



SHRI SHANKARACHARYA TECHNICAL CAMPUS

Shri Shankaracharya Group of Institutions

Faculty of Engineering & Technology

(Managed by Shri Gangajali Education Society, Bhilai)

JUNWANI, BHILAI-490 020 (CHHATTISGARH), INDIA

Phone: 0788-2291605, 2291607, Fax: 0788-2291606, E-mail: ssgi@ssgi.edu.in



Department Of computer Science & Engineering

**FET (CSE), SSGI, Bhilai has organized two days
National Level Workshop on GIT
In association with
PHI Education Pvt. Ltd,
From 10th To 11th Aug 2016**

Workshop is organized for the students of B.E/MCA disciplines of SSTC. It was conducted by Mr. Zainul Abbausi (CTO) and Mr. Gaurav Shukla, resource persons from PHI Education Pvt. Ltd, Delhi, and lectures were delivered for two days in sessions of 8 hours each. In the two-day's session, students learned about how to use GIT, an open source distributed version control system designed to handle everything from small to very large project with speed and efficiency. This technology is implemented in current IT companies and students also learned about the job opportunities in GIT as career.

Number of Participants:

B.E. & MCA Students: 200
FET (CSE) Faculties: 06
SSTC, Bhilai

Workshop Coordinators (FET-CSE):

Dr. Siddharth Choubey
Dr. Abha Choubey
SSTC (SSGI), Bhilai

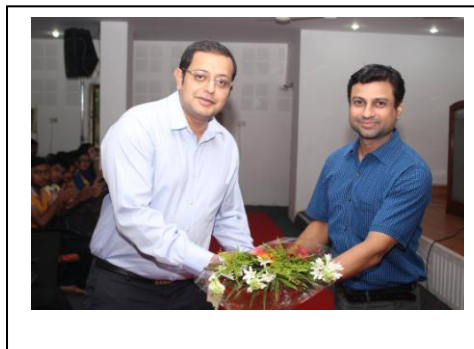
Student Co-ordiantors:

Shivam Bansal, Gyan Ranjan, Jinal Thakkar, Mrinal Mohan


21/09/17
Prof. Samita Gajbhiye
Department of Computer Science & Engg. (FET)
Shri Shankaracharya Group of Institutions
Shri Shankaracharya Technical Campus, Bhilai

HOD(CSE)SSTC Bhilai

Snapshots of the Workshop:-



About the workshop	FLOW OF WORKSHOP	About Bhilai & SSTC
<p>Git is a distributed revision control and source code management system with an emphasis on speed. Git was initially designed and developed by Linus Torvalds for Linux kernel development.</p> <p>As with most other distributed version control systems, and unlike most client-server systems, every Git directory on every computer is a full-fledged repository with complete history and full version-tracking capabilities, independent of network access or a central server.</p> <p>Companies using Git :</p> <p>Registration Fees : Rs. 500</p>	<p>We may alter this when we are there but this is the general agenda :</p> <p>The Agenda We will cover:</p> <ul style="list-style-type: none"> • Using Git. • Most common workflows used in industry. • Working with a Git Server hosting solution like GitHub or Bitbucket. <p>Getting Started</p> <ul style="list-style-type: none"> • Why Version Control Systems exist • Different types of version control systems (VCS) and common terminology used <ul style="list-style-type: none"> - Local - Centralized - Distributed • History of Git - Why it exists • Basics • Git vs Subversion and other VCS that came before it. • Installing Git • Configuring Git <p>Git Basics</p> <ul style="list-style-type: none"> • Some terminologies • Creating a Bitbucket or GitHub account • Getting a Git repository • Recording changes to the repository • Viewing the changes done to the repository • Undoing changes once committed • Ignoring files • Working with Remotes • Tagging • Git Aliases <p>Git Branching</p> <ul style="list-style-type: none"> • Introduction to Branching - What does it mean • Basic Branching and Merging • Common Workflows • Working with remote branches • The git workflow the most successful branching model <p>Projects/Hands-on work:</p> <ul style="list-style-type: none"> • Setting up phi-education.com account • Create a team of 3 or 5 students • Create a fresh git repository • Clone an existing repository • Create a new branch and fix code errors written in the repository to make it compile. • Change the ignore file to ignore executables • Commit and push the code to the remote server • Merge branch with development and resolve conflicts. • Push latest code to remote and delete personal branches 	<p>Bhilai is part of twin municipal corporations of Bhilai and Durg, about 30 km west of Raipur, the capital of Chhattisgarh state and about 256 km east of Nagpur on the Mumbai-Howrah trunk route. Bhilai is well known as Steel City due to the giant Bhilai Steel Plant under SAIL.</p> <p>The venue of the workshop is Shri Shankaracharya Technical Campus (SSTC), Bhilai.</p> <p>Established in the year 1999, the institute is approved by AICTE, having ISO 9001 2000 certification. The college is situated at the Junwani Road, about 6 km away from Durg railway station</p> <p>About the department</p> <p>The Department of Computer Science & Engineering(CSE) has been established in the year 1999 with an intake of 60 students. The intake has been increased to 120 seats in 2004. In addition to this, M.E. with specialization in Computer Technology & Application has been started in 2006. The Department of CSE, Since last decade is accredited by AICTE - NBA & TCS</p> <p>Venue</p> <p>GF-14, COMPUTER LAB (M.B.A.) Hashmalak Bhavan Shri Shankaracharya Technical Campus (SSTC), Junwani, Bhilai Dist. Durg, C.G. - 490020 Reporting time - 9 A.M. on 10th August 2016</p>