

ABOUT DWARAHAT

Dwarahat - Town of Temples

The peaceful town of Dwarahat is nestled in the ravishing Kumaon hills of Uttarakhand. It is perched at an elevation of 1,510 metres above sea level in the Almora district of Uttarakhand. Dwarahat literally suggests the 'Way to Heaven' in local language. It is famous for the ancient temples constructed by the Katyuri kings. The architecture of these temples is similar to that of the Gurjari School of Art.

ABOUT BIPIN TRIPATHI KUMAON INSTITUTE OF TECHNOLOGY, DWARAHAT

Bipin Tripathi Kumaon Institute of Technology (Formerly Kumaon Engineering College) is an autonomous Institute of Government of Uttarakhand established by the then Government of Uttar Pradesh in year 1991. The Institute is fully financed by the State Government. The institute offers B. Tech. Degree in 7 disciplines, M., Tech. Degree in 3 branches, MCA course and Ph. D. Degree in 3 departments. The courses of the institute are affiliated to Uttarakhand Technical University, Dehradun.

ABOUT COMPUTER SCIENCE & ENGINEERING DEPARTMENT

The Computer Science & Engineering Department provide B.Tech. in CSE, M. Tech. in CSE and Ph. D. Degree to serve as the future professionals with ultimate wisdom and knowledge. The department was accredited by NBA-AICTE in 2007. The department has well qualified faculty members and state of the art laboratories.

PATRON

Prof. (Dr.) V. M. Mishra
Director, BTKIT Dwarahat

Co-PATRON

Dr. K. S. Vaisla
Professor & Head, CSE Department

Dr. Ajit Singh
Professor & Registrar
BTKIT Dwarahat

CONVENER

Dr. Vishal Kumar
Assistant Professor
Dept. of Computer Science & Engineering

COORDINATOR

Mr. Varun Kumar Kakar
Assistant Professor
Dept. of Electronics & Communication Engineering

SECRETARY

Mr. Lalit Kumar Garia
Assistant Professor
Dept. of Electronics & Communication Engineering

Mr. R.P Singh
Assistant Professor
Dept. of Electronics & Communication Engineering

Address for Correspondence

Varun Kumar Kakar
Assistant Professor
Department of E & C Engineering
BTKIT, Dwarahat Almora, Uttarakhand
Website-<http://kecua.ac.in>
Email- kakarvarun@gmail.com
kumarvishalji@gmail.com
Contact No. - +91-9917088834
+91-8193098151

TEQIP-III Sponsored

Two Week

Workshop/ Short Term Course

On

**Amateur Radio
Communication Systems &
Networks as a 'Bridge to
Connect Everything'
(ARCSN-2020)**

(February 03-15, 2020)

Organized by



**Department
Of**

**Computer Science & Engineering
B. T. Kumaon Institute of Technology
Dwarahat -263653, Almora, Uttarakhand**

IMPORTANT DATES:

- Last date for submission of registration form is **2nd February, 2020**. On spot registration is also available.

REGISTRATION FORM

TEQIP-III Sponsored

Workshop/ Short Term course on Amateur Radio Communication Systems & Networks as a 'Bridge to Connect Everything' (ARCSN-2020) (February 03-15, 2020)

Title (Dr./Mr./Mrs./Ms.): _____

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for correspondence: _____

Phone: _____

E-mail: _____

Qualification: _____

Category of Registration (Student/ Faculty/ Industry
Person etc.): _____

Accommodation required*: Yes / No

Signature of applicant (with date)

Sponsoring Authority:

Name: _____

Organization: _____

(Signature of Head of the Institute with Seal)

COURSE OBJECTIVES

This course has been designed to familiarize the students, researchers and engineers working in the field of wireless communication engineering and computer communication to establish wireless computer communications with correspondents in local neighbourhoods, other cities, countries & continents- without commercial and governmental infrastructures. The audience will also learn how to take advantage of amateur radio satellites, how to exchange urgent emails without internet or telephone connections and also how to choose most proper hardware and software for the amateur radio communication. The course will benefit participants from academics, R&D institutions, professional engineers from utilities, and research scholars at masters and PhD programs.

COURSE CONTENTS

The course aims to address the following issues related to amateur radio communication, but not limited to them. The objective of the course is to share with the participants technology developed on:

- Amateur Radio Communication basics
- Recent results in experiments with GPS technology in amateur radio mapping
- Implementation of Digital Mobile Radio in amateur radio world
- Wireless Network Security & Privacy
- Testbed and prototype implementation of amateur wireless services

- Amateur radio as a technology and architecture model for rural communication
- Opportunities of amateur packet radio satellites
- Other relevant topics
- Special Session on Technical Manuscript Preparation using Latex/ Lyx*

RESOURCE PERSONS

Industry Persons and faculty members from national reputed institutes will be delivering the theory and practical sessions during the workshop.

WHO SHOULD ATTEND?

Faculty members/ research scholars/ students from academic institutes approved by the AICTE/ UGC/ MHRD and Scientists/ Engineers working in Private/ Public/ Govt. organizations/ industries etc. can attend the course.

REGISTRATION DETAILS

The application should be made on the registration form. There is no registration fee. Participants will be selected on first-come-first served basis.

The registration form, completed in all respects, duly forwarded by the Head of the Institute, should reach on or before February 2nd, 2020. On spot registration facility is also available.

CERTIFICATION

A certificate of participation will be issued to all the participants who attend all the sessions during the course.