

About BIET: Bapuji Institute of Engineering and Technology was started in the year 1979 with the initiative and foresight of Bapuji Educational Association. The institute has been recognized by AICTE and accredited by NAAC with 'A' Grade, and Institution of Engineers. The Institute has grown by leaps and bounds, and at present offers 15 UG and 05 PG programmes in Engineering, Technology and Management. The institute has 14 VTU recognized Research Centers. In addition to academic activities, the college undertakes consultancy works in Civil, Environmental, Mechanical, Electrical & Electronics and other fields of Engineering.

About the Department: The department of Electronics & Communication Engineering was established in the year 1979 with a vision to promote and maintain academic & professional excellence in technical education and research field. The department is accredited for 4th time by National Board of Accreditation (NBA), AICTE, New Delhi in the year 2022. Department has to its credit 37 ranks. The department has well qualified faculty members and dedicated supporting staff. The department has excellent infrastructure, well equipped laboratories and departmental library. The Laboratories are equipped with Cadence, Xilinx Software with CPLD/FPGA kits, MATLAB, DSP Trainers and Evaluation Modules with Code Composer Studio, ARM Cortex M3 Boards, Microcontroller Trainers with Flash Modules, LabVIEW, OFC kits, MIC, Microwave Testbench, Analog and Digital Communication modules. Department is recognized as Research Centre by VTU Belagavi since 2020.

About FDP:

FDP is designed to supplement the Ability Enhancement Course-III **IoT for Smart Infrastructure BEC358D** prescribed for third semester of 2022 scheme.

A Faculty Development Program (FDP) on **Mastering IoT: Hands-on Training for sensor Integration, Devices and Cloud Services** is a structured training program designed to enhance the knowledge and skills of faculty members in the field of IoT.

FDP focuses on Sensors, Edge devices and connectivity, Protocols, Open source simulators, Cloud platform and associated hardware.

About VTU: VTU is one of the largest Premier Technological Universities in India with 25 years of Tradition of Excellence in Engineering & Technical Education, Research and Innovations. It came into existence in the year 1998 to cater the needs of Indian Industries for trained technical manpower with practical experience and sound theoretical knowledge. University has successfully achieved the tremendous task of bringing various colleges affiliated earlier to different universities, different syllabi, different procedures and different traditions under one umbrella. The University having 219 affiliated colleges, 1 constituent college and 25 autonomous colleges with undergraduate courses in 35 disciplines, PG program in 94 disciplines and Ph. D & M.Sc. (Engg.) with research programs in 592 departments with over 4 lakhs engineering students studying in various affiliated colleges. The university has 13 quality improvement program (QIP) centers in various affiliated colleges and 16 extension centers for offering PG programs. The University is making steady progress in developing and providing best technical environment for education, implementation of NEP 2020 and will continue to serve the nation in the coming years. Equipped with the extremely rich resources of an outstanding student body and faculty strong partnerships with business, industry. Government & alumni and friends, VTU is designing a future of global pre-eminence, leadership and service. Recently, VTU has implemented number of innovative initiatives to promote planned and sustainable development of technical education in the country.

Company Profile: Eaktech Private Limited is a dynamic startup in the Cloud and IT tech services sector. Eaktech is committed to driving digital transformation by providing innovative and reliable cloud and IT solutions to businesses across diverse industries.

Core Services: Eaktech Private Limited specializes in a comprehensive suite of Cloud and IT services, including but not limited to Cloud Infrastructure Management, Data Security and Compliance, Digital Transformation Consulting, IT Support and Maintenance and Custom Software Development.

Objectives:

- To provide an opportunity for Research Scholars / Faculty / Technical staff to familiarize with IoT, Sensor Integration, Devices and Cloud Services.
- To bridge the gap between academia & industry.
- To motivate participants to use open source tools for Research & Development on thrust area of IoT and its Applications.

Expected outcomes:

- To empower faculty members with the knowledge and skills to integrate IoT concepts into their teaching, research, and consultancy activities.
- To gain a comprehensive understanding of IoT technologies, enabling them to contribute effectively to the rapidly evolving field of IoT.
- To be familiar with open source softwares in IoT domain.

Who can participate?

Faculty / Research Scholars of all AICTE affiliated institutions.

Registration Fee	₹1000/-
Last Date for Registration	2 nd December 2023
Venue	Research Centre, Dept. of E&CE
Contact Details	Mr Yogesha K O Mob: 9738406471 Mrs Suman B S Mob: 8123502746 Email: bietec1979@gmail.com

Note:

- No TA/DA will be provided
- Working lunch will be provided.
- Accommodation will be provided with nominal charges.
- Participants should bring Laptop.

Account Details:

Registration Fee may be sent through [PhonePe/Google Pay](#) to : 9738406471 / 8123502746

One Week Faculty Development Program
on
**Mastering IoT: Hands-on Training for Sensor
Integration, Devices and Cloud Services**

4th – 9th December 2023

Registration Form

Name:

Department:

College address:

Email ID:

Mobile No:

Signature & Date:

Principal Signature

Scan here to Register



Online Registration form link:

<https://forms.gle/bBzDVoeEJX6dBrnXA>

Chief Patrons

Dr. Shamnur Shivashankarappa
Honorary Secretary, BEA & Chairman, BIET
Sri. S. S. Mallikarjun, Joint Secretary, BEA
Dr. Vidyashankar S, Vice Chancellor, VTU

Patrons

Dr. B. E. Rangaswamy, Registrar, VTU
Dr. T N Srinivas, Registrar (Evaluation)
Smt. M. A. Sapna, Finance Officer, VTU
Prof. Y. Vrushabhendruppa Director, BIET
Dr. H. B. Aravind, Principal, BIET

Resource Persons

Sri. Adarsh B U, CTO, EakTech Private Limited, Bengaluru
Sri. Syed Irfan Ali, Solution Architect, EakTech Private Limited, Bengaluru
Hari Vishal, IoT Engineer, EakTech Private Limited, Bengaluru

Coordinators

Prof. Ashalatha M E, Professor
Dr. K M Prakash, Associate Professor
Smt. Radhika Priya Y R, Assistant Professor
Smt. Nirmala G, Assistant Professor
Mr Yogesha K O, Assistant Professor
Mrs Suman B S, Assistant Professor

Organizing Members

Faculty Members, Dept. of E&CE.



Bapuji Educational Association®
Bapuji Institute of Engineering and
Technology, Davangere-577004
Accredited by NAAC with 'A' Grade



**Department of Electronics & Communication
Engineering**
(Accredited by NBA)

in association with

Visvesvaraya Technological University, Belagavi

&

Eaktech Pvt. Ltd., Bengaluru

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Convener

Dr. G. S. Sunitha, Professor & Head