

**Short Term Course**  
**on**  
**Recent Advances in**  
**Signal & Image Processing**

**24<sup>th</sup> - 28<sup>th</sup> JUNE, 2019**



**Organized by**

**Department of Electronics & Communication Engineering**

**JAYPEE UNIVERSITY OF INFORMATION  
TECHNOLOGY, WAKNAGHAT,  
SOLAN (H.P), PIN-173234  
(Near to Shimla)**

**PROGRAMME COMMITTEE**

**CHIEF PATRONS**

- Shri Jaiprakash Gaur Ji, Founder Chairman, Jaypee Group
- Shri Manoj Gaur Ji, Executive Chairman Jaypee Group, and Pro-Chancellor, JUIT, Wagnaghat, H.P.

**PATRONS**

- Prof. Vinod Kumar, Vice Chancellor, JUIT, Wagnaghat, (H.P.)
- Prof. Samir Dev Gupta, Director and Academic Head, JUIT, Wagnaghat, (H.P.)

**PROGRAMME CHAIR**

- Prof. M. J. Nigam,  
Head of the Department, Electronics and Communication Engineering (ECE), JUIT, Wagnaghat, (H.P.)

**COURSE CO-ORDINATORS**

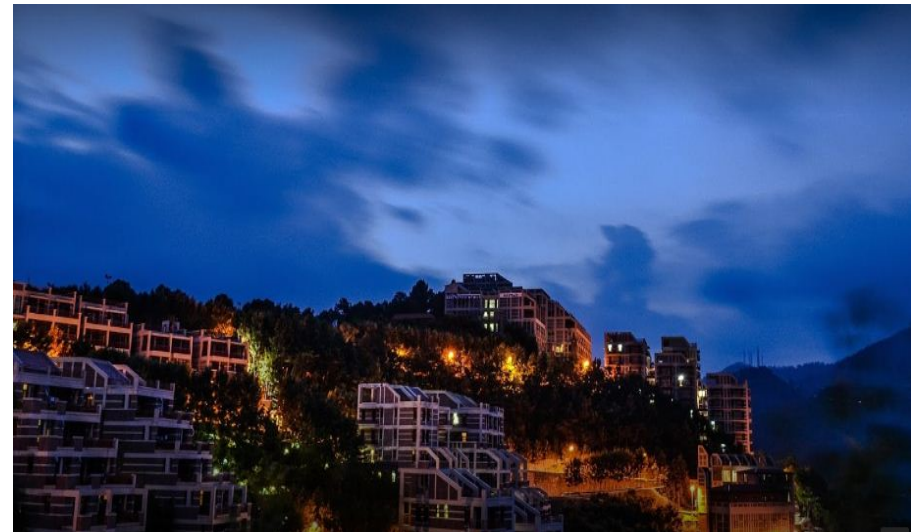
- Dr. Nafis Uddin Khan, Assistant Professor, ECE
- Dr. Sunil Datt Sharma, Assistant Professor, ECE

**CONTACT INFORMATION**

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[sdsharma.juet@rediffmail.com](mailto:sdsharma.juet@rediffmail.com)

## ABOUT UNIVERSITY

Jaypee University of Information Technology (JUIT) was set up by Act No. 14 of 2002 vide Extraordinary Gazette notification of Government of Himachal Pradesh dated May 23, 2002 and it is approved by UGC under section 2(f). The University located in serene, calm and dense forestry surroundings of lower Himalayas near to Shimla and it is governed by non-profit charitable trust of **Jaypee Seva Sansthan**. The University is accredited by NAAC, NBA and its NIRF ranking is among top 100 engineering institutes including IITs, NITs and Central Universities.



## **ABOUT DEPARTMENT**

Department of Electronics and Communication Engineering is providing high quality, self motivated, creative, ethical engineers and technologist contributing effectively to universal science and contemporary education. Department is accredited by NBA and most of the faculty members in the Department are Ph.D degree holders. ECE Department is well equipped with latest laboratories, name of few are Wireless Sensor Network & IOT, Digital Signal Processing, and Embedded Systems & Robotics. Also, it has the latest software of LABVIEW, MATLAB, and VIVADO. Presently, the Department is offering UG, PG, and Ph.D degree programs in Electronics and Communication Engineering with excellent placement records.

## **OBJECTIVE OF THE COURSE**

The short term course has been intended to introduce recent advances in the area of Signal and Image Processing Techniques with their Real Time Applications. The goal of the course is to provide a forum to exchange latest research ideas, and innovations in the field of Signal and Image Processing. This course would surely help and offer opportunities to the new researchers, academicians, and industry professionals to enhance the knowledge and pursue research in this area.

## **TOPICS COVERED**

The following topics would be covered with lab sessions but not limited to

- Statistical Signal Processing

- Image and Video Processing
- Genomics Signal Processing
- Biomedical Signal Processing
- Signal Processing for Machine Learning

## **RESOURCE PERSONS**

Prof. Vinod Kumar (Vice-Chancellor, JUIT, Wagnaghat)

Prof. Rajiv Saxena (Vice-Chancellor, JU, Anoop Shahr)

Prof. Sumantra Dutta Roy (IIT, Delhi)

Prof. Sanjeev Narayan Sharma (SATI, Vidisha)

Dr. Pyari Mohan Pardhan (IIT, Roorkee)

Dr. Meenakshi Rawat (IIT Roorkee)

Dr. Dileep A. D. (IIT Mandi)

## **WHO CAN ATTEND**

Faculty/Research Scholars/Industry Professionals from the field of Electronics & Communication Engineering, Electronics & Instrumentation Engineering, Computer Science Engineering & IT, Electrical Engineering, Biomedical Engineering and Bio-Informatics can attend this course.

## **REGISTRATION FEE**

- Registration fee for the course is INR 3000/- per participant with residential accommodation and INR 2000/- per participant without residential accommodation.
- The registration fee includes breakfast, lunch and dinner for all residential participants and only lunch for non-residential participants. The registration fee also includes tea & snacks and programme kit for all the participants.

## REGISTRATION

- The participants may register through following google link.  
<https://forms.gle/tm6EjKW73hQfTibG7>
- The participants may also register by sending the duly filled registration form through E-mail.
- The registration fee can be remitted through online transfer as per details given below:  
**Bank Name:** Punjab National Bank  
**Branch Address:** Wagnaghat Branch, Jaypee University of Information Technology, Wagnaghat  
**Account No.:** 0427032100000010  
**IFSC Code:** PUNB0637100  
**MICR Code:** 171024077
- The maximum intake for this course is 30 and registration will be confirmed on FIRST-COME-FIRST-SERVE basis.
- If the registration is not confirmed by programme committee, then the registration fee will be refunded.
- There is no refund in case of the cancellation of confirmed registration.
- **The last date for the registration is May 31, 2019.**

## HOW TO REACH

The JUIT Wagnaghat is located 3 kms from National Highway NH-22 (Chandigarh - Kalka - Shimla). The nearest railway stations are Chandigarh and Kalka. The distance from Chandigarh and Kalka is about 90 kms and 75 kms respectively from JUIT. The frequent bus and taxi services are available from Chandigarh and Kalka railway stations to reach JUIT.

## REGISTRATION FORM

### Short Term Course on Recent Advances in Signal & Image Processing

24<sup>th</sup> - 28<sup>th</sup> JUNE, 2019

Name: Mr./Ms./Dr.....

Designation:.....

Organization:.....

**Address for Communication:** . .....

.....

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.....:.....Mob.No.....

E-mail:.....

Mode of Payment (NEFT/RTGS):.....

#### Payment Details:

Reference No. (NEFT/RTGS ).....

Date:.....

Amount:.....

Accommodation required (Yes/No):.....

Signature:.....