

About NIT Kurukshetra National Institute of technology, kurukshetra Haryana(Founded as Regional Engineering College, Kurukshetra) is a renowned academic and technical institute of this region. Since 1963, like other Regional engineering Colleges of India, this institute also had a joint enterprise of state and central governments. This institute was conferred upon the status of Deemed university on June 26, 2002. Since then it has been renamed as National Institute of Technology, Kurukshetra (Deemed University). The institute is offering currently the following bachelors degree courses in electrical, mechanical, civil, electronics and communication, computers, IT and industrial engineering and management. The institute also offers PG courses in engineering in fifteen different specialization. The institute has good research ambient supporting a large number of research scholars pursuing their Ph.D degrees.

Kurukshetra is a railway junction on the Delhi-

Karnal-Ambala section of the Northern Railway. Its about 160 Kms from Delhi.



COORDINATOR:

Prof. Sandeep Santosh,
Department of ECE,
NIT Kurukshetra.

Faculty For the course:

Distinguished Teachers in the field of Digital Signal Processing from National Institute of Technology, Kurukshetra and Indian Institute of Technology, N. Delhi will deliver the lectures.

Note:

- Brochure and application form can be downloaded from our website. www.nitkr.ac.in
- No. of seats available are 20.
- List of Selected participants will be displayed on the institute website mentioned above on

or before 21st Dec. 2007.

- Address for correspondence :

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ECE Department,
National Institute of
Technology,
Kurukshetra.-136119.
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Mob. 9996058324.

Ph. Office.:

01744233427.

Course Outline:

There has been tremendous growth in the area of Electronics and communication engineering during the last decade. This short Term Training Programme is to introduce the participant about the Advances in Digital Signal Processing .The course contents have been divided into both class room theory and practical sessions in Digital Signal Processing Laboratory. This course will cover the following main topics.

Theory

Array Signal Processing,
Multirate Digital Signal
Processing, Adaptive

Filtering in Digital Signal Processing, RADAR Signal processing, SONAR Signal processing.

Practical Session

Matlab programming in Digital Signal processing, Introduction, Discrete Time Signals and Systems, The Discrete Time Fourier Analysis, The z-Transform, The discrete fourier Transform, Digital filter structures, FIR Filter design, IIR Filter design, Applications in adaptive filtering, Applications in communications, Multirate Digital signal processing.

Eligibility

This course is open for the faculty members of Engineering Colleges and Diploma level institutes.

Registration fee:

- Registration fee : Rs 500/- per participant.
- Lodging and boarding will be provided free of cost by the institute.
- Registration form in the prescribed format along with the registration fee in the form of DD in favor of The

Director, NIT Kurukshetra, payable at SBI, NIT Kurukshetra, should reach the course coordinator on or before the last date.

- Last date for submission of registration form : 20th Dec. 2007.
- Intimation of acceptance : On Or Before 21st Dec. 2007.

Short Term Course
On
Advances in Digital Signal Processing
(Under TEQIP)

(Dec 24- Dec 28, 2007)

Coordinator
Prof. Sandeep Santosh



Department of
Electronics and
Communication
Engineering,
National Institute of
Technology,
Kurukshetra.
Haryana-136119.

REGISTRATION FORM
Short Term Training Programme
(Under TEQIP)

on
Advances in Digital Signal Processing
(Dec 24- Dec 28,2007)
NIT Kurukshetra-136119

- 1.Mr./Ms./Mrs.
2. Designation and Official Address
.....
- 3.Email :
4. Phone : Mob. Ph.off.....Ph.resi.....
5. Educational Qualification and specialization:.....
.....
6. Professional Experience
.....
7. Name of the institution
- 8 Lodging and Boarding required : Yes/No.....

9. Details of registration fee:
- Amount(Rs):
- DD No.....
- Date.....
- Bank.....

Signature of the applicant (with date)

Signature of Head of Dept./instt
(with seal).

