

About the FDP

Gujarat Technological University in association with Vodafone India Foundation is organizing the workshop on Linux Kernel and Applications. The objective of the workshop is to provide hands-on training to faculty members of university in using open source platform like Linux for Data Analytics and Machine Learning.

At the end of the program participants will be able to Become proficient with Python programming and use it to develop applications

Use data analytics tools and technologies with ease.

- Utilize open-source, powerful machine learning, deep learning libraries.
- Equip themselves with knowledge in areas of Data Analytics and Machine Learning

About the GTU- Graduate School of Engineering and Technology

In the year of 2017, GTU has started AICTE approved PG course, ME in Computer discipline (specialization in Cyber Security) and in the year of 2018, another PG course, Master of Engineering in Electronics and Communication discipline (specialization in Mobile Communication and Network Technology) has been started. Both these courses run under GTU-Graduate School of Engineering and Technology (GTU-GSET) with the vision of providing excellent technical knowledge and preparing competent man-power in the respective specialization.

Following are salient features of the courses run under GTU-GSET:

- Courses run by state government university (GTU).
- Admission through ACPC.
- Courses run in academic campus of GTU located in Gandhinagar.
- Courses guided and acknowledged by senior academicians and industry experts in capacity of advisors.
- Chance for students to showcase their talent by arranging student led programs.
- Easy access to conferences and workshops organized by GTU in campus itself, elsewhere in India and abroad.
- Live research projects proposed by regulatory bodies and industries.
- 100% Placement possibilities.
- Guest lectures by various industry experts and academicians.
- Excellent digital and physical library facility.
- Hostel facility is available for boys and girls.

About the GTU

Gujarat Technological University (GTU) is the largest government university in Gujarat, catering to the fields of Engineering, Business Management, Computer Science, Pharmacy and Architecture. GTU is having a pool of more than 5,00,000 students and 18,000 professors teaching in more than 500 affiliated colleges/institutes across the state of Gujarat.

GTU has initiated number of innovative policies and it has put in place systems to develop GTU into a great university. Today GTU is considered as the benchmark among the technological universities of India. Its industry-oriented academic programs and its efforts for establishing and maintaining an active relationship with industries and businesses through GTU Innovation Council has been recognized as the most successful effort in the country.

GTU has established fourteen Post-graduate Research Centres, including the Centre for Infrastructure, Transport and Water Management, Centre for Environmental and Green Technologies and Centre for Environment and Energy Efficiency. The Innovation Council of GTU is well known in the country for its initiatives in grass root innovation work by the engineering students for solving problems of SME industrial units located throughout Gujarat. Intensive innovation efforts resulted in many patentable outcomes. GTU's Policy Documents for Student Start-up Development and for Skill Development Mission are being used by universities all over India.



Gujarat Technological University
Graduate School of Engineering and Technology
& PG Research Centre for Cyber Security

Faculty Development Program on
Application of Linux
Fundamentals in building Data
Analytics and Machine
Learning

8th July 2019 to 12th July 2019



Under Information Security Education and
Awareness (ISEA) Project Phase II

In association with



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GUJARAT TECHNOLOGICAL UNIVERSITY
Chandkheda Campus, Nr. Vishwakarma
Government Engineering College,
Visat - Gandhinagar Highway, Chandkheda,
Ahmedabad - 382424 - Gujarat.
Www.gtu.ac.in

About the Vodafone India Foundation

Over the last 25 years, Vodafone India Foundation network has focused on combining Vodafone's expertise with the company's charitable giving to do social good in the world. As Vodafone's reach continues to expand - moving from mobile to connectivity - there are greater opportunities for Vodafone India Foundation to harness these advancements for the benefit of society.

In India, Vodafone India Foundation focusses on addressing challenges relating to education, equality and access. We are committed to enable people and technology to drive innovation, disseminate knowledge, and create shared value to improve lives. We work in partnership with key charities, development agencies and the community to drive social change on a large scale in India.

Topics

- Understanding the process to build, configure and install custom Linux kernels
- Real World Applications on Data Analytics - Flight Radar24, Google Trends, etc.
- Basics Python programming Syntax
- Data Analytics Tools (Numpy, Pandas)
- Data Analytics Tools (Matplotlib)
- Machine Learning - Fundamentals, Types
- Real World Applications on Machine Learning - Alexa Chatbot, Object Identification
- Getting started with Scikit-Learn, ML Models Evaluation Metrics
- Machine learning Models- Regression
- Machine Learning Algorithms with Case Study- Recommender Systems

Who can attend?

- Faculty members of Degree/Diploma level engineering colleges/universities recognized by AICTE/UGC and from following disciplines: Computer Engineering, Computer Science and Engineering, Computer Technology, Information Technology, Information & Communication Technology and Electronics & Communication.
- Faculty members of MCA/BCA colleges/university departments running MCA/BCA course recognized by AICTE/UGC.

Important Dates:

Event On: 8th to 12th July 2019

Last Date of Registration Extended :3rd July 2019

Notification of Acceptance: 4th July 2019

Registration and Guidelines

Registration Fee

Faculty Members/Academician: Rs. 500/-

Industry Delegate: Rs. 1,000/-

Registration fee will includes registration kit, breakfast, lunch and study material.

FEES SHALL NOT BE REFUNDED or TRANSFERRED IN ANY CASE.

Online Payment Process:

All payment must be made online using given link:

<https://www.onlinesbi.com/prelogin/institutiontypedisplay.htm>

Step 1: State of Corporate/Institution: Gujarat

Step 2: Type of Corporate/Institution: Educational Institutions

Step 3: Educational Institutions Name: GUJARAT TECHNOLOGICAL UNIVERSITY

Step 4: Select Payment Category: Registration Fees for Conference

Step 5: FDP Name: GTU-FDP 2019

Step 6: Fill in your personal details and select the mode of payment

Step 7: At the end, collect the Payment Ref. No. starting with DU".

Step 8: Using Payment Ref. No. fill in the online Delegate Registration Form.

Step 9: Save your payment receipt and mail it to ap1_mcwt@gtu.edu.in

For instructions and query related to online payment, kindly refer:

<http://www.gtu.ac.in/ImpCircular/SBIPayment%20Instructions.pdf>

Registration Guideline:

Kindly make sure to keep Payment Ref. No. with you while registering.

Kindly visit following link to register yourself for the FDP: <https://forms.gle/9VnM6NYt9yQn2D1HA>

- Limited Seats available and confirmation will be done on first-cum-first serve basis
- Participants have to carry their ID card.

Management Committee

Chief Patron

Prof.(Dr) Navin Sheth

Hon'ble Vice Chancellor

Gujarat Technological University

Patron

Dr. K. N. Kher

Registrar, Gujarat Technological University

Convener

Prof. (Dr.) Makarand Karkare

Director, GTU-GSET

Email: director_set@gtu.edu.in

Coordinators

Mr. Margam Suthar, Assistant Professor, GTU

M.8000685058 | Email: ap1_mcwt@gtu.edu.in

Mr. Mahesh Panchal, Deputy Director, GTU

M.9824642969 | Email: deputy_dir5@gtu.edu.in

Mr. Vagmin Joshi, Assistant Professor, GTU

M.7874660075 | Email: ap_vagmin@gtu.edu.in

Ms. Seema Joshi, Assistant Professor, GTU

Email: ap_seema@gtu.edu.in

Ms. Rutika Ghariya, Assistant Professor, GTU

Email: ap_rutika@gtu.edu.in

Organizing Committee

Mr. Deepak Upadhyay, Assistant Professor, GTU

M. 7202838264 | Email: ap_deepak@gtu.edu.in

Mr. Hemal Nayak, Assistant Professor, GTU

M.9033693404 | Email: ap_hemal@gtu.edu.in

Mr. Raj Hakani, Assistant Professor, GTU

M.9724082290 | Email: ap_raj@gtu.edu.in