Aim/Objective

The proposed STC is conceived to discuss and provide an overview of the different facets of telecom and computer communication restructuring and their market growth to the participants. The course will cover current & emerging technologies in the field of communication Technologies to ensure sustainable development of manpower in this evolving field. The proposed STC is multidisciplinary in nature involving various Engineering streams like Electronics and Communication, Electrical, Computer Science and Information Technology. Thus, the STC is to be conducted by experts from multi-disciplinary research areas. The participants will be exposed to all aspects and analysis of various communication technologies. Appropriate open and research group discussions are also planned to discuss academic research issues.

Target Audience/Level

Faculty member from academic institutes, professionals from telecom Industries and research organisation, public sector undertakings officials, consultants, research scholars, students.

Duration

- **One weeks (January 9th – 13th, 2012)**

Topics

- Mobile communication, wireless sensors.
- Modulation and Demodulation Techniques
- WSN power management
- Fractional Fourier Transform, Error control codes.
- High –bit rate optical comm. systems
- Switching techniques in communication networks
- Development of PCF and their application in communication link
- Design and simulation tools
- Other relevant topics & issues

Expected Faculty and Experts

Prof. R.P. Yadav, VC, RTU Kota
Prof. B.P Pal, IIT Delhi
Prof. R. Bhattacharjee, IIT Guwahati
Prof. Kolin Paul, CP, IIT Delhi
Prof. R. Sharan, LNMIIT, Jaipur
Prof. V. Sinha, LNMIIT, Jaipur
Prof. Sudarshan Tiwari, NIT Allahabad
Dr. Suchandan Pal, CEERI Pilani
Prof. D. Bhatnagar, Raj. Uni. Jaipur
Prof. S. G. Modani, ECE, MNIT Jaipur
M. Salim, Head, ECE, MNIT Jaipur
Prof. M. S. Gaur, CP, MNIT Jaipur
Dr. K. K. Sharma, ECE, MNIT Jaipur
Dr. Vijay Janyani, ECE, MNIT Jaipur
Dr. Ritu Sharma, ECE, MNIT Jaipur
Dr. Rajesh Kumar, EE, MNIT Jaipur
Ghanshyam Singh, ECE, MNIT Jaipur
Experts from Telecom Industry

Registration

A letter of intent or the registration form forwarded by the head of the organization/institution should reach the coordinator on or before **January 6th, 2011.** Please include your contact e-mail, phone number, FAX, and address. A course registration fee has to be submitted, at a rate of **Rs. 1000/-** per person for delegates from academic institutes and **Rs. 2500/-** for delegates from industries. The fee should be sent, along with the filled registration form, through Bank Draft drawn in favour of **"Registrar, MNIT Jaipur"**.

The applicants must also send an e-mail to gschoudhary75@gmail.com, expressing their intent to participate in the programme.

Registration Form

Short-Term Course
On
Wireless and Optical Communication Technologies
(9th Jan - 13th Jan, 2012)

Name (in block letters), Designation & Address of The Applicant
……
……
……
……
Phone (O, R, M) & Fax with STD Code
……
……
E-mail: ……

Address of Sponsoring Authority: ……
……
……
……
Academic Qualification: ……
Specialization: ……
Experience in Years: ……
Details of registration fee -
Draft No …… Dt……
for Rs. …… is enclosed.

Date:

Signature of candidate

The applicant will be permitted to participate in the above programme, if selected. Further, I have personally talked to the applicant and he/she seemed to be sure to attend the course, in case admission is offered to him/her.

Date: Signature of Sponsoring Authority with seal

About MNIT Jaipur

Malaviya National Institute of Technology Jaipur is one of the premier NITs, designated with the status of “Institute of National Importance” by MHRD. The Institute was established as a joint venture of the Government of India and the Government of Rajasthan in 1963. MNIT campus spreads over 325 acres of lush green area in the central location of Jaipur city. At present the institute offers undergraduate and postgraduate courses (M.Tech. /M.B.A. /M.Sc. & Ph.D.) to about 3500 students, in almost all leading fields of engineering, technology, architecture, management and sciences. Through the internationally renowned faculty, laboratories with state of art equipments and excellent infrastructure, the institute is actively engaged in research, consultancy and developmental activities, besides imparting regular teaching.

General Information

Suitably furnished accommodation will be provided (if requested in advance) in the Hostel/ Guest Houses of the MNIT Jaipur on nominal payment basis for outstation candidates, on twin sharing basis. The participant will not be paid any TA/DA. Working lunch would be provided by the organisers. Limited seats are available in this course. The candidates would be informed of their selection in advance by email. Applications on attached form with due sponsorship should be sent at the correspondence address. This must be accompanied by appropriate DD. No application will be considered without the requisite DD attached or without signature of sponsoring authority.

Contact Address:

Dr. Ritu Sharma
Assistant Professor, ECE Deptt.
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Dr. Vijay Janyani
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9828025070, vijayjanyani@gmail.com

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Ghanshyam Singh
Assistant Professor, ECE Deptt.
9413965611, gschoudhary75@gmail.com

Department of Electronics & Comm. Engg.
Malaviya National Institute of Technology
Jaipur – 302017.

Important Deadlines:

Last date for receiving applications:
January 6th, 2012

Notification of acceptance:
January 7th, 2012.

Call for Participation

Short-Term course

On

Wireless and Optical Communication Technologies

(9th Jan - 13th Jan, 2012)

Course Coordinators
Dr. Ritu Sharma
Dr. Vijay Janyani
Ghanshyam Singh
Dr. Rajesh Kumar

ORGANISED BY
Department of Electronics & Comm. Engg.
Malaviya National Institute of Technology
J. L. N Road, Jaipur – 302 017