Dear Sir/Madam,

It is giving me immense pleasure to inform you that B. T. Kumaon Institute of Technology, Dwarahat is going to organize a Uttarakhand Science education And Research Center(USERC) & TEQIP-III sponsored five days workshop on **"*Internet of Things (IoT) Enabled Devices in the Various Domain of Engineering*"** for faculty members/students/scientists/engineers working in educational institutes/ industries/ R&D organizations. The workshop is scheduled during 20-24 March 2020 at Department of Computer Science & Engineering of B. T. Kumaon Institute of Technology, Dwarahat.

I am sure that this Workshop will prove to be a valuable learning opportunity for all the participants.

With Warm Regards

(Dr. R K Bharti)
Coordinator
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Mobile: 9012777050

REGISTRATION FORM
Sponsored By
Uttarakhand Science Education and Research Center (USERC)Uttarakhand
&
TEQIP Phase III
Workshop
on
Internet of Things (IoT) Enabled Devices in the Various Domain of Engineering
(20-24 March 2020**)**

1.Name: ……………………………………………………

2.Gender (Male/Female): …………………………………

3.Designation:...

4.Institution:...

5.Address: ………………………………………………
………………………………………………………………
……………………………………………………................

6.Phone/Mobile:…………………………………………

7.Email: ……………………………………………........

8.Educational Qualification:…………………………………

9.Professional Experience:…………………………………

        Teaching:…………………………………

        Other:……………………………………

10.Motivation and future plan to prefer this course:………………………………………………………

11.Accommodation Required: Yes/No

12.Registration fee details:

D.D. No: Date:

Name of Bank:

Date: ……………………   Signature of Participant

Patron
Prof. V. M. Mishra, Director

Chairman/Convener
Dr. K.S. Vaisla
Prof. & Head, Computer Science & Engineering Department BTKIT Dwarahat
Dr Ajit Singh, Professor, Computer Science & Engineering Department, BTKIT Dwarahat

Advisory Committee
Prof R K Singh, HOD ECE Department
Prof Jyoti Saxena, HOD BCE Department
Prof Satyendra Singh, HOD, Mechanical Engineering
Prof Lata Bisht, HOD, ASD Department
Mr R.P. Singh, HOD, Electrical Engg Department
Mr Anshuman Mishra. HOD, Chemical Engg Department
Mrs Renu Sinha, HOD Civil Engg.Department

Organizing Coordinators
Dr. R.K.Bharti, Associate Professor, BTKIT Dwarahat
Dr Archana Verma, Assistant Professor, BTKIT, Dwarahat

Organizing Committee
All Faculty/ Staff member of CSE Department.

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E-mail: rajendramail1980@gmail.com
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Dr. Archana Verma
E-mail: vermarchana05@gmail.com
Mobile: 9457894800

For Accommodation/Travel Support
Mr lalit Mohan Joshi, Research Scholar, CSE Department
E-mail: lalitm.joshi09@gmail.com
Mobile: 9411929999

5days
Workshop
On
Internet of Things (IoT) Enabled Devices in the Various Domain of Engineering
(20-24 March 2020**)**

Under TEQIP Phase III
Sponsored By
Uttarakhand Science Education and Research Center (USERC) Uttarakhand

Coordinator
Dr. R K Bharti

Organized By

Department of Computer Science &l Engineering
B. T. Kumaon Institute of Technology
Dwarahat, Almora (Uttarakhand)

ABOUT THE INSTITUTE

B.T.Kumaon Institute of Technology (Formerly- Kumaon Engineering College), Dwarahat, District Almora, Uttarakhand is an engineering institute established by the Govt. of Uttar Pradesh in 1986 for imparting engineering education and promoting technological environment in Kumaon region. Kumaon Engineering College, Dwarahat started functioning in 1991 and its name transformed into B.T. Kumaon Institute of Technology (BTKIT) in 2011. The institute is spread over an area of 155 Acres at an altitude of 1450 meters. The institute has been granted autonomous status by UGC in 2012.

Institute offers B. Tech., M. Tech. and PhD programmes in various disciplines of Engineering & Technology. The Institute has been selected under World Bank funded Government of India Project on Technical Education Quality Improvement Programme (TEQIP - III).

The institute possesses several modern facilities and offers a congenial environment for teaching and research. With over 25 years of experience and achievements in the field of technical education, BTKIT has established itself as an institute of total commitment to the quality and excellence in academic pursuits.

ABOUT THE DEPARTMENT

The Computer Science & Engineering department offers following course : B. Tech, M. Tech, MCA & Ph. D

The department has qualified and experienced faculty members in the areas of Computer Architecture, Database Systems, Image Processing, Artificial Intelligence, Data Mining, Wireless and Sensor Networks, Computer Networks, and Software Engineering.

There is widespread interaction between the Computer Science and Engineering department and various other departments like Electrical Engineering & Electronics Engineering in the field of teaching and research. The

overall personality of the students is taken care keeping in mind the following aspect:

- To provide a sound academic and technical infrastructure augmented with extracurricular facilities to ensure the all round development of the students.
- To mould the technical mindset of the students according to the dynamic technological innovations.
- To produce professionally qualified engineers who stand at the cutting edge of the technology and provide an impetus to the global economy.

OVERVIEW, COURSE OBJECTIVES AND CONTENT

The vision to conduct this workshop on" Internet of Things (IoT) enabled devices in the various domain of engineering" is to enable students and/or delegates in the field of emerging technology of Internet of Things. All the participants will be definitely benefitted after hands on practice. Their knowledge span will be surely become wider after attending theoretical sessions of this workshop. The base for IoT is any innovative idea in daily routine life. In Kumaon region of Uttrakhand specific scenarios, which demand IoT are fire and safety, automotive, smart cities, water and energy supply, agriculture, health, security and privacy of data.

Workshop will provide opportunities for new forms of higher education such as Coding using IoT platform, IoT servers with NodeMCU, TI LaunchPad Arduino and Raspberry Pi, Robotics and more.Other objectives of the workshop:

- To build industry capable talent, compatible with respect to current technology.
- To provide a platform for learning recent IoT based Technologies.
- To energize research mind-set and reduce costs in research and development by providing interoperable, multi-technology stack laboratory facilities.
- To make the participants capable for solving IoT based problems.

KEY RESOURCE PERSONS

1) Prof. Durgesh Pant, Director, USERC, Uttarakhand
2) Dr. Pradeep Singh, Assistant Professor, NIT Raipur
3) Mr Sateesh Verma, Lead Information Security Officer, FISERV Pvt. Ltd.
4) Mr Shubham Kumar, Project Manager, Mapping Skills, Noida
5) Mr Amit Kapoor, Project Manager ,Mapping Skills, Noida

BENEFITS OF ATTENDING THE COURSE

This workshop aims to introduce the participants to these optimization techniques and provide them with hands-on experience, enabling them to apply the techniques in their respective fields.

WHO SHOULD PARTICIPATE?

The workshop is open to all the students/faculty members/ scientists/engineers studying/working in educational institutes/ industries/ R&D organizations.

REGISRATION FEE

Industry Persons: Nill
Academicians: Nill
Research Scholar/Students: Nill

The workshop is fully funded by Uttarakhand Science Education and Research Center (USERC) & TEQIP-III of the Institute so no registration fee for faculty and research scholar.

IMPORTANT DATES

The last date for the receipt of application: 15 March, 2020
By email: scanned copy: 10 March, 2020
Hard copy must reach by: 15 March,2020