

Faculty Development Programme
on
Sensor and Image Processing



Tezpur University



AICTE NEQIP

Department of Electronics and Communication Engineering
Tezpur University, Assam

February 12- 16, 2018



D. Sonowal
Dr. Durlay Sonowal
Assistant Professor
of Electronics and Comm. Engg.
Tezpur University

About Tezpur University

Tezpur University was established by an Act of Parliament in 1994. The objectives of this Central University, as envisaged in the statutes, are that it shall strive to offer employment oriented and interdisciplinary courses to meet the local and regional aspirations and the development needs of the state of Assam and also offer courses and promote research in areas which are of special and direct relevance to the region and in emerging areas in Science and Technology.

About the Department

Established in 1997, the Department of Electronics and Communication Engineering is one of the oldest departments in the University. The department is presently offering B. Tech. in Electronics and Communication Engineering, M. Tech. in Electronics Design and Technology, M. Tech. in Bioelectronics and Ph. D. in different areas including Signal & Image Processing, Bioelectronics, Biosensors, Microwave Engineering, Communication Engineering and Microelectronics.

How to Reach TU

Please find the road routes, train and air connectivity to Tezpur University at www.tezu.ernet.in/visitor/site.htm

About the Workshop

The objective of the proposed faculty development programme (FDP) is to expose the participants to the latest trends in sensor technologies, signal, image and video processing and their applications in various fields.

Venue

Department of ECE, Tezpur University

Important Dates

Last Date for Registration: **23/01/2018**
Notification of confirmation: **30/01/2018**

Resource Persons

Eminent educationists and researchers from reputed institutions/organizations will deliver lectures.

Organizing Committee

Chief Patron

Prof. M. M. Sarma,
Vice Chancellor, Tezpur University

Chairman:

Prof. Satyajib Bhattacharyya,
Head, Department, Department of ECE

Advisory Members:

Prof. Charu Lata Mahanta
Dean, School of Engineering, Tezpur University

Coordinators:

Dr. Deepika Hazarika
Department of ECE

Dr. Riku Chutia
Department of ECE

Dr. Durlav Sonowal
Department of ECE

Accommodation

Accommodation for limited number of participants will be arranged in the Hostels/Guest House (subject to availability) on first come first served basis at applicable rates to be paid the participants. No TA/DA will be provided to the participants.

Who Can Participate

Faculty members from recognized Colleges/ Institutions/ Universities with teaching and research interests are eligible to apply for the programme. Limited seats are available and selection will be based on First Come First Served basis

How to Apply

Application fee: Rs. 500/- (non refundable)

A DD of Rs. 500/- should be drawn in favor of **Registrar, Tezpur University**, payable at State Bank of India, Tezpur University Branch (**Branch Code : 14259**).

Participants are required to send scan copies of the application form and DD to the following email address on or before 23/01/2018 - dsn@tezu.ernet.in

Hard copies of the application form and the DD are to be submitted at time of registration.

Durlav Sonowal
Dr. Durlav Sonowal
Asst. Prof. Professor
Deptt. of Electronics and Comm. Engg.
Tezpur University

Application Form
Faculty Development Programme on
Sensor and Image Processing

Department of Electronics and Communication Engineering, Tezpur University

Personal Details

Name: Dr./Mr./Mrs./Ms. _____

Designation: _____

University/Organization: _____

Department: _____

Address: _____

_____ Email _____

Mobile: _____ WhatsApp No. (if any) _____

Highest Academic Qualification: _____

Teaching Experience (in years): _____

Accommodation required (Y/N): _____

Bank Draft Details

Name of the bank: _____ DD. No and date: _____

Declaration by the Applicant

The above information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing AICTE - FDP programme. I shall attend the programme for the entire duration.

Date: _____

Signature of the participant

Recommendation

This is to certify that Dr./Mr./Mrs./Ms. _____ an employee of our institute/ department is hereby permitted to attend the FDP on "Sensor and Image Processing" at Tezpur University, during February 12- 16, 2018, if selected.

Date: _____

Signature of the Recommending Authority

Designation

Official Seal

Dr. Durlav Sonowal
Dr. Durlav Sonowal
Assistant Professor
Deptt. of Electronics and Comm. Engg.
Tezpur University

Contacts

Dr. Deepika Hazarika
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Dr. Riku Chutia
Ph: 03712275260
Email: riku@tezu.ernet.in

Dr. Durlav Sonowal
Ph: 03712275267
Email: dsn@tezu.ernet.in

Website
<http://www.tezu.ernet.in/delect/>

Important Dates

Last Date for Registration: **23rd January, 2018**
Notification of confirmation: **30th January, 2018**



**Department of Electronics and Communication Engineering
Tezpur University**


Report on Faculty Development Programme on Sensor and Image Processing

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| 1. Name of the training programme: Faculty Development Programme on Sensor and Image Processing |
| 2. rganizing Department/ Section: Electronics and Communication Engineering, Tezpur University |
| 3. Duration: 12/02/2018 to 16/02/2018 |
| 4. Venue of training: Department of Electronics and Communication Engineering |
| 5. No. of Participants: 24 |
| 6. Name of Resource Persons: <ol style="list-style-type: none">1. Prof. Samarendra Dandapat, IITG2. Dr. M. K. Bhuyan, IITG3. Prof. T. Bezboruah, Gauhati University4. Prof. P. K. Bora, IITG5. Prof. D. K. Bhattacharyya, Tezpur University6. Prof. M. Bhuyan, Tezpur University7. Prof. J. C. Dutta, Tezpur University8. Prof. P. P. Sahu, Tezpur University9. Dr. V. K. Nath, Tezpur University10. Dr. S. Sarmah, Tezpur University |
| 7. Key highlights of the training programme: Discussions on the following topics are highlighted in the faculty development programme <ol style="list-style-type: none">1. Technology-led Innovation to Address India's Challenges2. Some aspects of fiber optics sensors for measurement of physical parameters3. Image Forensics4. Assessment of Human Health from Speech Signal5. Sensor for Food Quality Measurement6. Evaluation of Diagnostic Information in an ECG signal7. Computer Vision and Its Applications8. Electronic Nose9. CNT based FET devices for Clinical Applications: CNT-BioFETs |


Durlav Sonowal
Assistant Professor
Deptt. of Electronics and Comm. Engg.
Tezpur University

FDP on sensor and image processing under AICTE-NEQIP Scheme

| Name | Dept | Organization | Address | Accommodation | Gender |
|------------------------------------|---------|---------------------------|-------------------|---------------|--------|
| 1 Rajkumar Joydev Borah | EE | GIMT Tezpur | Sonitpur, Assam | No | Male |
| 2 Dr. Bidyut Deka | Physics | GIMT Tezpur | Sonitpur, Assam | No | Male |
| 3 Dr. Aradhana Dutta | Physics | Kaliabar College | Nagaon, Assam | No | Female |
| 4 Maibam Sanju Meetei | ECE | Rajiv Gandhi University | Arunachal Pradesh | Yes | Male |
| 5 Sharanga Pulak Dolakashoria | Physics | Jagannath Barooah College | Jorhat, Assam | Yes | Male |
| 6 Gurumayum Michael | ECE | Dibrugarh University | Dibrugarh, Assam | Yes | Male |
| 7 Prof. Nidhi Saxena Bhattacharyya | Physics | Tezpur University | Sonitpur, Assam | No | Female |
| 8 Shobhanjana Kalita | CSE | Tezpur University | Sonitpur, Assam | No | Female |
| 9 Dr. Md. Rahat Mahboob | EE | Tezpur University | Sonitpur, Assam | No | Male |
| 10 Manashita Borah | EE | Tezpur University | Sonitpur, Assam | No | Female |
| 11 Barnam Jyoti Saharia | EE | Tezpur University | Sonitpur, Assam | No | Male |
| 12 Dr. Debojit Boro | EE | Tezpur University | Sonitpur, Assam | No | Male |
| 13 Dr. Ratul Kumar Baruah | ECE | Tezpur University | Sonitpur, Assam | No | Male |
| 14 Dr. Bhabesh Deka | ECE | Tezpur University | Sonitpur, Assam | No | Male |
| 15 Dr. Soumik Roy | ECE | Tezpur University | Sonitpur, Assam | No | Male |
| 16 Dr. Santanu Maity | ECE | Tezpur University | Sonitpur, Assam | No | Male |
| 17 Priyanka Kakoty | ECE | Tezpur University | Sonitpur, Assam | No | Male |
| 18 Dr. Biplob Mondal | ECE | Tezpur University | Sonitpur, Assam | No | Female |
| 19 Ananya Bonjyotsna | ECE | Tezpur University | Sonitpur, Assam | No | Male |
| 20 Dr. Rosy Sarmah | CSE | Tezpur University | Sonitpur, Assam | No | Female |
| 21 Dr. Sanjiv Kumar Deka | CSE | Tezpur University | Sonitpur, Assam | No | Female |
| 22 Sanghamitra Nath | CSE | Tezpur University | Sonitpur, Assam | No | Male |
| 23 Angshuman Sharma | EE | Tezpur University | Sonitpur, Assam | No | Female |
| 24 Partha Bortiamuly | EE | GIMT Tezpur | Sonitpur, Assam | No | Male |


Dr. Partha Bortiamuly
 Assistant Professor
 Dept. of Electronics and Comm. Engg.
 Tezpur University