the hard skills of the students from the perspective of on campus and off campus interviews for job placements.
- 6) To assist II and III year B.E. students' mini projects, final year B.E. students' projects, improving and modifying the past years' projects by introducing additional features, application oriented advantages and improved efficiency.
- 7) To impart training for trouble shooting / repairing / servicing of home appliances, office automation and lab equipments / instruments.
- 8) To organize seminars / presentations by inviting resource persons to deliver technical talks and to provide information to the students about the formalities / steps to be followed to get loans from banks, subsidies available from the government, land conversion process, building plan and layout, demand of products / services, marketing/sales and knowledge of various Indian acts pertaining to industry establishment.
- 9) Imparting training with demonstration of real world gadgets that can be linked to the academic lab subjects of any engineering stream.
- 10) Creating innovative ideas and their design realization and development which are helpful for agricultural area, electricity problem facing rural area, garbage disposal challenges in urban area etc.
- 11) To impart hands on training on structured programming languages/object oriented programming languages / Architecture, Interfacing, Assembly language programming of specific Microprocessor / Microcontroller, Digital signal processor.
- 12) Linking and applying the basic science subjects such as Physics, Chemistry and Mathematics to core engineering and technology subjects.

13) Imparting basic information/ knowledge that are related to Science, Engineering & Technology to the visiting students to KVGCE from local primary school / High school / PUC etc. under the science & technical awareness program of state or central government.

14) Enhancement of the technical knowledge theoretically & practically of the faculty members & technical supporting staff members so that academic subjects being taught or instructed can be applied to the real world of Engineering and technology.

15) Quality inspection & certification of the projects (Electrical, Electronics, Communication, Civil etc.) undertaken by the Govt., Semi Govt. and Local Govt.

Activities conducted under the entrepreneurship development cell for the academic year 2019-20:

1) **05.08.2019** : Technical training relevant to miniprojects to the 3rd semester E&C students
No. of students participated : 13

2) **06.08.2019** : Technical training relevant to miniprojects to the 3rd semester E&C students
No. of students participated : 09

3) **09.08.2019** : Technical training relevant to miniprojects to the 3rd semester E&C students
No. of students participated : 08

4) **13.02.2020** : Technical orientation program for 6th semester Electrical & Electronic Engineering students
No. of students participated : 11

5) **15.02.2020** : Technical orientation program for 6th semester Electrical & Electronic Engineering students : 12

6) Students of 3rd semester E&C have carried out special mini projects under the supervision & technical support of EDC . Following are the **five electronic product** out comes

- i) Automatic water level indicator
- ii) Wireless AC Mains Line Tester
- iii) Automatic light ON/OFF during dusk/dawn
- iv) Mini Audio Amplifier for Mobile Phone Hand Set
- v) Automatic Emergency Lighting Unit with Battery Chager

TODAY`S SKILLED ENGINEERING GRADUATES;TOMORROW`S SUCCESSFUL ENTREPRENEURS

A STEP TOWARDS NATION BUILDING