

APSIT PRESENTS

DEVOPS CLUB

2024-25



A. P. Shah Institute of Technology



Welcome TO DevOps CLUB



DEV OPS



WELCOME TO THE DEVOPS CLUB!

WELCOME TO THE HOME OF CONTINUOUS INTEGRATION, DELIVERY, AND INNOVATION! AS A MEMBER OF THE DEVOPS CLUB, YOU'LL GAIN HANDS-ON EXPERIENCE WITH MODERN CLOUD TOOLS, CONTAINER ORCHESTRATION, AUTOMATED WORKFLOWS, AND SYSTEM ARCHITECTURE.

OUR MISSION IS TO FOSTER A COLLABORATIVE ENVIRONMENT WHERE STUDENTS CAN LEARN FROM EACH OTHER, WORK ON REAL-WORLD INFRASTRUCTURE, AND STAY AHEAD OF MODERN SOFTWARE DEVELOPMENT TRENDS. WE'RE EXCITED TO SEE WHAT YOU'LL BUILD!

HEAD OF DEPARTMENT



DR. KIRAN DESHPANDE

HOD of IT Department

GUIDANCE

FACULTY COORDINATORS



PROF. SUJATA OAK

Faculty Co-ordinator



PROF. SONAL JAIN

Faculty Co-ordinator



DR. VISHAL BADGUJAR

Faculty Co-ordinator

FACULTY ADVISORS

ADVISORS



Prof. Sujata Oak

ASSISTANT PROFESSOR AT APSIT

- ⚙️ CERTIFIED IN GIT AND GITHUB
- ⚙️ SKILLED IN SOFTWARE ENGINEERING
- ⚙️ PROFICIENT IN CI/CD PRACTICES
- ⚙️ KNOWLEDGEABLE IN KUBERNETES



Prof. Sonal Jain

ASSISTANT PROFESSOR AT APSIT

- ⚙️ CERTIFIED RHCSA PROFESSIONAL
- ⚙️ GOOGLE CERTIFIED EDUCATOR
- ⚙️ CERTIFIED INSTRUCTOR AT RED HAT ACADEMY



Vishal badgujar

ASSISTANT PROFESSOR AT APSIT

- ⚙️ CERTIFIED RHCS PROFESSIONAL
- ⚙️ MICROSOFT AI-900 CERTIFIED
- ⚙️ OCI ARCHITECT ASSOCIATE
- ⚙️ GOOGLE CERTIFIED EDUCATOR

DEVOPS CLUB

CORE TEAM



Urvi Joshi



Varad Joshi



Sakshi Jagtap



Dhruv Trivedi



Bharat Sharma



Sanskruti Mhatre



Meet Jamsutkar



Ammar Nagarji

DEVOPS CLUB

MENTORS



Sameer Dev

SDE 4 at Fynd



Debashish Choudhury

Software Engineer at
Wissen Tech



Uddhabendra Maity

Top Devops Voice at
HelpShift



Suraj Singh

Data Scientist at
DSW

DEVOPS CLUB

HEADS



Aryan Pradeshi

Technical Head



Akshata Khandekar

Design Head



Anubhav Singh

Literature Head

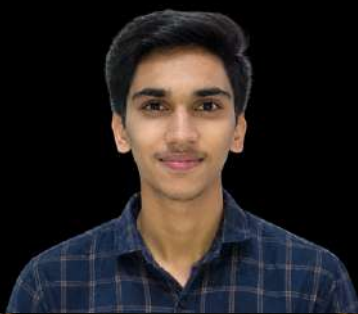


Harsh Tambade

Publicity Head

DEVPOPS CLUB

CO HEADS



Darsh Kalathiya

Technical team



Siddharth Kumar

Design Team



Varyunkmar Lysetthi

Literature Team



Shlok Chandankar

Publicity Team

APSIT'S DevOps Club

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ANNUAL MAGAZINE

Introduction

THE DEVOPS CLUB AT A. P. SHAH INSTITUTE OF TECHNOLOGY (APSIT) EXISTS TO CULTIVATE A COMMUNITY OF EMERGING DEVOPS PROFESSIONALS SKILLED IN BRIDGING DEVELOPMENT, OPERATIONS, AND AUTOMATION IN MODERN DIGITAL ENVIRONMENTS. THE CLUB BRIDGES ACADEMIC THEORY AND INDUSTRY APPLICATION THROUGH IMMERSIVE TRAINING IN CI/CD PIPELINES, CLOUD PLATFORMS, INFRASTRUCTURE AS CODE, AND SITE RELIABILITY ENGINEERING (SRE).

Vision

TO FOSTER A CULTURE OF AUTOMATION, COLLABORATION, CONTINUOUS DELIVERY, AND TECHNICAL EXCELLENCE, EMPOWERING STUDENTS TO BECOME SKILLED ENGINEERS WHO ENHANCE SOFTWARE DELIVERY SPEED AND ENSURE OPERATIONAL STABILITY

Mission

PROVIDE HANDS-ON LEARNING EXPERIENCES IN DEVOPS TOOLS, CLOUD PLATFORMS, AND AUTOMATION PIPELINES.

PROMOTE COLLABORATION BETWEEN DEVELOPERS, OPERATIONS TEAMS, AND OTHER TECHNICAL DOMAINS.

EMPOWER STUDENTS THROUGH EXPERT TALKS, WORKSHOPS, AND MENTORSHIP PROGRAMS.

BUILD A SUSTAINABLE CULTURE OF INNOVATION AND CONTINUOUS IMPROVEMENT THROUGH PEER LEARNING AND KNOWLEDGE SHARING.

RED HAT LINUX AUTOMATION WITH ANSIBLE

FIRST
EVENT OF
YEAR



Mr Ravindra Patil



Ravindra Patil is a seasoned Technical Instructor at Red Hat, with extensive certifications including RHCSA, RHCE, RHCA, RHCI, RHCK, and expertise in Ansible Automation and OpenShift. With over a decade of experience, he is recognized for leading various hands-on workshops and courses, such as DO407, DO180, DO280, DO380, DO447, DO188, helping students master Linux and open-source technologies.

APSIT's DevOps Club

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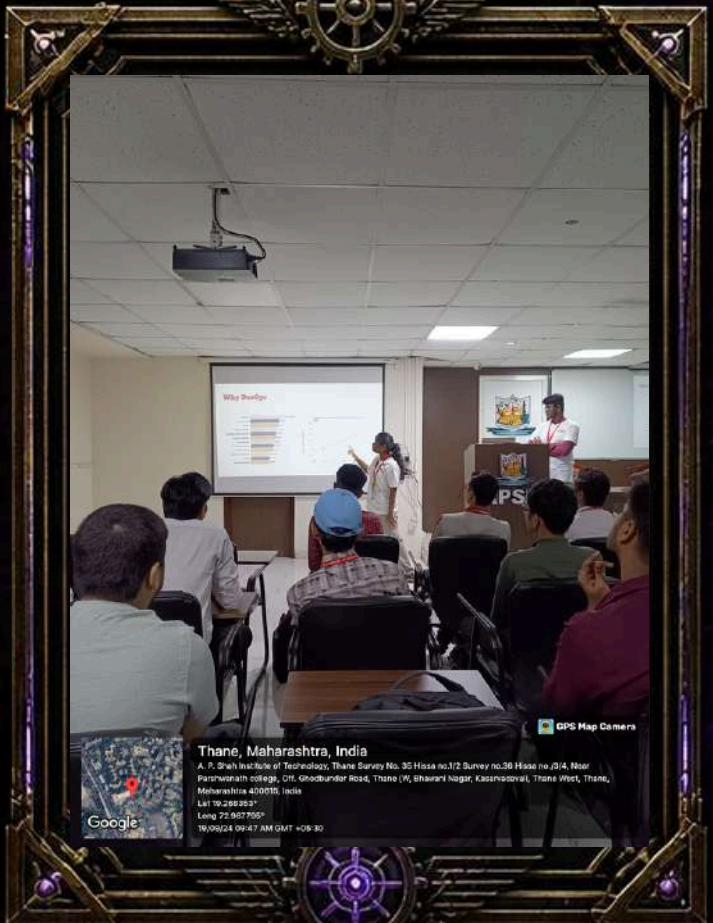
2024-25

EVENT 2

INTRODUCTION TO DEVOPS CONCEPTS

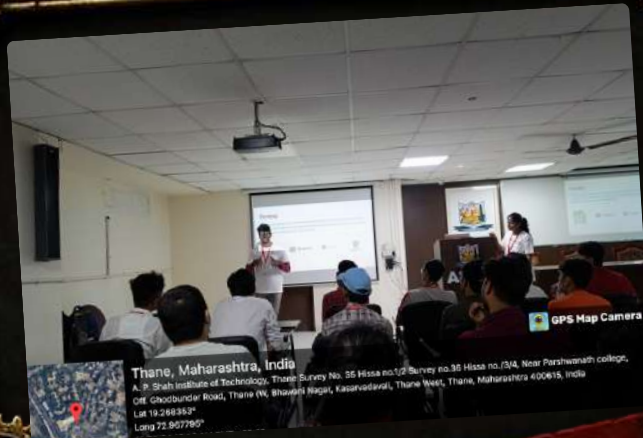
WORKSHOP

The DevOps Club hosted a workshop titled "Introduction to DevOps" on 19th September 2024. The session, which aimed to introduce students to the fundamentals of DevOps, began promptly at 9:35 AM. With a focus on the role of DevOps engineers, SDLC models, Agile methodologies, and various stages of DevOps.



INTRODUCTION TO DEVOPS CONCEPTS

WORKSHOP



Sakshi Jagtap



Meet Jamsutkar



Sakshi Jagtap

Sakshi returned to explain the stages of DevOps, covering critical phases like planning, development, testing, release, deployment, and monitoring. She highlighted key tools such as Git for version control, and Docker for containerization. Sakshi also discussed Infrastructure as Code (IaC), promoting consistency across environments. She delved into advanced topics like container orchestration using Kubernetes, and monitoring tools like Grafana and Nagios, stressing their importance in ensuring system stability and performance.

HACKTOBER FEST

INTRODUCTION TO DEPLOYMENT CLOUD ESSENTIALS



Varad Joshi



Urvi Joshi

EXPERT TALK

DevOps Club, APSIT organized a session on "INTRODUCTION TO CLOUD DEPLOYMENT ESSENTIALS.", CONDUCTED BY VARAD JOSHI AND URVI JOSHI, AIMED AT INTRODUCING FUNDAMENTAL CONCEPTS OF CLOUD COMPUTING AND PRACTICAL DEPLOYMENT METHODS FOR AI MODELS AND REACT APPLICATIONS.



INTRODUCTION TO DEPLOYMENT

WORKSHOP

Introduction To Deployment Cloud Essentials

Leverage the potential of cloud deployment with advanced strategies, transforming your applications into scalable solutions that keep you ahead in the tech arena.



Varad Joshi
BE DS



Urvi Joshi
BE IT

DATE
4th October

TIME
10:00 am - 12:00 pm

VENUE
Lab 405

Pre Event

PARSHVANATH CHARITABLE TRUST'S
A. P. SHAH INSTITUTE OF TECHNOLOGY



INTRODUCTION TO CLOUD DEPLOYMENT ESSENTIALS



The session provided valuable insights into cloud computing concepts, deployment methods. It covered the advantages of cloud computing, such as scalability, and cost-efficiency, while exploring public, private, and hybrid. Various cloud platforms, including AWS, GCP, Azure, and DigitalOcean, were discussed. With DigitalOcean emphasized for its beginner-friendly features.

Participants were introduced to AI model deployment using Hugging Face. Tasks like text generation, with a live demo showcasing its ease of use. React app deployment using Vercel was demonstrated, emphasizing simplicity. Hands-on exercises further enhanced students' understanding of deployment techniques.



Urvi Joshi



Varad Joshi

2024
HACKTOBER



Post Event



Hands on Session

In this session on Cloud Essentials, Varad and Urvi Joshi walked through the core software deployment pipeline, detailing the end-to-end journey from planning and code release to production deployment and monitoring. They emphasized the role of Git for collaborative version control and Docker for reliable containerization. Sakshi expanded the discussion into cloud-native management, covering Infrastructure as Code (IaC) for consistent provisioning, Kubernetes for container orchestration, and Grafana and Nagios to ensure continuous observability and system health.

RHEL Sys Admin

EXPERT TALK



Memories



WorkShop



MR. Vaibhav Pagar

Vaibhav Pagar is an experienced Linux and open-source technologies expert, specializing in Red Hat Enterprise Linux (RHEL) system administration and automation. With multiple Red Hat certifications, including RHCSA, RHCE, and RHCA, he has a strong background in enterprise IT solutions. Vaibhav has extensive experience conducting hands-on workshops and training sessions on Linux system administration, certification pathways, and DevOps practices.

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RHEL SYS ADMIN

INTERNSHIP / COMPETITION



Mr Vaibhav Pagar

In addition to technical skills, Mr. Pagar highlighted how RHEL certifications can open doors to careers in DevOps, cloud computing, and enterprise IT. To make the seminar more engaging, an interactive Q&A was held, allowing students to clarify their doubts and gain deeper insights into the field. Overall, the session provided a comprehensive overview of RHEL system administration and its relevance to industry trends. It also motivated students to pursue certifications for better career opportunities.



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EVENT

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EXPLORING LINUX

HANDS ON

Shreyansh
Narvekar

The Linux Fundamentals session was led by Shreyansh Narvekar, a dedicated and knowledgeable speaker known for his enthusiasm and growing expertise in the field of DevOps. He has taken many interactive sessions and his expertise and interactive teaching style has helped participants gain valuable insights into those concepts.



EVENT 3

EXPLORING LINUX

WORKSHOP

EXPLORING LINUX FROM BASICS TO COMMAND LINE MASTERY



SHREYASH NARVEKAR
Student Ambassador Red Hat Academy

Contents:

- Introduction to Linux & Distributions
- Linux File System & Navigation
- File Permissions & Ownership
- Users & Groups Management
- Process Management in Linux
- Bash Scripting

13th March

8:30-10:00

REGISTER NOW

Pre Event

EXPLORING LINUX: FROM BASICS TO COMMAND LINE MASTERY



On 13th March 2025, the DevOps Club organized a hands-on workshop titled "Exploring Linux: From Basics to Command Line Mastery". The session was led by Shreyash Narvekar, Student Ambassador of Red Hat Academy. The workshop aimed to introduce students to the fundamentals of Linux, its importance in the world of DevOps and cloud computing, and provide an overview of various Linux distributions and their use cases. Participants learned how to navigate the Linux file system, manage users and groups, and explore the significance of file permissions. The workshop also included topics on process management, system monitoring, and basic scripting to automate tasks. Shreyash provided hands-on demonstrations and interactive exercises. Students were also introduced to essential Linux knowledge and boosted their confidence in using the command line for professional purposes.



Shreyash Narvekar

13/03/2025

Post Event

Hands on Session

Student Ambassador for Red Hat Academy, Shreyash Narvekar, hosted an engaging session titled "Exploring Linux from Basics to Command Line Mastery." The session offered a thorough breakdown of fundamental Linux topics, including distribution types, file system structure, permissions, process management, and user controls. Attendees walked away with practical knowledge of command-line operations and Bash scripting, gaining a strong technical foundation for working in Linux environments.

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INTERNSHIP THROUGH DEVOPS CLUB



Anjali Singh

INTERNSHIP : REGTECH



Rujata More

INTERNSHIP : REGTECH



Anubhav Singh

INTERNSHIP : REGTECH

CONGRATULATIONS

SUCCESS STORIES 2024-25



ANJALI SINGH



RUTUJA MORE



ANUBHAV SINGH



**OMKAR
CHADGOAKAR**



**PRABHAT
MAHADIK**



TANVI PAWAR

**DEVOPS
CLUB
2024-25**



APSIT'S DEVOPS CLUB 2024-25
ANNUAL MAGAZINE

TO OUR STUDENTS



A HEARTFELT THANK YOU TO ALL THE STUDENTS FOR MAKING THE ACADEMIC YEAR 2024-25 TRULY MEMORABLE! YOUR DEDICATION, ENTHUSIASM, TEAMWORK, AND HARD WORK MADE EVERY EVENT A WONDERFUL EXPERIENCE. FROM PLANNING AND ORGANIZING TO PARTICIPATING AND CREATING UNFORGETTABLE MOMENTS, EACH ONE OF YOU PLAYED AN IMPORTANT ROLE IN MAKING THIS YEAR A SUCCESS. THE ENERGY, CREATIVITY, AND SPIRIT YOU BROUGHT TO EVERY EVENT MADE OUR JOURNEY SPECIAL, AND THE MEMORIES WE CREATED TOGETHER WILL ALWAYS BE CHERISHED. THANK YOU FOR YOUR INCREDIBLE EFFORTS, UNWAVERING SUPPORT, AND FOR MAKING THIS YEAR MORE THAN JUST A SERIES OF EVENTS — A COLLECTION OF BEAUTIFUL MEMORIES THAT WE WILL TREASURE FOREVER. ❤️



THANK YOU

We extend our heartfelt gratitude to everyone who made the DevOps 2024–2025 journey a success. Each session reflected dedication, learning, and growth within our community. The support of faculty and enthusiasm of students made every initiative meaningful and impactful. These experiences enhanced technical knowledge while inspiring confidence and innovation. Together, we have taken steps toward a stronger future. This is not an end, but the beginning of new opportunities. We look forward to continuing this journey of learning and collaboration. Thank you for being a part of DevOps Club.

Designed by APSIT DevOps Club Design Team
24-25

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