

SCOPE & OBJECTIVES

- To carry out qualitative & quantitative future research work
- To focus future challenges of VLSI in communication
- To analyze concurrent & sequential engineering in communication
- To study reliable, economical & efficient means of communication.
- Review of current communication & tracking issues.
- Hands-on-experience with simulation techniques in the field of communication.
- To be conversant with various mobile wireless technologies.
- To be conversant with technologies helpful for higher education.
- To be aware on real challenges in the field of communication.

COURSE CONTENT

- Biometrics
- Image communication
- 4G TO 7G
- VLSI architecture
- RF MEMS
- Image enhancement & restoration
- HBT modeling
- Meta-materials
- Noise

SPEAKERS

The course lectures shall be delivered by the faculty members of VSSUT, Burla and eminent speakers invited from NITs, IITs and other premier institutions of India.

COURSE MATERIALS

Each registered participant will be provided with a set of comprehensive lecture notes.

ABOUT US

Veer Surendra Sai University of Technology (VSSUT) Odisha was formed by Odisha Act 9 of 2009 by upgrading University College of Engineering (UCE), Burla to a non-affiliating Unitary State University which came into force from 1st day of July 2009. The University has eleven departments covering all the major engineering, science and humanities disciplines, offering B.Tech., B.Arch., M.Tech., M.Sc. and Ph.D. programs. VSSUT is located at the foothill of Hirakud Dam – World's longest earthen dam. Burla is known as Intellectual capital of Odisha with VSSUT, Sambalpur University, VSS Institute of Medical Science and Research, Chipilima Agriculture College and Indian Institute of Management – all within a radius of 15 KMs. VSSUT is surrounded by metal and power industries and is referred as Odisha's "Growth Corridor". VSSUT campus is about 10 kms from Sambalpur railway station. Weather in Burla in January will be very pleasant. Woolen clothes would be required.

Department of Electronics and Telecommunication Engineering is the first department of its kind in the state of Odisha and was established in 1972 with a vision to develop new ideas in the field of communication. Since more than four decades, this department has produced high standard and self motivated professionals to serve humanity both nationally and internationally at par excellence .

Veer Surendra Sai University of Technology
Odisha, Burla

QIP Short Term Course on

**MODERN TRENDS & ADVANCES IN
COMMUNICATION SYSTEMS & VLSI
(MTACSV)**

04 - 09th January, 2016

Application Form

- 1.Name (Block letter):
 - 2.Designation & Pay-scale:
 - 3.Organization:
 - 4.Date of Birth:
 5. Address for communication:
- Pin Code: Phone:
Fax: E-mail:
- 6.Academic Qualification (Please tick)
(a) B.Tech. (b) M.Tech. (c) Ph.D.
 - 7.Specialization:
 - 8.Experience (in years)
(a) Teaching (b) Industrial (c) Research
 9. Amount of TA requirement as per entitlement mentioned in the brochure (only for AICTE approved colleges)
Rs.:
- Please register me for the course entitled "MODERN TRENDS & ADVANCES IN COMMUNICATION SYSTEMS & VLSI" to be held at VSSUT, Burla during 04 -09th January, 2016.

Place:

Date: Signature of the applicant