

Machine learning in R & Python

A FIVE-DAY NATIONAL WORKSHOP

18th to 22nd of December, 2018

Organized by:



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

Sponsored by:



Department of Electronics and IT
Ministry of Communications & Information Technology
Government of India

&

Ministry of Human Resource and Development

About The Workshop

The five day national workshop on **Machine learning in R & Python** is designed to dissipate knowledge on various aspects of machine learning and its application development using R and python programming. It is anticipated that the participants would gain far reaching insights and enrich their knowledge in this field. The workshop 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 requiring programming at its base.

Area of Focus

- Facing the problems
- Problem solving approaches
- Principles of programming
- Basic R & Python programming with exposure to the following applications:
 - Machine learning
 - Big Data Handling
 - Database handling
 - Computational biology
 - Image processing
 - Tool development

Organizing Committee

Patron

Prof. V.K. Jain, Vice Chancellor, TU

Advisors

Prof. D.K. Saikia, Pro-Vice Chancellor, TU

Prof. D. K. Bhattacharyya, Dean Academic Affairs

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

Prof. N. Sarma, Head, CSE, TU

Coordinators

Dr. Rosy Sarmah, CSE, TU

Dr. Sanghamitra Nath, CSE, TU

Dr. Nazrul Hoque, CSE, TU

Venue

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

Important Dates

Deadlines:

Expression of interest: 30/11/2018.

Selected participant list: 05/12/2018

Submission of registration form: 15/12/2018

Program dates: 18/12/18 to 22/12/18

Eligibility

Students and faculties of all branches of the school of engineering and sciences are eligible.

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.

The **Department of Computer Science**, established in 1994, and the Department of Information Technology, established in 1997, merged and over time transformed into the Department of Computer Science and Engineering 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 being 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 in 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 was 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.

Registration

Seats are limited and the participants will be chosen on a first-come-first-serve basis. The registration fee is Rs. 500/- (Five Hundred only). The registration fee includes participation in the workshop, lunch, tea, and participation certificate. Accommodation of participants will have to be managed on their own. The interested participants should send a mail expressing their interest to workshopcse@tezu.ernet.in. on or before 30/11/2018 mentioning clearly his/her educational qualification and subject area. The selected participants list will be uploaded in the Tezpur University website by 05/12/2018. Selected participants should send the scanned copy of the duly filled registration form and the demand draft on or before 15/12/2018 to workshopcse@tezu.ernet.in.

Awards

Three awards will be presented based on the performance of the participants.

- Best innovative question.
- Best Programmer of the workshop.
- Quiz Champion of the day.

Contact

All mails should be directed to workshopcse@tezu.ernet.in.

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REGISTRATION FORM

Name: Dr/Mr./Ms. _____

Designation: _____

Department: _____

Institution Name: _____

Qualification (Degree / Specialization) : _____

Years of Teaching Experience: _____

Semester Number (for Students): _____

Address for communication: _____

Phone: _____ Mobile: _____

E-mail (mandatory): _____

Signature of the applicant:

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 the workshop. I shall attend the programme for the entire duration.

Signature of the applicant

Recommendation

Dr./Mr./Mrs.-----, a student/an employee of our department is hereby allowed to attend the five-day workshop on “Machine learning in R & Python” at Tezpur University, during 18th Dec -22th Dec, 2018.

Date:

Signature of the Recommending Authority

Designation:

Office Seal: