



**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 disseminate 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*
- *Randomized Algorithms*
- *Computational Geometry Algorithms*
- *Network Security Algorithms*
- *Computer Vision & Image Processing*
- *IOT & Enterprise*
- *Sensor Networks*
- *Pattern Recognition*
- *Machine Intelligence*

**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: fdpce@tezu.ernet.in*

**RESOURCE PERSON**

*Eminent experts and researchers from IITG, IIITG, 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.*

**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*

## 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.*



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**ON**  
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**DECEMBER 26 - 30, 2017**

**REGISTRATION FORM**

Name: Dr/Mr./Ms. \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Qualification (Degree / Specialization) : \_\_\_\_\_

Institution Name: \_\_\_\_\_

Years of Teaching Experience: \_\_\_\_\_

Is the Institution approved by AICTE? :      Yes / No      Accommodation required ? :      Yes / No

Address for communication: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_      Mobile: \_\_\_\_\_

E-mail (mandatory): \_\_\_\_\_

**PAYMENT DETAILS:**

Bank:

Demand Draft No.:

Place:

Date:

Signature of the applicant

**Recommendation**

*Dr./Mr./Mrs.-----, an employee of our institute/ department is hereby allowed to attend the FDP on "Algorithms in Applications" at Tezpur University, during 26<sup>th</sup> Dec -30<sup>th</sup> Dec, 2017.*

Date:

*Signature of the Recommending Authority*

*Designation:*

*Office Seal:*

**DECLARATION BY THE APPLICANT**

The above mentioned 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.

Signature of the applicant