Who can attend?

The training program is open to faculty , researchers and industry professionals.

How to Apply?

1. Make payment/Prepare DD
2. Send duly filled registration form along with DD or NEFT receipt to Vidya Pratishthan's Kamalnayan Bajaj Institute of Engimeering & Technology, Vidyanagari, Bhigwan Road, Baramati .

Accommodation: Paid accommodation for limited no. of participants is available in institute guest house.

Registration Form:

Name: ……………………………………………………..
Designation:………………………………………………
Affiliation:…………………………….…..……………….
……………………………………………………………..
Male/Female: ……………………………………………..
Educational Qualifications: …..………………………….
Category (Faculty/Delegate from Industry) :…………...
Mailing Address……………………………………….…..
……………………………………………………………..
Category(GEN/OBC/SC/ST):………….…………………
Phone: ……………………………………………………..
Fax:………………………………………………………..
Email: ……………………………………………………..
Accommodation Required (Yes/No):……………..........
Awareness on Topic: Low /Medium/ High

Details of Registration Fees:

Faculty:	**Rs. 1000/-**
Industry Professionals:	**Rs. 1500/-**

DD No. / NEFT ReceiptNo.:…………………………….…
………………………………………….………………….
Drawn on ………………………………………………..
Date …………………………………………………….
Issuing Bank……………………………………………..

Applicant's signature

Registration fee may be sent as Demand Draft in favor of **Principal VPKBIET, Baramati** payable at Bank of Maharashtra, Jalochi by **5th June 2019**. Online payment can also be made to :

Account name: VPKBIET, Baramati, Address: Bank of Maharashtra, Jalochi, Baramati.
Account No. 60150666606
IFSC Code: MAHB0001409

Steering Committee

Chief Patrons

Hon. Dr. Rajiv Motilal Shah
Member, Vidya Pratishthan

Hon. Adv. Neelima V Gujar
Member, Vidya Pratishthan

Patrons

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Officiating Director, PDPM IIITDM, Jabalpur and Director, ABV IIITM, Gwalior

Prof. R.S. Bichkar
Principal, VPKBIET, Baramati

Coordinators

Prof. S. B. Lande
Vice-Principal, VPKBIET, Baramati
Prof. P. N. Kondekar
PDPM IIITDM, Jabalpur
Prof. S. D. Chede
HOD E&TC, VPKBIET, Baramati

**Vidya Pratishthan's
Kamalnayan Bajaj Institute of
Engineering and Technology,
Baramati
Accredited NAAC 'A' Grade**

Short Term Training Program
on
Deployment of Internet of Things (IOT)

11th June 2019- 15th June 2019

Organized by

Department of Electronics & Telecommunication,
VPKBIET, Baramati
Vidyanagari, Bhigwan Road, Baramati
Contact: (02112) 239503, 239525
Email: hod.entc@vpkbiet.org
Web: www.vpkbiet.org

In Collaboration with
E & ICT Academy, Indian Institute of Information Technology,Design and Manufacturing , Jabalpur

About the VPKBIET:

Vidya Pratishthan is a name fondly synonymous with education in all its myriad forms and academic aspects. Since its inception in 1972, the Institution has majestically scaled the ladder of success with profundity that aptly reflects its commitment to accord educational facilities to all sections of society. Vidya Pratishthan houses 25 Institutions with 1500 faculty to nurture more than 30,000 students. Vidya Pratishthan, a truly class Educational campus with a touch of magnificence in all its fields.

VPKBIET has student centered institutional development as a motto. We are committed to pursue academic excellence to develop students with comprehensive technical knowledge and integrated personality. We prepare students to think globally, act locally, involve individually and systemize institutionally to meet emerging industrial and social needs. Institute have excellent infrastructure, friendly clean environment, well-equipped Modern Labs. Dedicated staff inculcate usage of modern ICT tools to complement excellent teaching and to ensure excellent results.

About E & TC Department:

The Electronics and Telecommunication Engineering Department has a rich tradition in all-round development of students. Faculties from Department have pursued and are pursuing PhD from IITs and Foreign Universities. Department focuses on knowledge enrichment of students through NPTEL, spoken tutorials, smart class room etc. Being one of the renowned Remote centre of IIT Bombay, Department facilitates technical platform for knowledge exchange. Faculty and students have patents and achievements in competitions like Hackthon, Avishkar, Robotics, paper presentations etc. Entrepreneur development Cell conducts different FDPs for faculty and students. Department encourages students for internships in India and abroad.

About Electronics & ICT Acadamy :

Ministry of Electronics & Information Technology, Government of India has instituted seven Electronics & ICT Academy with one Academy at PDPM, IIITDM Jabalpur with the primary objective of preparing manpower for two important mission- 'Digital India' and 'Make in India'. The Academy aims at the design and implementation of scalable training program in niche area of Electronics & ICT for the development of required knowledge base, skills and tools to unleash the talent of Indian population. The Academy at PDPM IIITDM Jabalpur runs high quality specialized courses for faculty, students and unemployed graduates. In addition, the Academy conducts customized training program and research promotion workshops for corporate sector and educational institutions. The Academy is envisioned to become a central hub of activities on training, consultancy work and entrepreneurship programs

Focus Areas of workshop:

• Overview of IOT components and Applications
• IOT Architecture and Stack
• IOT protocols- HTTP, MQTT, REST, SOAP
• Python for IOT/Programming
• Hands on experience using Raspberry Pi, Node MCU
• Cloud Computing/ Connections
• Introduction to Industrial IOT (IIOT)
• Applications of IOT in Machine Learning and AI
• Hands on sessions on Raspberry Pi based IOT
• Big data analysis
• Industry 4.0

Objectives of Workshop:

1. To understand fundamentals of IOT, basic design strategy and process modelling.
2. To introduce faculties a set of advanced topics in embedded IOT and lead them to understand research in network.
3. To develop comprehensive approach towards building eco IOT system.
4. To learn and implement secure infrastructure for IOT
5. To learn real world application scenarios of IOT along with its social and economic impact using case studies
6. To provide an opportunity for academician and researcher to learn, enrich, and enhance their knowledge with hands-on deployment skills in order to develop various IOT enable solutions.
7. This program will provide opportunities for researcher and faculty to interact on cutting edge technologies in IOT with their applications.

Program Outcomes:

1. Participants will be able to understand the fundamentals of IOT & its applications.
2. Implement IOT systems using Raspberry Pi.
3. Recognise research problem in the field of IOT.

Staff Coordinators:

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