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--“The Future is Robotics & Automation”

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In This Issue

- Department Vision & Mission
- Staff and Student Activities
- Expert Lectures Workshops/ Training Programs
- Alumni Speak
- Industry Institute Interaction
- Placement



Editorial

It gives an immense pleasure to bring this issue of **Departmental Newsletter-INTECH** for showcasing the achievements of faculty and students. It is the prime purpose of the department to empower students by providing knowledge in multi-faceted fields. Education, it is true, is not just the mere acquisition of knowledge, but the complete process of honing skills, building character, enhancing employability and shaping personalities.

Department Vision

To become a distinguished center by focusing on the area of Electronics & Instrumentation Engineering to mould the students to face the current and future challenges in industrial process automation to serve the society and industrial environment.

Department Mission

- M1:** To impart technical knowledge & skills to meet the industry and societal needs
- M2:** To interact with industry and alumni to enhance learning and research in the area of Electronics and Instrumentation
- M3:** To mould the students to a new era of data acquisition and application development in the field of Instrumentation



Presentation of Department Vision and Mission, PEOs and stated the importance of POs, PSOs



Inauguration of Forum activities for the academic year 2019-2020



Students exhibiting their talents during the inauguration of Student Council, BIET on

Program Educational Objectives (PEOs)

- PEO1:** Analyze, design and develop techniques that offer solutions for specific process automation
- PEO2:** Achieve an expertise in embedded system, robotics, data acquisition and application of instrumentation technology
- PEO3:** Succeed in professional career and pursue higher studies in the domains of instrumentation
- PEO4:** Develop knowledge, skill sets and communication to apply for ongoing cutting edge technology

Staff Activities

- Mrs. Deepashri K M, Ms. Sreedevi L K, Mrs. Vanitha R and Mr. Manjunath K G attended One Week Short Term Training Programme through ICT Mode on “Effective Teaching” organized by Department of Information Science Engineering, BIET from 15 to 19 Jul 2019.
- Mrs. Shubha V Patel and Mr. Manjunath K G have attended One Day Workshop on eSim, a First Course in IOT series for Teachers held at BIET on 21 Sept 19.
- Faculty attended a three Day Workshop on “PLC and SCADA” by Prolific Systems and Technologies Pvt Ltd, Bengaluru from 23-25 Oct 2019.
- Mrs. Deepashri K M, Asst.Prof Presented a paper on “Agriculture Crop Management Techniques-A Review” in the CISCON-2019 organized by Dept of ICE, MIT, Manipal on 8 Nov 19.

Student Activities

- Inauguration of Forum activities for the academic year 2019-2020 and Welcome for 3rd semester was organized on 24 Sept 2019.
- Pooja D R of 7th semester has selected “KSCA Inter Zonal Seniors Women’s team-2019” organized by Karnataka State Cricket Association at Chinnaswamy Stadium, Bangalore on 17 Sept 2019.
- Nandish K of 3rd semester has participated in Hobby Project event in “PLASMA-2019” organized by Department of E&CE, Jawaharlal Nehru National College of Engineering, and Shivamoga on 4 and 5 Oct 2019.
- Nandish. K of 3rd semester student has participated in two day hands on workshop on “Cyber Security” held at BIET, Davangere on 14 & 15 Oct 2019.
- Vathsala H M, Chandan Kashyap, Pavan Kumar and Sachin of V semester participated and secured II place in Step-up Entrepreneur organized by Dept. of E&E, BIET, Davangere on 5 Nov 2019.
- Students of III semester attended the Basic First Aid Training in accordance with VMedo’s Basic First Aid Curriculum organized by VMedo at BIET on 9 Nov 2019.



Technical talk on “Introduction to PLCs & SCADA”



Department signed an MoU with Prolific Systems & Technologies Pvt. Ltd. on 24 Sept 2019

Expert Lectures/Workshops/ Training Programs

- Students of 5th semester attended a one day workshop on “Consumer Outreach Program”, organized by Telecom Regulatory Authority of India, Regional Office, Davangere on 8 Aug 2019.
- Students of 3rd and 5th semester attended a technical talk on “Oil and Gas Process Fundamentals-Offshore Process”, organized by dept. of E&E, BIET, Davangere on 10 Aug 2019.
- E&IE forum organized a technical talk on “Introduction to Programmable Logic Controller and SCADA” by Mr. H. S Shivashankar, Branch Manager, Prolific Systems and Technologies Pvt Ltd, Bengaluru on 23 Sept 2019.
- Department signed a MoU with Prolific Systems and Technologies Pvt Ltd, Bengaluru on 24 Sept 2019
- Students of 5th semester attended a personality development program “Industry Readiness Talent Development Program”, organized by Placement Cell in association with Raro Technologies, Bengaluru from 27 Sept to 3 Oct 2019
- Conducted a Three Day Workshop on “PLC and SCADA” ,the Resource persons Mr. H S Shivashankar, Branch Manager, Prolific Systems and Technologies Pvt Ltd, Mr. Gajendra and Mr. Naveen S , Core Research group Bengaluru from 23-25 Oct 2019.
- Students of 7th semester attended a one day workshop on Assistive Health Technology and Role of Engineers organized by dept. of E&CE, BIET on 26 Oct 2019

Alumni Speak



Mr. Raghavendra Narsapur, Alumni (2015-2019 Batch) interacted with students and gave an insight about the preparation for campus placement by enhancing their skill sets.

Industry Institute Interaction

Department has signed MoU with Prolific Systems and Technologies Pvt Ltd, Bengaluru on 24/09/2019. **Prolific Systems and Technologies** provides total Automation solutions through integration of cutting edge, state-of-the art PLCs (Programmable Logic Controllers), controllers, distributed data acquisition and control systems.

Purpose and Activities

- To impart specialized training in Industrial Automation with regard to recent trends and practical application.
- Technological up-gradation, innovation and competitiveness of an industry



As part of initiation with MoU department had organized a three day hands on workshop on “PLCs and SCADA” for pre-final and final year students from 23-25 Oct 2019.

Objectives of the workshop

- To know the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation.
- To understand the new challenges in industrial automation.
- To explore the R&D opportunities with PLC & SCADA in providing solutions to various problems in Automation.

Placement



Mr. Annem Ganga Sumanth
TCS



Ms. Yashodha
Infosys

Gallery



Inauguration of Forum activities for the academic year 2019-2020 and Welcome for 3rd semester students



Teachers day celebration by students on 5 Sept 2019



Three day hands on workshop on "PLC & SCADA" in association with Prolific Systems & Technologies Pvt Ltd and ISTE