



Sarvajani Education Society
Sarvajani College of Engineering & Technology
Towards progressive civilization...

DSC Workshop - Git and Github



DSC SCET
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March 8, 2019(Friday), 3:45PM to 5:30PM
CO Dept Lab

Register Here


Design By :Parth Roy

A
Report on
DSC Workshop on “Git & Github”

Coordinated by
Nikhil Mulchandani (DSC Lead) & DSC Core Team, SCET

On
8th March, 2019

Organized by Computer Engineering Department,
Sarvajani College of Engineering and Technology (SCET), Surat



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Acknowledgement:

We would like to thank the Head of the Department Dr. Keyur Rana for all kind of support extended and resources provided and Honorable Principal madam Dr. Vaishali Mungurwadi for granting permission for the said event and encouraging us. We would like to thank the complete team of DSC for their dedication and hard work and to all the students who contributed in whichever way possible.



About Developer Student Club (DSC):

- DSC (Developer Students Club) is a group of students who are interested in growing their knowledge through peer to peer workshop.
- Club is for students and run by students where everyone can contribute.
- DSC currently is active in 172 colleges in India and more than 100 campuses in Indonesia, Africa.
- DSC provides the students get an opportunity to apply their skills for a live problem sourced from the local community (sourced by the DSC community).
- In addition to development skills, the students gain problem solving skills as they understand more about the problem and are developing a solution using technology, along with communication skills as they learn how to ask questions to better understand the problem.
- Thus, DSC is a great medium through which students can learn developer technologies as well as can help the local community by applying the same knowledge.

Developer Student Club Team:

Nikhil Mulchandani
DSC-Lead

Prof. Jaydeep Gheewala
Faculty

Prof. Dhatri Pandya
Faculty

DSC Core Team

Smit Jivani
Parth Roy
Keval Navadiya
Vishal Jobanputra
Shyam Khokhariya
Parth Kapadia
Harsh Maheshwari



The Developer Student Club (DSC), SCET had organized the first of its many workshops scheduled for this year on “Git & GitHub” on 8th March, 2019. The workshop was open to all the students of BE, ME and MCA of all branches. We had received an overwhelming response from students and in all 36 students had participated in the workshop.

The intuition behind this workshop was to set a base for the students and make them aware regarding the way in which version control system functions and to ameliorate their current understanding regarding the topics of Git & Github before diving into other technologies and open source projects.

Session Objectives:

- To officially unveil the DSC club for SCET and introduce the DSC Team to the students
- To introduce the student to the basics of version control System (VCS)
- To explain Git history and fundamentals
- To explain workflow of Git
- To make them familiar with Github UI
- To make them familiar with the different services offered by Github

Session Insights:

The session started with the official unveil of DSC and a formal introduction of the DSC core team members by our DSC lead Mr. Nikhil Mulchandani. He then briefed the students regarding the working of DSC and the tools and technologies on which the workshops are going to be organized this year. The main aim of DSC is to create something substantial and useful to the local community. We share the same ideology that “learning and execution complement each other.”

The session began with an explanation of Version Control System (VCS), its types, history and architecture. Then the workflow of Git was explained and a small verbal quiz was arranged to make the session more fun and riveting to the students.

Then UI of Github was explained to the students and then all the commands presented by Nikhil were performed by the students on their machines. The students learnt how to create a repository, how to clone and fork a project.

The workflow of Git mainly includes:

1. Creating a branch
2. Adding Commits
3. Opening a pull request



4. Discussion and Code review
5. Deployment
6. Merging

The hands on session made sure that students were practically implementing what they were learning and were able clear to all their doubts at that very moment. Then Nikhil made them aware regarding the different services offered by Github and regarding Student Developer Pack as well.

At the end a poll was organized by the team to ask students what they wanted to learn next. All in all, it was a very informative and productive session and we did receive very good feedbacks about the contents of the session. Some of the feedbacks are listed below followed by some glimpses of the session:

"Github was a completely naive topic to me in the beginning and the way it was explained to us helped us in grasping the concepts and the commands easily."

"The session was really very productive and now I can share my projects with my friends and work on them collectively."

"Can't wait to dig deep and learn more about Git and GitHub."

[Insert Images and attendance Sheet]

Drafted By:
Vishal Jobanputra