

CANARA ENGINEERING COLLEGE

INDUSTRY INSTITUTE PARTNERSHIP CELL

Vision: To create highly conducive environment to deliver employable engineers or entrepreneurs to the global society

Mission: To be a platform for Consultation and collaboration with industries and the institute to promote research & entrepreneurial culture.

Our Partners:

1. Infosys – through Campus Connect Program
2. Robosoft Technologies, Udupi
3. Kanara small Industries Association, Mangalore
4. EVOBI Automation Pvt. Ltd. Bangalore

Our Advisors:

1. Mr. Nagesh Pattanashetty, Deputy Director, DIC (Govt of Karnataka)
2. Mr. K. Socrates, Deputy Director, MSME (Govt of India)
3. Mr. B.A. Nazeer (President) & Mr. K. Jayaraj Pai (Former President), from KSIA
4. Mr. H. Rajaram Alva, Former President, CII
5. Mr. Hiranmay Mahanta, MD, Techpedia.in
6. P. Suresh Bhat, Director, NITK-STEP.
7. Prof. K Jayavanth Kamath (MIT, Manipal)

The objectives of the IIPC as defined by AICTE are:

The objective of the IIP Cell is to reduce the gap between industry expectations (practice) and academic offerings (theory) by direct involvement of industry to attain a symbiosis.

Following are the objectives defined for CEC-IIPC:

- To develop technical and managerial competency of students to cater to industry needs
- To promote participation of industry personnel in the design and development of co curricular activities.
- To provide technical consultancy and training to small scale & rural industries.
- To involve in joint Research & Development projects with the industries.

Achievements:

1. Industry Institute Partnership Cell, CEC has received a grant of 5.14 Lakhs from AICTE, New Delhi on 25/05/2011.
2. Mr. Hiranmay Mahanta, MD of Techpedia appreciated the industry institute interaction model adapted by IIPC - CEC in addressing the community problems at Second International Conference on Creativity and Innovation at Grassroots (ICCI) Conference organized at IIM, Ahmedabad. CEC Students had undertaken four agricultural projects to address issues of farmers, after attending an interactive session organized by IIPC - CEC in association with Mr. Manchi Srinivas Achar, (President, All India Areca Nut Growers Association). Link for the video is :
<http://www.youtube.com/watch?v=WR40hMpyTYU>
3. **Robotics Centre of Excellence:** MOU has been signed with EVOBI Automations Pvt Ltd, Bangalore to support R & D initiatives in the area of Robotics at CEC. With the help of Management, Robotics Centre of Excellence has been set up to encourage student innovations.



4. **Gavel Club:** Gavel Club, affiliate of Toastmasters International, USA has been chartered at college. The club has 25 members and holds weekly meetings to develop speaking and leadership qualities among students. Mrs. Padmavathi Shenoy, SWO is the staff advisor for the club.



Activities of IIPC from March 2013 - Feb 2014:

More than 500 students are trained on areas of Adobe Illustrator, Ethical Hacking & Cyber Security , Android Development, Bio Medical Signal Processing, Industrial Automation and Robotics. Out of this, 24 students are selected for internships at the companies at Mysore, Bangalore and Coimbatore based on their best performance during training.

1. IIP Cell organized Project Exhibition - **Aavishkaar** witnessing the participation of 12 teams from different colleges. Mr. Kiran Pai & team 2nd year Mech and Mr. Sarvesh Shenoy & Team from 3rd year EC bagged 1st & 2nd place respectively. Winners will participate in National Level Robotics Project Exhibition through wild card entry and get an internship opportunity at E-health Technology Business Incubator, Bangalore.



2. IIP Cell organized workshop on **“Advanced Industrial Automations”** in association with Electrical & Electronics Engineering Department, CEC Mr. Himanshu Kumar, Director and Mr. Amith Kumar, CEO Industrial String Automations, Pune, delivered the session from 30th Jan to 2nd Feb 2014, for 3rd year Electrical & Electronics Engineering students.



3. IIP Cell organized **"Robotics Advanced Workshop"** 2nd batch in association with EVOBI Automations, Bangalore from 24th to 27th Jan 2014. Total 50 students from EC, ME, CS and IS department participated in it.



4. IIP Cell organized **"Robotics Basic Workshop"** 7th batch in association with Robotics Club students chapter CEC, on 22nd & 23rd Jan 2014. Total 48 students from 1st year and higher semester participated in it.



5. Eight Students from E&E and IS branch have participated in the **Entrepreneurship Awareness Camp** Conducted by MUTBI, Manipal from 25th to 27th October 2013.

6. IIP Cell in association with Apps2eaze Tech India Pvt Ltd incubated with Manipal University organized "**Android App Development**" workshop for 2nd & 3rd year CS/IS students on 29th Sep, 3rd & 5th Oct,



2013.

7. On occasion of Engineers Day IIP Cell in association with Electronics & Communication Engineering branch, Canara Engineering College, organized one day workshop on **PCB Design** on 15th Sep 2013. Mr. Basthi Bharath Shenoy, from NITK delivered the session. 76 students from EE & EC branches have participated in it.



- IIP Cell organized **“Robotics Basic Workshop”** 6th batch in association with Robotics Club students chapter CEC, on 31st Aug & 1st Sep 2013. Total 50 1st year students participated in it.



- IIP Cell organized workshop on **“Advanced Industrial Automations”** in association with Electrical & Electronics Engineering Department, CEC. Mr. Himanshu Kumar, Director and Mr. Navneet Singh - Industrial String Automations, Pune, delivered the session from 1st to 4th Aug 2013, for final year Electrical & Electronics Engineering students.



10. IIP Cell organized a workshop on “**Mat Lab based workshop on Bio Medical Signal Processing**” on 29th to 31st July, 2013. It was conducted by Mr. Abhinav, Managing Director, Mr. Abhijith Bailur, Sr. Engineer - R&D, Mr. Raunak, Mr. Habib and Mr. Amith Kumar Pandey – all from Cardea Bio Medical Technologies, Delhi. Total 94 students from Electronics & Communication and Electrical & Electronics branches have participated. Mr. Sarvesh Shenoy student from 3rd year E&C won the best student award, in this workshop.



11. IIP Cell organized workshop on “**Adobe Illustrator**” by Mr. Thibaut Delarbre, Head – Business Unit, Ms. Ankitha & Mr. Sai Chaithanya, trainer from Wiredelta Web Development Pvt Ltd, Mysore on 11th & 12th May 2013. 47 students from CS/IS branches have participated.



12. **Robotics Project Exhibition** was organized by IIPC in association with EVOBI Automations on 11th May 2013. Mr. Sarvesh Shenoy & Team from 3rd year EC and Mr. Mahesh Nayak from 1st year EC won first place in Advanced & Basic categories respectively. Winners will participate in National Level Robotics Project Exhibition through wild card entry. Teams have bagged the internship opportunity at companies of E-health Technology Business Incubator, Bangalore.



13. **Computer Basic Networking** workshop was organized by IIP Cell in association with Institute of Technical Training Center (ITTC), Mangalore for 3rd year CS/IS students on 3rd & 4th May 2013. 50 students have benefitted out of it.



14. Twenty Two Students from E&E and IS branch have participated in the **Entrepreneurship Awareness Program** along with Mr. Sadashiv Prabhu, Lecturer, Mechanical Engineering Department. It was conducted by Karnataka Small Industries Association, Mangalore on 26th March 2013 with active coordination of IIP Cell, Canara Engineering College.

