GOVERNMENT ENGINEERING COLLEGE, PATAN

At –Katpur, PATAN (N.G.) 384265
Established in - 2004
Phone No. (O) :(02766) 297735,297736
Mail:gec-patan-dte@gujarat.gov.in**Web:**www.gecpt.cteguj.in

Git-hub Club
Computer Science and Engineering Department

Summary Report

Seminar Topic: Dive into Docker

Event Speaker: Mr. Jenil Sathvara. He is a student of Bachelor of Engineering in Computer Science and Engineering Branch. He is currently in 7th semester. He is having great knowledge about Docker (A Tool that provide Container facility), other container tools. He is a DevOps Aspirant.

Highlight of event:

➢ On Date of Nov 28TH & 29TH 2022 code hives (Git-hub club) GEC Patan has organized a webinar on Dive into Docker.

➢ The session was conducted offline as a seminar considering the knowledge about Docker and Containerization, Around 50 students have taken part in the event.

➢ Session was started by our Anchor Ms. Garima Raj, she started session by greeting good morning to HOD sir, faculty members, students and handover the session to speaker.

➢ Mr. Jenil takeover the session and started with some basic Linux commands which is used for manage directory, know about current directory etc.

➢ He started with how to do Docker installation and setup in computer. He Explain Advantages of containerization and container tools.

➢ He also explained about basic command of Docker. In between our Technical team help to student for installing and setup for the Docker in computer.

➢ On Next day 29TH Nov he Revise the Yesterday's concept of Docker.

➢ After He demonstrated live how to create image using any base image. He create the base image of CentOS and install python in, after run the simple python program.

➢ He explained about how to give image name, tag name and how to run the Docker image. After run the he explained about how to push the image on Docker hub.

➢ For push our Docker image to Docker hub we need to create an account in the Docker hub after getting login credential we can create registries and push our new Docker image.

➢ After He Explain about some basic computer network terminologies, like NAT (Network Address Translation), PAT (Port Address Translation), IP addresses, Classes of IP Addresses.

➢ The session was ended by taking students feedback for the session and suggestion for future events, so we can improve ourselves for our future events.

➢ Session was winded up by the fruitful speech and a warm thanks to Mr. Jenil by our HOD sir, Dr. H. B. Jethva and our mentor, Prof. Sachin Makwana and Prof. Jay Patel. Lastly our HOD sir gave Gift to Mr. Jenil for giving his valuable time and knowledge.

➢ This event is organized by code hives club under the Ms. Ashvi Patel's leadership, combined with mentorship from Prof. Sachin Makwana and prof. jay Patel, while Dr. Hari Krishna Jethva provided his firm assistance as the head of the department, created an inspiring and impactful experience.

- **Seminar Duration: 7 hour**
- **Total Students Attendees: 50**
- **Seminar Date : 28th November 2022, Monday,29th November 2022, Tuesday**
- **Seminar Time : 11:00am–4:00pm**

<u>Photographs of event:</u>