



GUJARAT TECHNOLOGICAL UNIVERSITY

Open Source Technologies Club (OSTC)



GTU OSTC
Open Source Technologies Club

Gujarat Technological University's Open Source Technological Club organizes

Open Source Summer Camp

Workshop on Mozilla

Date: 16/06/2016

Experts: Mansi Trivedi, Drashti Pandya, Haard Patel and Viral Parmar(Mozilla Gujarat)



Workshop on Java 8.0

Date: 17/06/2016

Expert:
Mr.Pravin Jain
(Director-Zen Softech Private Limited, Vadodara)



Workshop on Bootstrap

Date: 18/06/2016

Experts:
Ms.Foram Shukla and Mr. Maulik Dave (Stellans Technosoft Pvt. Ltd, Ahmedabad)



Workshop on LaTeX

Date: 19/06/2016

Expert:
Prof. Ishaq A Sheikh
(Assistant Professor, GCET-Vallabh Vidyanagar)





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Open Source Summer Camp

Gujarat Technological University's Open Source Technologies Club is organizing various workshops on latest technologies on weekends. Now to utilise summer vacation effectively and to explore knowledge, GTU's OSTC organize "Open Source Summer Camp" during 16th to 19th June 2016.

<Workshops Date>

| 16.06.2016 | 17.06.2016 | 18.06.2016 | 19.06.2016 |
|---------------------|----------------------|-----------------------|-------------------|
| Workshop on Mozilla | Workshop on Java 8.0 | Workshop on Bootstrap | Workshop on Latex |

<Time>: 10:30am to 5:00pm

<Venue>: Gujarat Technological University, First Floor, Computer Lab, **Block No-6**, Near Boys Hostel Gate, L.D. Engineering College Campus, Ahmedabad ([Map](#))

<Participation Fees>:

For GTU Affiliated Colleges Students and Faculty Members: **Free** (Participants have to carry their I-Card)

For other Universities/Colleges Students/Faculty Member: Rs.500

For Company Employees or any other stakeholders: Rs.1000 (Payment should be through online SBI under Conference/Event Fees tab)

Note: Participant can register for any one workshop as per their interest.



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Interested Students/Faculty Members and others are invited to apply online at:

Registration Link: <https://goo.gl/Z16YCK>

Since limited seats are available, kindly register at the earliest. Apply before **13/06/2016, 05:00PM**. Selected Participants will get confirmation by email on or before **14/06/2016, 05:00PM**. Participants are advised to bring their Laptop, however computers will also be available at venue.

Workshop on Mozilla

Date: 16.06.2016, Thursday

The Main Motto of the workshop is to Literate Students about Mozilla, the Online Privacy & Security, what is FOSS and how the Exclusive tool LIGHTBEAM can be the Best option to prevent their privacy, Introducing to Open Source O.S. Linux and a Live Demo of Firefox Hello.

Agenda: About Mozilla. FOSS and Open Source Online Privacy, Security & Lightbeam Short session on Linux Community Building & Contribution areas of Mozilla Firefox Hello, Introduction to Rust Language, etc.

Experts:

- Talk 1: Introduction to Mozilla by Mansi Trivedi
- Talk 2: Mozilla Products by Drashti Pandya
- Talk 3: Contribution in Mozilla by Haard Patel
- Talk 4: Privacy and security by Viral Parmar



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Workshop on Java 8.0

Date: 17.06.2016, Friday

Topics:

Changes in interfaces

static methods, default methods, multiple inheritance, Functional interface

Syntax of Lambda expression

automatic type inference for input parameters
shortcuts for implementation with single statements
example using Action Listener and Comparator
method reference and constructor reference

The most commonly used Functional interfaces from java.util.function package

Predicate, Consumer, Supplier, Function, Unary Operator, Binary Operator
variants of the above Functional Interfaces and Revising Comparator<T>

Understanding Stream

Understanding stream APIs
Stream to build a pipeline of operations

Advanced Usage of Stream

Reduction operations
Collections and Collectors

Expert:

Mr. Pravin Jain

Director of Zen Softech Private
Limited, Vadodara)

He is having 30 years of experience in
IT industry.

Conducted various Java Training,
Seminars and Faculty Development
Programs.

Author of book, "The class of JAVA",
published by Pearson Education.

Mr. Jain is First Sun certified Java
Programmer from Vadodara.

Visiting Professor at M S University of
Vadodara and gives training on Java
and Programming.



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Workshop on Bootstrap

Date: 18.06.2016, Saturday

Topics:

Bootstrap Introduction and Download

The Bootstrap Grid System

Bootstrap CSS Overview

Navigation Systems

JavaScript Effects

Bootstrap Adding Interactivity to Your Site (Thumbnail Gallery, Image Carousel, Creating Forms)

Conclusion

Experts:

Ms. Forum Shukla (Founding Director at Stellans Technosoft Pvt. Ltd.) and Mr. Maulik Dave (Project Manager at Stellans Technosoft Pvt. Ltd.) who had conducted various workshops and training.

Workshop on Latex

Date: 19.06.2016, Sunday

Topics:

LaTeX is a document preparation system for high-quality typesetting. It is most often used for medium-to-large technical or scientific document. It can be used for any form of publishing.

Expert:

Prof. Ishaq.A. Sheikh
Asst. Professor in Electrical Engineering
G.H. Patel College of Engineering &
Technology, Vallabh Vidyanagar.

Delivered more than 23 workshops on Latex across Gujarat for the awareness of open source technology to PG and PhD student.



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Session I (Approx. 2 hours)

Introduction to Latex, Installation, documentation structure, basic commands, sectioning, sub-sectioning, inserting figures & tables, complex mathematical equation, large no. of mathematical equation, cross references, citation of figure, table, equation and section, Automatic generation of bibliographies and indexes, footnotes, hyperlinks.

Session II: Hands on practice (Approx 2 hours)

Typesetting of IEEE conference/journal research paper, report writing.

Session III: How to make presentation in Latex (hands on session- 2 hours)

Making presentation in latex using beamer class.

For any query, please contact:

Ms. Toral Vandara

Email: gtu.opensource@gmail.com

Phone: 07923267527 / 9712943161

Ms. Dhvani Sanghvi

Email: ra_dhwani@gtu.edu.in

Phone: 079 26300699