

One Week Faculty Development Program
on
Principles of GNSS, Applications and
Research Areas

Jointly Organized
by

Departments of ECE, OUCE & CBIT

04-09, June 2018

Registration form

Name: _____

Designation: _____

Gender: _____

Organization: _____

Address for correspondence: _____

Phone/Mobile: _____

Email ID: _____

Educational Qualifications :

Experience: _____

Category: Academic/Industry/R&D _____

Research Interests:

Payment Details:

Draft No: _____ Date: _____

Amount: Rs. _____ Drawn on _____

Place:

Date:

Applicant's Signature

Signature of Head of the Institute / Organization with Seal

Osmania University College of Engineering
(OUCE)

and

Chaitanya Bharathi Institute of Technology
(CBIT)



In Association with
VSSUT, Burla, Odisha- TEQIP-III Mentee Institution

Jointly Organize

One Week Faculty Development Program
on
Principles of GNSS, Applications and
Research Areas

Sponsored by
TEQIP – III

04-09, June 2018

Course Conveners

Dr.P.Naveen Kumar Sri.T.Sridher
Assoc. Professor, ECE, OUCE Asst. Prof, ECE, CBIT

Technical Advisor

Prof.A.D.Sarma
Director R&D, CBIT
Former Director NERTU OU

Venue: Seminar Hall, 2nd Floor
Dept. of Electronics and Communication
Engineering, University College of Engineering (A),
Osmania University, Hyderabad.

Course Fee:

S No	Category	Amount (Rs.)
1.	Research Scholars / P.G. Students	2,000/-
2.	Academic Faculty	3,000/-
3.	Engineers/Scientists	4,000/-

Registration form along with payment can be sent to the convener. Payment by Demand draft in favor of Head, Dept. of ECE, UCE, OU payable at SBI, OU campus Hyderabad.

The fee includes course kit, working lunch, tea/snacks. The number of participants is limited and the selection is on first-cum-first serve basis.

Accommodation:

All arrangements including travel, boarding and lodging should be made by the participants themselves. However, for women participants limited accommodation may be arranged on payment basis.

Important Dates:

Last date for receipt of application: **26th May 2018**
Intimation to selected candidates: **28th May 2018**

Target Group

The present course is expected to benefit academicians, researchers, engineers, scientists, and students who are teaching/ working / studying in the areas of GNSS/IRNSS, Radio Wave Propagation., also, useful to those who would like to work in these areas for pursuing their higher studies.

Ph.D Student Coordinators:

Mr.N.Santhosh and Mr.K.Devadas

For further details please contact:

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University College of Engineering (A), OU

The University College of Engineering (UCE) has the distinction of being the oldest and the biggest among the Engineering Colleges of the state of Telangana. The College offers four year engineering degree courses leading to the award of Bachelor of Engineering (B.E.) in Biomedical Engineering, Civil Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering, Computer Science Engineering and Mechanical Engineering. The College also offers courses leading to Master of Engineering (M.E.) and Ph.D. in the various branches of Engineering. Part-time courses are offered at post-graduate levels in various departments.

Department of Electronics & Comm. Engg. (OUCE)

The Department of Electronics & Communication Engineering (ECE) was established in the year 1959 with only two faculty members. It bears the indelible stamp of its founder Head of the Department, late Prof. K.Krishnan Nair. He exhorted ECE Department to become a byname for Excellence, Creativity and Enterprise. In the span of five decades, the Department has grown to a complement of 16 members of teaching staff and about 500 students at UG, PG and Ph.D with the staff specialized in various fields of Digital Systems, Control Systems, GNSS, Signal Processing, Microwaves, Microprocessor Applications, Computer Systems, Communication Engineering, Embedded Systems and VLSI Design. The broad spectrum of subjects in the area of ECE is fully represented. At present the research areas in the department are GNSS/IRNSS, VLSI and Embedded System, Digital Signal Processing, Microwave Engineering and Modern Telecommunications.

Advanced GNSS Research Laboratory (AGRL)

AGRL laboratory is established under the Memorandum of Understanding (MoU) between University College of Engineering, OU with Space Applications Centre (SAC), ISRO, Ahmedabad. Shri. A. S. Kiran Kumar, Former Chairman, ISRO Department of Space and Chairman, Space Commission, Govt. of India., inaugurated in April 2017. This laboratory is equipped

with several equipment including several GNSS and IRNSS receivers. The performance evaluation of IRNSS/NavIC receivers provided by SAC, ISRO is being carried out. Several PhD, M.E and B.E students are on various projects for their thesis. Dr. P.Naveen Kumar (Principal Investigator) obtained a major research project of Rs 19.816 Lakhs, sanctioned by Space Applications Centre (SAC), ISRO.

Chaitanya Bharathi Institute of Technology (CBIT)(A)

CBIT is one of the premier engineering colleges for imparting quality engineering education in the state of Telangana. This is a first self-financed engineering college, established in 1979 in Hyderabad. Since 1979, CBIT has produced more than 20,000 successful engineers. The grants received from AICTE / UGC / DST / Defense Labs are worth about Rs. 4 crores in the form of sponsored, R&D and consultancy projects. This college offers Nine UG and Ten PG programmes. All UG programs and five PG programs are accredited by NAAC – UGC with ‘A’ grade. This college is accredited by NBA and is an ISO 9001-2015 certified institute. The institution has obtained UGC autonomous status.

Department of Electronics and Communication Engineering (ECE), CBIT

The Department of ECE was established from the inception of the institute. The department offers one Under Graduate (B.E.,) and two Post Graduate (M.E.) programmes one in "Communication Engineering" and the other in "Embedded Systems & VLSI" specializations. The Department has faculty with rich experience in teaching and research, good infrastructural facilities, thirteen (13) full-fledged laboratories with well-equipped hardware and software. The department has established one center in the area of "Navigation and Communication". The department is granted with several R&D and consultancy projects from the funding agencies like DST/ AICTE /ISRO/RCI/ UGC etc. The research areas of the department faculty include Microwave Antennas, GPS/GNSS, Signal and Image Processing, Mobile Communication, VLSI, Embedded Systems, Data Communication and Computer Networks. The department is rated as one of the best departments in the self-financed sector and is attracting top rankers in UG and PG programmes.

Resource Persons

This Faculty Development Programme (FDP) will comprise

of lectures delivered by eminent academicians, Industry persons etc.

About the FDP

A Global Navigation Satellite System (GNSS) is a network of satellites that transmit ranging signals for positioning and navigation anywhere around the globe; on land, in the air or at sea. This one week FDP incorporates combinations of comprehensive theory supported by the practical examples. The program will provide the participants with a clear overview of GNSS applications and research problems in this area.

The FDP also aims to bring academic faculty to share the information and free exchange of views and make available the expertise on GNSS at OU, CBIT and other organizations. It is hoped that this program will enable the participants to appreciate the intricacies in developing GNSS applications and throw light on the present status and future trends of the GNSS systems and research areas.

Chief Patrons

Prof.S.Ramachandram
Vice-Chancellor, OU

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT

Dr.V.Malakonda Reddy
President, CBIT

Patrons

Prof. S.Sameen Fatima
Principal, UCE, OU

Prof.P.Laxminarayana
Dean, UCE, OUCE

Prof.P.Ravinder Reddy
Principal, CBIT

Chairmen

Prof.P.Chandrasekhar
Head, Dept.of ECE, OU

Dr.Manoranjan Pradhan
Head, Dept.of ETE, VSSUT

Prof. N.V.Koteswara Rao
Head, Dept.of ECE, CBIT