

This file has been cleaned of potential threats.

If you confirm that the file is coming from a trusted source, you can send the following SHA-256 hash value to your admin for the original file.

09ec9fb988c4bb993abb217d380bc24217568f78d34f5aea88dfe2a15bbc73ec

To view the reconstructed contents, please SCROLL DOWN to next page.

G. S. Sanyal School of Telecommunications

I. I. T., Kharagpur



**Organizes
Off-Campus Short Term Course
On**

**Optical and Wireless
Networks (OWN)**

June 07-12, 2010

At

**Government College of Engineering
and Technology Jammu,
Jammu 180004, Jammu & Kashmir**

Last date of application: 07.05.2010



G. S. Sanyal School of Telecommunications (GSSST) has been conceived to fulfill the needs of education, research, technology development and training in the area of Telecommunication Engineering. The School also collaborates with industry, academia and professional bodies to function through various innovative means. It has been actively engaged in a number of technology development activities through sponsored and industrial consultancy projects.

One of the specific objectives of the School is to offer short-term training programmes on current topics that cover important state-of-the-art technologies employed in a telecommunication network infrastructure. The training programmes intend to create awareness of the evolving telecom environment and provide details to

the professionals from industry and academia. The interaction with participants during the course period and even subsequently is likely to lead to useful research collaboration with the participating organizations, while providing useful feedback to improve the scope of the course in future.

Course Outline

Introduction to optical communication and networks, Single-wavelength optical LANs, SONET/SDH and ATM, WDM based LANs, Wavelength-routed optical networks, Routing and wavelength assignment algorithms, Optical burst switching, Network control and management. Overview of wireless networks, Cellular air-interface, Wireless medium access, Wireless LAN, Ad hoc and sensor networks, Broadband networks, Diversity techniques and MIMO systems, Traffic engineering, Network planning and operation.

Speakers:

Prof. Suvra Sekhar Das, (Coordinator)
Prof. S. S. Pathak, (Coordinator)
Prof. Saswat. Chakraborty,
Prof. Rajarshi Roy,
Prof. Debashis Dutta..
Prof. S.K.Varshney

Experts from leading industries and academic institutions are also expected to deliver lectures

Eligibility for Participation:

Research personnel working in R & D Organizations/Scientific Officers and Engineers from Industry/Faculty of educational institutes can apply. The

participants should have a minimum of Bachelor's degree in Engineering (B.E/ B.S/ B. Tech.) or equivalent in Electrical / Electronics and Communications Engg. / Computer Science & Engg. Applicants with Masters Degree in Science (M.Sc) with specialization in Electronics/Computer Science are also eligible.

Some unemployed graduate engineers and/or senior students in the related field may also be considered on a case to case basis

How to Apply:

Interested persons may apply in the format given herewith ***along with the registration fee***. Payment should be made through a ***Demand Draft***, to be drawn in favor of 'CEP - STC, IIT, Kharagpur' payable ***at Kharagpur***. The filled-in application should be sent to the Chairman, GSSST on or before the last date. Completed applications must be sent through post. Information related to the courses and participation will also be available at:

www.gssst.iitkgp.ernet.in

Registration Fee for each course:

For Indian Participants:

Engineers from Industry/R&D Labs:

Rs.15,000/-

Faculty from Engineering Colleges/
Universities /Tech. Institute:

Rs. 8,000/-

For Foreign Participants:*

Engineers from Industry/ R&D Labs: **US\$ 800**

Faculty from Engineering Colleges/
Universities/ Tech. Institute: **US\$ 500**

** A concession of US \$200 is applicable for participants from rest of SAARC countries (Bangladesh, Bhutan, Nepal, Maldives, Pakistan & Sri Lanka)*

Accommodation:

City of Jammu has several hotels and the participants are encouraged to arrange their own accommodation. However, limited on-campus accommodation is available on twin sharing basis on a first-come-first-serve basis.

General Information:

For local information please contact

*Dr. (Mrs) Sameru Sharma,
Head, Dept. of electronics and Communication
Engineering, Government College of
Engineering and Technology Jammu, Canal
Road, Jammu 180004, Jammu and Kashmir.
sameru33@gmail.com*

For any other query please contact:

office@gssst.iitkgp.ernet.in
suvra@gssst.iitkgp.ernet.in
ssp@ece.iitkgp.ernet.in

Completed applications may be sent to:

The Chairman
G.S. Sanyal School of Telecommunications
Indian Institute of Technology Kharagpur,
Kharagpur - 721302

Registration Form:

Name of the Applicant: (BLOCK LETTERS)

.....

Designation:

.....

Sex (M/F):

Educational Qualification:

.....

Address for communication: (including E-Mail, Fax & Tel.)

.....
.....
.....
.....
.....

Is Accommodation required? Yes / No

Name of the Sponsoring Institute/
Organization:

.....

Details of Demand Draft:

Amount: Rs.Date
No.Bank.....

Signature of the Applicant with date

Signature of sponsoring authority with
date and seal:

.....