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Bapuji Institute of Engineering & Technology, Davangere

Newsletter: Department of Electronics & Instrumentation Engineering

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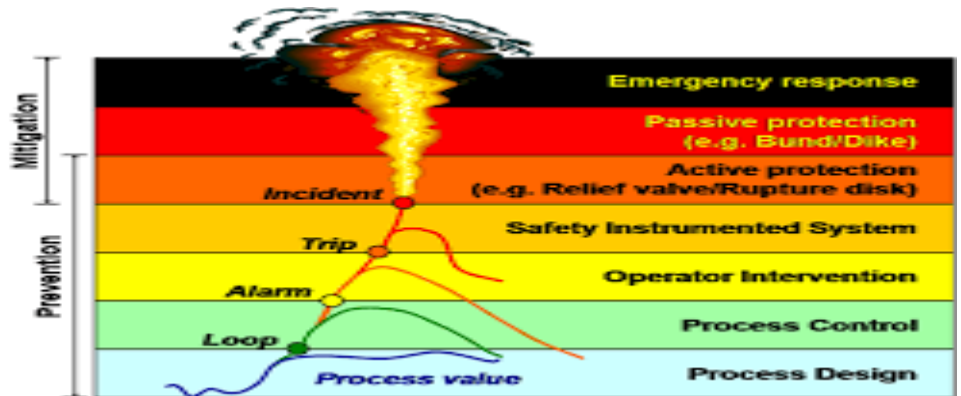
A half yearly Newsletter



Since 1991

INTECH-Connecting the Industry

--“Instrumentation for Industrial Safety”



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Professor & Head, E&IE

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Asst. Professor, E&IE

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8th Sem, E&IE

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Editorial

Safety instrumentation is not exclusively a matter of instrument engineering and control. The successful implementation of a security system depends on the support and knowledge of other disciplines, in addition to relying on a total commitment of the management structures of the company. It requires the environment of a well-defined security management system within the company. Without adequate support structures and a good understanding on the part of everyone involved in the definition of safety requirements, it is unlikely that safety instrumentation alone will provide the levels of safety expected from it.

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



Interaction with resource person during
Three days hands on workshop on
“Embedded IoT & its Applications”

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

- Faculty members participated in online “COVID-19 General Awareness Quiz” organized by Dept. of IS&E, BIET, Davangere on 03 May 2020
- Faculty members attended a Webinar on “Improving Research Planning Skills at Technical Institute!” by Elsevier & VTU Consortium on 28 April 2020 from 11.00am-1.00pm.
- Prof. Ashalatha M E attended IEEE WIE Webinar on “Learning techniques in Artificial Intelligence” on 7-10 May 2020.
- Faculty members attended MHRD Webinar on “Turn the challenges to Opportunities: COVID-19 Pandemics and measures to combat in Higher Education of India” organized by National Assessment and Accreditation Council (NAAC), Bangalore.” on 28 May 2020.
- Faculty members participated in Webinar and Quiz on “World Environment Day -2020” organized by ISTE, NSS, YRCW, BIET, Davangere on 05 June 2020.
- Deepashri K M, Shubha V Patel and Manjunath K G attended FDP on “Recent trends in Computer Architecture, VLSI and Embedded Systems (RCAVES-2020)” organized by Dept. of E&CE, GRIET, Hyderabad from 8-13 June 2020.
- Shubha V Patel participated in 5 Days Faculty Development Program on “Artificial Intelligence and Data Science” organized by Department of Information Technology, Oriental Institute of Science & Technology, Bhopal, from 10-14 Jun 2020.
- Faculty members participated in online “National Level Quiz on NBA” organized by Dept. of Computer Engineering, PVPP College of Engineering on 15 June 2020.
- Faculty members participated in online “National Level Quiz on NAAC” organized by Dept. of Computer Engineering, PVPP College of Engineering on 15 June 2020.
- Participated in TEQIP-III sponsored 3 Days online Faculty Development Program on “Recent Advances in Automation and Networking” organized by Department of Electronics and Communication Engineering, Basaveshwara Engineering College, Bagalkot from 18-20 Jun 2020.
- Participated in National-Level Faculty Development Program on “NBA Preparation & CO-PO Mapping” organized by Department of Mechanical Engineering, SVPM’s COE Malegaon Bk, Baramati, in association with ISTE on 28 Jun 2020.

Publications

- Shubha V Patel published a research paper titled “**Design and Development of Lie Detector**”, *International Journal of Engineering Research and Technology (IJERT)*, Volume 9, Issue 6, June – 2020, pp.974-976.ISSN:2278-0181

Student Activities

- Project work titled “Automated Sanitary Management System” carried out by Akash M B, Annem Ganga Sumanth, Siddesh K M and Pooja D R of 8th sem under the guidance of Deepashri K M, Assistant Professor, was sponsored by KSCST, Bengaluru for the year 2019-2020.
- Project work titled “Design and Fabrication of Thermal Jacket” carried out by Sinchana, Megha V Desai, Meghana and Karishma Kumari of 8th sem under the guidance of Deepashri K M, Assistant Professor, was sponsored by VTU, Belagavi for the year 2019-2020.
- Sneha S Ambadagatti of 4th Sem participated in the online quiz on “Contribution of Indians to the World of Science”, on 27 Jun 2020.

Expert Lectures/Workshops/ Training Programs

Department had organized Three days hands on workshop on “Embedded IoT & its Applications”, in association with Abeyaantrix Softlabs, Davangere from 27-29 Feb 2020.

Event Description

- Introduction to IoT & IoT devices
- Introduction to Arduino UNO & Embedded C
- Programming Arduino and interfacing sensors
- Networking

Resource Persons:

- Mr. Malleesh
- Abeyaantrix Softlabs, Davangere
- Mr. Mahantesh
- Abeyaantrix Softlabs, Davangere



Three days hands on workshop on “Embedded IoT & its Applications”

Placement Details



Akash M B



Nandini B



Sowmya Wali

HCL Technologies



Annem Ganga Sumanth
Robert Bosch



Ramya M T
DXC Technologies