



**AICTE SPONSORED  
FACULTY DEVELOPMENT PROGRAMME  
ON  
ALGORITHMS IN APPLICATIONS**



December 26 - 30, 2017

Organized by:  
Department of Computer Science and Engineering  
Tezpur University, Napaam, Assam-784028

**ABOUT THE PROGRAMME**

*The one week faculty development program (FDP) on Algorithms in Applications is designed to dissipate knowledge on various aspects of algorithms and its applications in today's world. It is anticipated that the participants would gain far reaching insights and enrich their knowledge in this field. The FDP, supported by AICTE-NEQIP, is planned keeping in view a wide range of topics of current teaching, research and innovation trends which will cater to a wide array of domains which require algorithms at its base.*

**AREA OF FOCUS**

- *Distributed Algorithms*
- *Multi Objective Algorithms*
- *Computational Geometry Algorithms*
- *Network Security Algorithms*
- *Artificial Neural Networks*
- *Computer Vision & Image Processing*
- *IOT & Enterprise*
- *Sensor Networks*
- *Pattern Recognition*
- *Machine Intelligence*

**RESOURCE PERSON**

*Eminent experts and researchers from University of Colorado (Colorado Springs, USA), IITG, ISI and TU will deliver lectures and engage in interactions.*

**ADMISSION ELIGIBILITY**

*Faculty members from various government or private Engineering Colleges/ Institutions/ Universities with teaching and research interests in the area of algorithms, or working professionals from industry/ R&D organizations with any of the above specializations, are invited to participate.*

**VENUE**

*Seminar Hall, Dept. of Computer Science & Engineering,  
Tezpur University, Tezpur, Assam.*

**ORGANIZING COMMITTEE**

*PATRON*

*Prof. M. M. Sarma, Vice Chancellor, TU*

*ADVISORS*

*Prof. D. K. Bhattacharyya, Dean, Academic Affairs*

*Prof. C. L. Mahanta, Dean, School of Engineering*

*Prof. N. Sarma, Head, CSE, TU*

*Prof. D.K. Saikia, CSE, TU*

*Prof. U. Sharma, CSE, TU*

*Prof. S.K. Sinha, CSE, TU*

*Prof. B. Bora, CSE, TU*

*Dr. S. Saharia, Head, Computer Centre, TU*

*COORDINATORS*

*Dr. Debojit Boro, Assistant Professor, CSE, TU*

*Dr. Rosy Sarmah, Assistant Professor, CSE, TU*

*Ms. Shobhanjana Kalita, Assistant Professor, CSE, TU*

*Phone: 03712 - 275118 / 275113/5123*

*E-mail: fdpcse@tezu.ernet.in*

**IMPORTANT DATES**

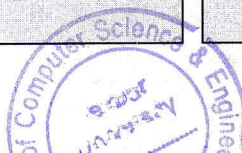
*Deadlines:*

*Expression of interest: 30/11/2017*

*Selected participant list: 05/12/2017*

*Submission of registration form: 15/12/2017*

*Programme dates: 26/12/17 - 30/12/17*



*Borah  
08/02/2017  
Head  
of Science & Engg*

## 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.*

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

*The Department of Computer Science and Engineering came into being in 2006. The department strives to impart quality technical knowledge and skills in the field of Computer Science and Computer Application, and also aims to contribute towards research in the field of Computer Science & Information Technology, to fulfill the increasing demand for highly qualified manpower in the field for Industries as well as academic institutions. The programmes currently offered under this department are B. Tech in Computer Science & Engineering, MCA, M. Tech in Information Technology, and PhD in Computer Science and Engineering. The Department envisions to be a dedicated centre of learning and research in Computer Science & Engineering for creating competent professionals capable of taking leading roles in industry, academia, entrepreneurship and application.*

*The Department of CSE is accredited by National Board of Accreditation for B.Tech (CSE) and has been nominated by UGC as a Participant of BRICS Network University. It has been selected for setting up MHRD's Centre of Excellence based on Machine Learning and Big Data Analysis, for the period 2014-2019. It has also been selected for UGC SAP DRS-II in the area of Big Data Analytics- Bioinformatics, Network Security and Robotics for the period 2015-2020. A High Performance Computing Centre has been established at the department in June 2015 to provide high end computing facility to the scientific researchers of North-East region. The department was awarded DST-UKIERI Project on 'BCI as an Intelligent Sensor: BCI Integrated Collaborative Control of a Cognitively Enhanced Smart Wheelchair' in collaboration with University of Essex, United Kingdom, for the period 2014-2016.*

## SELECTION AND REGISTRATION

*The number of participants is limited to 50. The registration fee is Rs. 500/- (five hundred only) for faculties of Universities, Colleges and R&D institutions. For working professionals from Industries or other organizations the registration fee is Rs. 1000/- (One thousand only). The interested participants should send a mail expressing their interest to [fdpcse@tezu.ernet.in](mailto:fdpcse@tezu.ernet.in) on or before 30/11/2017. The selected participants will be intimated through email by 05/12/2017. Selected participants should send the scanned copy of the duly filled registration form and the demand draft on or before 15/12/2017 to [fdpcse@tezu.ernet.in](mailto:fdpcse@tezu.ernet.in).*

*Once selected, participants should send a mail regarding their accommodation preference (university hostels/guest house). For hostel accommodation no charges will be levied. Guest house accommodation is subject to availability and charges have to be borne by the participants. No TA/DA will be provided to the participants.*

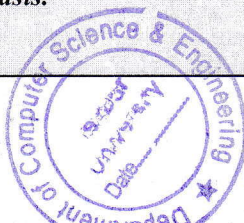
*All mails should be directed to [fdpcse@tezu.ernet.in](mailto:fdpcse@tezu.ernet.in).*

## ACCOMODATION

*Accommodation for participants is limited and will be provided subject to prior intimation via mail and on a first-come-first-serve basis.*

## HOW TO REACH

*Regular bus services are available from Guwahati (ISBT) to Tezpur ASTC Bus Station via Nagaon or Mangaldai. To reach Tezpur University, University Bus Services are available from Tezpur ASTC Bus Station via Paruwa to University Campus.*



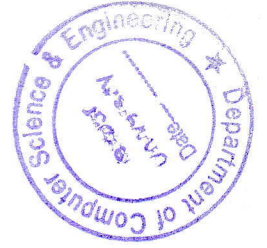
*B. Borah  
08/02/2022  
Head  
Department of Computer Science & Engg  
Tezpur University*

**Schedule for the Faculty Development Programme on Algorithms in Applications**  
**26-30 December 2017**

Date	09:00-09:30	9:30-11:00	11:00-		11:15-		11:30-		13:00-		14:00-		15:30-		15:45-		16:00-	
			11:15	11:30	13:00	14:00	15:30	15:45	16:00	17:00								
26-12-17	Registration	Inauguration & Talk (DKB)	Interaction	Tea	Talk (AK)	Lunch	Talk (NS)	Interaction	Tea	Lab/Talk								
27-12-17		Talk (DKS)	Interaction	Tea	Talk (JK)	Lunch	Talk (SM)	Interaction	Tea	Lab/Talk								
28-12-17		Talk (SMH)	Interaction	Tea	Talk (DG)	Lunch	Talk (SM)	Interaction	Tea	Talk (AB)								
29-12-17		Talk (PSM)	Interaction	Tea	Talk (SD)	Lunch	Talk (PB)	Interaction	Tea	Talk (BN)								
30-12-17		Talk (DD)	Interaction	Tea	Talk (US)	Lunch	Talk (SS)	Interaction	Tea	Closing Ceremony								

1 ✓	DKB	Prof. D K Bhattacharya
1 ✓	AK	Dr. Arindam Karmakar
1 ✓	NS	Prof. Nityananda Sharma
1 ✓	DKS	Prof. D K Saikia
3 ✓	JK	Prof. Jugal Kalita
6 ✓	SM	Dr. Sanjit Maitra
3 ✓	SMH	Prof. Shyamanta M Hazarika
3 ✓	DG	Prof. Diganta Goswami

3 ✓	PSM	Dr. Partha Sarathi Mandal
3 ✓	SD	Prof. Sandip Das
3 ✓	PB	Dr. Pritha Banerjee
3 ✓	AB	Dr. Arijit Bishnu
1 ✓	DD	Prof. Dilip Dutta
1 ✓	US	Prof. Utpal Sharma
1 ✓	SS	Dr. Sarat Saharia
1 ✓	BN	Dr. Bhabesh Nath



*Prasanna Kumar*

*Prasanna Kumar*  
 08/02/2022  
 Head  
 Department of Computer Science & Engineering  
 Assam University, Jorhat

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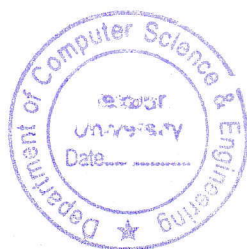
**December 26-30, 2017**

Organized By:

Deptt. of Computer Sc. & Engineering , Tezpur University

**List of Resource Person:**

<b>Name</b>	<b>Affiliation</b>
Prof. Dhruba Kr. Bhattacharyya	Tezpur University
Dr. Arindam Karmakar	Tezpur University
Prof. Dilip Kr. Saikia	Tezpur University
Prof. Jugal Kalita	University of Colorado, Colorado Springs
Dr. Sanjit Maitra	ISI North East Centre
Prof. Shyamanta M. Hazarika	IIT Guwahati
Prof. Diganta Goswami	IIT Guwahati
Dr. Partha Sarathi Mandal	IIT Guwahati
Prof. Sandip Das	ISI ACM Unit Kolkata
Dr. Pritha Banerjee	Calcutta University
Dr. Arijit Bishnu	ISI ACM Unit Kolkata
Prof. Dilip Datta	Tezpur University
Prof. Utpal Sharma	Tezpur University
Dr. Sarat Saharia	Tezpur University
Prof. Nityananda Sarma	Tezpur University
Dr. Bhabesh Nath	Tezpur University



*R. Boruah*  
68/07/2022  
Head  
Department of Computer Science & Engg  
Tezpur University



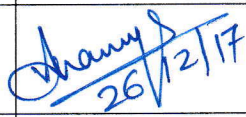
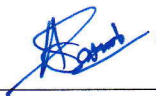
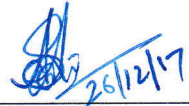

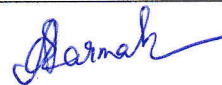

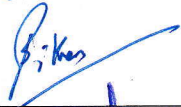
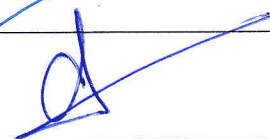
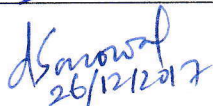

Attendance List  
AICTE-NEQIP Sponsored  
Faculty Development Programme



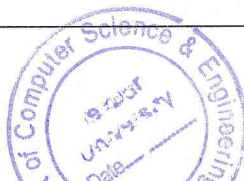
Department of Computer Science and Engineering, Tezpur University, Assam

26-30 December, 2017

Day 1 (26/12/2017): Forenoon

S. No.	Name of the participant	Affiliated Institute	Signature
1	Alak Roy	Tripura University	
2	Ananya Bonjyostna	TU	 26/12/17
3	Anil Kumar Singh	Ewing Christian College, Allahabad	
4	Ankumon Sarmah	DU	
5	Arindom Ain	GIMT, Guwahati	 26/12/17
6	Arup Bhattacharjee	NIT Silchar	 26/12/17
7	Arup Sarmah	Pub Kamrup College	
8	Barnam Jyoti Saharia	TU	
9	Bikram Pratim Bhuyan	KU	
10	Chandan Jyoti Kumar	Cotton University	
11	Durlav Sonowal	TU	 26/12/2017
12	Jeetumoni Barman	GIMT, Guwahati	 26/12/2017
13	Jyotismita Talukdar	UTM, Shillong	

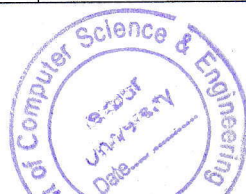




  
08/02/2022  
Head of Computer Science & Engg  
Tezpur University

14	Loitongbam Basantakumar Singh	TU	
15	Monmayuri Baruah	JEC	<i>Monmayuri Baruah</i> 26/12/17.
16	Monoj Kumar Muchahari	KU	<i>Monoj</i> 26/12/17.
17	Mriganka Sarmah	Assam Down Town Uni	
18	Nazreena Rahman	KU	<i>Nazreena Rahman</i> 26/12/17
19	Nabajyoti Medhi	TU	<i>N</i> 26/12/17
20	Pallavi Baruah Guha	AIMT	<i>Pallavi Baruah Guha</i> 26/12/2017
21	Parismita Sarma	GUIST	<i>P</i> 26/12/2017
22	Prasanta Bairagi <i>Prasanta Pratim Bairagi</i>	Assam Down Town Uni	<i>Bairagi</i> 26/12/17
23	Rahul Lahkar	Pub Kamrup College	
24	Rupjyoti Baruah	Jorhat Engg. College	<i>R Baruah</i> /26/12/17
25	S. Ibotombi Singh	TU	<i>S</i> 26/12/17
26	Sanjib Kumar Deka	TU	<i>Sanjib</i>
27	Sanghamitra Nath	TU	<i>S</i> 26/12/17.
28	Siddhartha Adhapok	Majuli College	<i>S</i> 26/12/17
29	Sauravjyoti Sarmah	JEC	<i>Sauravjyoti</i>

*Sauravjyoti*

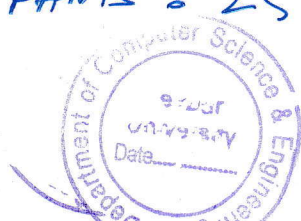


*Sauravjyoti*  
08/02/2022  
HOBB  
Department of Computer Science & Engg  
Assam University

30	Swarnajyoti Patra	TU	<i>Patra</i>
31	ARINDAM KARMAKAR	TU	
32			
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TOTAL PARTICIPANTS : 25

*Rasman*

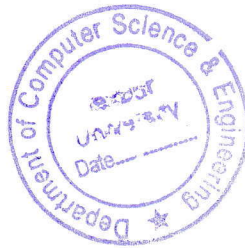


*R. Borah*  
68/02/2022  
Head  
Department of Computer Science & Engg  
Tazpur University

Photograph of FDP on Algorithms in Applications



Photo1: Participants and resource persons



*B Borah*  
08/02/2022  
Head  
Department of Computer Science & Engg  
Tezpur University