



Department of Electrical Engineering

**Report:**  
**Faculty Development Programme**  
**“Recent Advancement in Electrical Engineering”**

The department of Electrical Engineering organizes a one-week Faculty Development Programme (FDP) on “Recent Advancement in Electrical Engineering” under AICTE during 29<sup>th</sup> Jan to 2<sup>nd</sup> Feb 2018. The programme was inaugurated by the acting Vice Chancellor, **Prof. M. M Sharma** in the presence of **Prof. D. K Bhattacharya** (Dean Academic Affair), **Prof, C. L Mahanta** (Dean School of Engineering,) and other Engineering faculties & Student.

Ten eminent experts from prestigious institute, industry were invited to share their wisdom and vast experience on the topic. The five-day exhaustive programme accumulates eighteen sessions, each session is of 90 minutes duration. It also contains two hands-on sessions. The key speaker for Day-1 (D1) was Dr. P. Tripathy, Associate Prof at IIT Guwahati, in the topic of “Wide Area Monitoring and its application to Power System” followed by Prof. P. P Sahu, T.U on “Sensor for Quality Monitoring”. The Day-2 contains four sessions engaged by Prof. M. K Bhuyan, IIT Guwahati, Prof. M. Bhuyan and Dr. S. Sharma, T.U. Day-3 was taken by Mr. Bimal Borah, M.D, SLDC, Kahilipara, Assam and Dr. Shantanu Sharma, T.U. Day-4 was of Dr. Shabari Nath, Associate Professor, IIT Guwahati, and hands-on in e-mobility lab. The Last Day was occupied by the Prof. C. Mahanta, IIT Guwahati and Prof. J. C. Dutta followed by Valedictory ceremony and certificate distribution. A total of 19 participant had registered and 18 successfully completed the programme.

Dr. Md Rahat Mahboob  
Coordinator FDP

HoD/EE

Head  
Department of Electrical Engg.  
Tezpur University

## FDP Programme Schedule from 29<sup>th</sup> Jan to 2<sup>nd</sup> Feb

### Department of Electrical Engg, TU

	10:00 AM -11:30 AM	12.00 -1:30 PM		2:30 PM – 4:00 PM		4:15 PM-5:35PM
D1 29-01-18	Inauguration  <b>Registration from 9.30 AM</b>	Wide Area Monitoring and its Application to Power Systems  <b>(Dr. P. Tripathy IITG)</b>	<b>Lunch Break</b>	Wide Area Monitoring and its Application to Power Systems  <b>(Dr. P. Tripathy IITG)</b>	<b>Tea break</b>	Sensor for quality monitoring  <b>Prof. P.P.Sahu, TU</b>
D2 30-01-18	Interdisciplinary Approach in Engg  <b>Prof. Manabendra Bhuyan, TU</b>	Electric Vehicles and Hybrid Electric vehicle: An Introductory Perspective  <b>Dr. Santanu Sharma, TU</b>		Mathematical Approach for Electrical Engineering  <b>(Dr. M.K.Bhuyan IITG)</b>		Mathematical Approach for Electrical Engineering  <b>(Dr. M.K.Bhuyan IITG)</b>
D3 31-01-18	Mathematical Approach for Electrical Engineering  <b>(Dr. M.K.Bhuyan IITG)</b>	Extra High voltage Grid equipment: A practical approach for skill development  <b>(Bimal Borah ASEB)</b>		Extra High voltage Grid equipment: A practical approach for skill development  <b>(Bimal Borah ASEB)</b>		Electric vehicles: Design Perspective  <b>Dr. Santanu Sharma, TU</b>
D4 01-02-18	Application of Power electronics in Renewable Energy systems  <b>(Dr. S. Nath, IITG)</b>	Application of Power electronics in Renewable Energy systems  <b>(Dr. S. Nath, IITG)</b>		Lab  <b>Dr. Santanu Sharma, TU</b>		Lab  <b>Dr. Santanu Sharma, TU</b>
D5 02-02-18	Designing Robust Controllers for Uncertain Systems  <b>(Prof. C. Mahanta, IITG)</b>	Designing Robust Controllers for Uncertain Systems  <b>(Prof. C. Mahanta, IITG)</b>		CNTFET with high-κ dielectric material: A route to device Miniaturization  <b>Prof. J.C.Dutta, TU</b>		Valedictory ceremony



तेजपुर विश्वविद्यालय

(केंद्रीय विश्वविद्यालय)

नपाम, तेजपुर - 784 028, असम, भारत


TEZPUR UNIVERSITY

( A Central University)

Napam, Tezpur - 784 028, Assam, India

FACULTY DEVELOPMENT PROGRAMME ON  
"RECENT ADVANCEMENT IN ELECTRICAL ENGINEERING"  
29<sup>th</sup> January-2<sup>nd</sup> February 2018

SL NO.	NAME	INSTITUTE NAME
1	Ms. Bandita Baruah	DUIET, Dibrugarh
2	Ms. Somila Hashunao	NERIST,A.P
3	Dr. Bhabesh Deka	ECE, Tezpur University
4	Ms.Priyanka Kakoty	ECE, Tezpur University
5	Dr.Deepika Hazarika	ECE, Tezpur University
6	Dr. Vijay Kumar Nath	ECE, Tezpur University
7	Dr. Md Rahat Mahboob	EE, Tezpur University
8	Ms. Manashita Borah	EE, Tezpur University
9	Ms.Ananya Bonjyotsna	ECE, Tezpur University
10	Mr. Barnam Jyoti Saharia	EE, Tezpur University
11	Dr.Soumik Roy	ECE, Tezpur University
12	Mr. Angshuman Sharma	EE, Tezpur University
13	Dr. Kaveri Bhuyan	EE, Tezpur University
14	Dr. Vikas Varma	Energy, Tezpur University
15	Dr. Biraj Kumar Kakati	Energy, Tezpur University
16	Dr. Nabin Sarmah	Energy, Tezpur University
17	Dr. Pronob Jyoti Saikia	J.B.College
18	Dr. Santanu Maity	ECE, Tezpur University
19	Dr. Biplob Mondal	ECE, Tezpur University

  
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