

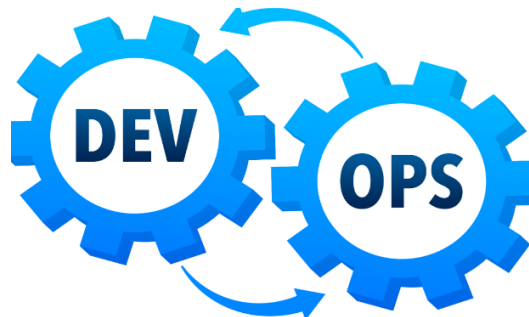
**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR**



A 5-DAY HANDS-ON WORKSHOP ON

“Exploring DevOps”

24th February 2025 – 1st March 2025



Organized by

Department of Information Technology

In Technical Association with

IEEE Computer Society Chapter, IEEE Delhi Section

&

Upflairs Private Limited, India

Student Coordinator

Organizing Committee

Faculty Coordinator

Nishith Kayath

Dr. Vipin Jain

Ms. Ritu Shukla

Saksham Jain

Mr. Jagendra Singh Chaudhary

Ms. Astha Joshi

Shubham Upadhyay

Ms. Priyanka Yadav

Yashasvi Pandey

Ms. Saroj Agrawal

Mr. Praveen Kumar Yadav

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1. About DevOps

DevOps is a software development approach that combines development (Dev) and operations (Ops) to streamline workflows, enhance collaboration, and improve software quality. It emphasizes automation, continuous integration (CI), continuous deployment (CD), and real-time monitoring to accelerate software delivery while ensuring stability and reliability. By integrating Infrastructure as Code (IaC), security practices (DevSecOps), and cloud computing, DevOps enables organizations to scale efficiently and respond to changes quickly. This methodology fosters a culture of collaboration, shared responsibility, and continuous improvement, helping teams deliver high-quality applications with greater speed and efficiency.

Features of DevOps

- **Continuous Integration & Continuous Deployment (CI/CD)**

CI/CD automates code integration, testing, and deployment, ensuring faster and more reliable software releases while reducing manual effort and errors. It enables frequent updates with minimal disruption, improving overall software quality.

- **Infrastructure as Code (IaC)**

IaC allows infrastructure management through code, enabling automated provisioning, scalability, and consistency. This ensures infrastructure is easily reproducible, version-controlled, and reduces manual configuration errors.

- **Monitoring & Logging**

Monitoring and logging provide real-time insights into system performance, helping teams proactively detect and resolve issues. This aids in performance optimization, security threat detection, and maintaining system stability.

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2. About IEEE: -

The IEEE Computer Society (IEEE CS) is the premier source for information, inspiration, and collaboration in computer science and engineering. Connecting members worldwide, the IEEE Computer Society empowers the people who advance technology by delivering tools for individuals at all stages of their professional careers.

IEEE CS's trusted resources include SWEBOK, continuous learning opportunities, a robust digital library, international conferences, peer-reviewed publications, and globally recognized standards.

All activities of IEEE CS are supported in India, including the starting of IEEE Computer Society student Chapters, IEEE CS conferences, organizing student workshops and faculty development programs, and promoting IEEE CS offerings. Key offerings include SWEBOK, the Computer Society Digital Library, and custom newsletters.

3. About SKIT: -

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), inspired from the learning's of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. Today, the Institute is recognized as one of the centres of academic excellence in Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Ph. D., Postgraduate and Graduate Courses in Engineering and Management.

Located in the Pink City Jaipur, which is a blend of traditional history and modern outlook, SKIT is putting in efforts for making industry ready engineers and managers through effective Industry –Institute Interface. Apart from the University curriculum, SKIT also pursues activities for research and development in various fields.

The green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants make the environment serene, pleasant and dynamic.

Students joining the institute share the box full of opportunities for professional and personal development through an environment of practical orientation, industrial

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interaction and student-led activities which help the students to develop good communication skills, integrated personality and greater competitive spirit.

Our Inspiration

"Mass illiteracy is the root cause behind backwardness of India. If we want speedy progress of nation, we need to root it out as early as possible."

Swami Keshvanand

Swami Keshvanand, an orphan, illiterate, nomadic man who never received formal education, was the founder of more than 300 schools, 50 hostels and innumerable libraries, social service centers and museums. Swami Keshvanand had a deep understanding of the rural society of the desert region. He had explained the peculiarities of the desert region, identified the problems and suggested appropriate and logical solutions. It was Swami Keshvanand lifelong endeavour to eradicate social evils like untouchability, child marriage, indebtedness, poverty, backwardness, alcohol abuse, moral dissipation etc.

Vision

To promote higher learning in advanced technology, management skills and industrial research to make our country a global player.

Mission

To promote quality education, training and research in the field of Engineering by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.

Quality Policy

We are committed to 'achievement of quality' as an integral part of our institutional policy by continuous self-evaluation and striving to improve ourselves.

Institute would pursue quality in

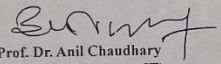
SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,

MANAGEMENT & GRAMOTHAN, JAIPUR

- All its endeavours like admissions, teaching- learning processes, examinations, extra and co-curricular activities, industry institution interaction, research & development, continuing education, and consultancy.
- Functional areas like teaching departments, Training & Placement Cell, library, administrative office, accounts office, hostels, canteen, security services, transport, maintenance section and all other services.”

4. Approval Letter of the Workshop: -

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur Department of Information Technology Tentative Events Schedule							
Propose Event Details for Academic Session 2024-2025						Date: 31/7/2024	
S.No	Types of Event	Title of Event	Mode of Conduction	Proposed Date	Name of Coordinator	Any Collaboration	Budget Required
1	One Week Online FDP	PHP & MySQL	Online	8-7-2024 to 12-7-2024	Dr. Sunita Gupta		NIL
2	Expert Lecture	Enhancing Digital Investigations: Technical Audit Session in Cyber Forensics	Cotact Mode	14-10-2024	Manoj Raman, Praveen Yadav		6000/-
3	Student Workshop	DevOps	Offline	1/9/2024	Ritu Shukla, Astha Joshi		30000/-
4	One week FDP	Data Science using Python	Online	25-11-2024 to 29-11-2024	Manoj Raman, Praveen Yadav	NITTTR chandigarh	Rs 118 per participant
5	Student Workshop	Graphical User Interface using Angular Framework	Offline	23-09-2024 to 28-09-2024	Richa Rawal and Sanju Choudhary	EE Student Chapter	35000/-
6	Expert Lecture	Introduction to Agile way of software Development	Cotact Mode	14-09-2024	Ms. Nikhar Bhatnagar		6000/-


 Prof. Dr. Anil Chaudhary
 (Head of Department, IT)

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR**

**5. Approval for the Workshop and Tentative Activity Calendar for
SKIT's IEEE Student Chapter (2024-25): -**

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN, JAIPUR

10/14/24, 12:10 PM

Swami Keshvanand Institute of Technology Mail - Fwd: SKIT's IEEE student chapter's tentative activity calendar



Sanju chaudhary <sanju@skit.ac.in>

Fwd: SKIT's IEEE student chapter's tentative activity calendar

Prof. Anil Chaudhary <hodit@skit.ac.in>
To: only_it_fac@skit.ac.in

Thu, Sep 19, 2024 at 11:22 AM

go ahead!

----- Forwarded message -----

From: Dr. S S Tyagi <shyamtyagi@hotmail.com>

Date: Thu, Sep 19, 2024 at 10:44 AM

Subject: Re: SKIT's IEEE student chapter's tentative activity calendar

To: Prof. Anil Chaudhary <hodit@skit.ac.in>

Cc: Shyam Tyagi <sstyagi@ieee.org>, Dr. K Subramanian <ksmanian48@gmail.com>, Hoda BVP <mca@bvicam.ac.in>, Dr A Murli M Rao IGNOU Rao <murli@ignou.ac.in>, Daman Dev Sood <dmandev.sood@ieee.org>, rakhee@bvicam.in <rakhee@bvicam.in>, Ashish Khanna <ashishkhanna@mit.ac.in>

Prof Anil

From my side it is approved for technical sponsorship. Pls go ahead and submit report after the event along with pics.

Thanks

S S Tyagi

On 19 Sep 2024, at 9:20 AM, Prof. Anil Chaudhary <hodit@skit.ac.in> wrote:

Dear Prof Tyagi ji,

Gentle reminder for approval of technical sponsorship, as a couple of events are very closed so please consider it.

regards,

anil

On Thu, Sep 12, 2024 at 1:18 PM Prof. Anil Chaudhary <hodit@skit.ac.in> wrote:

Dear Tyagi ji,

Please find enclosed reports of activities at SKIT under IEEE CS Chapter Delhi section of session 2023-24, also requesting the approval of this year's activities as technical sponsor in the below table:

<https://mail.google.com/mail/u/0/?ik=72ac64f950&view=pt&search=all&permmsgid=msg-f:1810602578374565228&siml=msg-f:1810602578374565228>

1/2

10/14/24, 12:10 PM

Swami Keshvanand Institute of Technology Mail - Fwd: SKIT's IEEE student chapter's tentative activity calendar

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur Department of Information Technology Tentative Events Schedule			
Propose Event Details for Academic Session 2024-25			
S.No	Types of Event	Title of Event	Proposed Date
1	Expert Lecture	Enhancing Digital Investigations: Technical Audit Session in Cyber Forensics	14-10-2024
2	Student Workshop	DevOps	09-01-2025
3	One week FDP	Data Science using Python	25-11-2024 to 29-11-2024
4	Student Workshop	Graphical User Interface using Angular Framework	23-09-2024 to 28-09-2024
5	Expert Lecture	Introduction to Agile way of software Development	14-09-2024

@ Dr Rakhee, as you are aware in Rajasthan especially in Jaipur luckily this time long heavy raining season persisting, so wouldn't be possible to travel in coming physical meet, hence wish you all the best, I will get acquainted through the MOM sheet of the meeting proceeding.

regards,

anil

<https://mail.google.com/mail/u/0/?ik=72ac64f950&view=pt&search=all&permmsgid=msg-f:1810602578374565228&siml=msg-f:1810602578374565228>

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6. Experts Details: -

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
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Name of Expert	Post & Affiliation of Expert	Contact Number
Mr. Siddharth Singh	Founder & Director	9251494002
Mr. Akash Gaur	Senior DevOps Instructor at Upflairs Pvt. Ltd.	9784389701
Mr. Gurpreet singh	DevOps Trainer	8385048966
Mr. Vikram Singh	Business Manager	8005932201

7. Committees for the Workshop: -

ADVISORS

Shri Jaipal Meel, Director, SKIT

Dr. S.L. Surana, Director (Academics), SKIT

Mrs. Rachna Meel, Registrar, SKIT

Dr. Ramesh Kumar Pachar, Principal, SKIT

Prof. R. K. Jain, Dean, SKIT

Dr. Anil Chaudhary, HOD (IT), SKIT

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR**

Faculty Coordinators

Ms. Ritu Shukla

Associate Professor, Department of IT,

Mobile: 9680335929

Email: ritu.shukla@skit.ac.in

Ms. Astha Joshi

Associate Professor, Department of IT,

Mobile: 9352304763

Email: astha.joshi@skit.ac.in

Organizing Committee

Dr. Vipin Jain

Deputy Head, Department of IT

Mr. Jagendra Singh Chaudhary

Assistant Professor, Department of IT

Dr. Priyanka Yadav

Assistant Professor, Department of IT

Dr. Saroj Agrawal

Assistant Professor, Department of IT

Mr. Praveen Kumar Yadav

Assistant Professor, Department of IT

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR**

Student Coordinator

Mr. Saksham Jain

Student (3rd year), Department of IT

Mr. Nishith Kayath

Student (3rd year), Department of IT

Mr. Shubham Upadhyay

Student (3rd year), Department of IT

Ms. Yashasvi Pandey

Student (3rd year), Department of IT

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8. Objective of the Workshop: -

- To understand the fundamentals of DevOps and Linux basics.
- To provide hands-on experience with version control and scripting.
- To introduce containerization using Docker and Kubernetes.
- To implement Continuous Integration and automation.
- To explore Infrastructure as Code and complete a hands-on project.

9. Content of the Workshop: -

- **Introduction to DevOps and Linux Basics** – Understanding DevOps principles, benefits, and essential Linux commands.
- **Version Control and Automation with Git & Scripting** – Learning Git, GitHub, repository management, branching, and shell scripting.
- **Containerization with Docker and Kubernetes** – Exploring Docker for containerization and Kubernetes for orchestration.
- **Continuous Integration & Deployment with Jenkins** – Setting up Jenkins, creating CI/CD pipelines, and integrating with Git and Docker.
- **Infrastructure as Code & Hands-On Project** – Using Ansible for automation and implementing a real-world DevOps pipeline.

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10. Notice of the Workshop: -



Swami Keshvanand Institute of Technology, Management & Gramothan,
Ramnagar, Jagatpura, Jaipur-302017, INDIA
Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Tel.: +91-0141- 3500300 Fax: +91-0141-2759555
E-mail: info@skit.ac.in Web: www.skit.ac.in



Ref: SKIT/IT/2024-25/.....59

Date:22/02/2025

Notice

It gives us immense pleasure to inform that the department of information technology is going to organize a 5 day workshop for IV & VI semester students on “Exploring DEVOPS” from 24th Feb., 2025 as part of ICETCE 2025.

The objective of this workshop is to equip students with essential skills required for modern software development and deployment. The sessions have been designed to bridge the gap between theoretical knowledge and real-world implementation, focusing on the development of practical competencies that align with industry standards.

Faculty Coordinators: Ms. Ritu Shukla

Ms. Astha Joshi

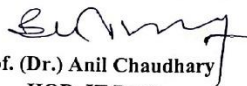
Organizing Committee: Dr. Vipin Jain

Mr. Jagendra Singh Chaudhary

Dr. Saroj Agarwal

Mr. Praveen Kumar Yadav

Dr. Priyanka Yadav


Prof. (Dr.) Anil Chaudhary
HOD, IT Dept.

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11. Event Poster: -

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR**
(AN AUTONOMOUS INSTITUTE AFFILIATED TO RTU, KOTA
ACCREDITED BY NAAC A++)

DEPARTMENT OF INFORMATION TECHNOLOGY
(ACCREDITED BY NBA)

IS ORGANIZING
A 5-DAY HANDS-ON WORKSHOP
ON
EXPLORING DEVOPS
IN TECHNICAL ASSOCIATION WITH

IEEE COMPUTER SOCIETY & **Upflairs**
...because winning takes it all

24 FEB.-1 MAR. 2025

REGISTER NOW:-

FACULTY COORDINATOR
MS. RITU SHUKLA
MS. ASTHA JOSHI

STUDENT COORDINATOR
NISHITH KAYATH
SAKSHAM JAIN
SHUBHAM UPADHYAY
YASHASVI PANDEY

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12. Schedule of the Workshop: -



Day 1: Foundations of DevOps and Linux Basics (4 Hours)

1. **DevOps Overview (1 Hour)**
 - What is DevOps?
 - Benefits of DevOps Tools in the Software Development Lifecycle
 - Overview of DevOps Toolchain
2. **Linux Basics for DevOps (3 Hours)**
 - Introduction to Linux and Command-Line Interface (CLI)
 - Basic Linux Commands: File Operations, Process Management, and Networking
 - Understanding File Permissions and Ownership
 - Managing Users and Groups

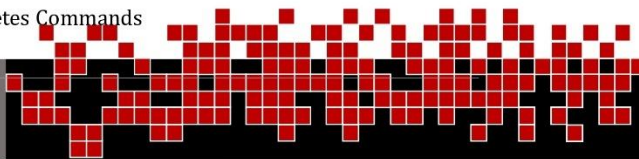
Day 2: Version Control, GitHub, and Linux Scripting (4 Hours)

1. **Version Control with Git and GitHub (2 Hours)**
 - Introduction to Git and Repository Management
 - Basic Git Commands: Clone, Stage, Commit, Push
 - Branching, Merging, and Conflict Resolution
 - **Introduction to GitHub:** Repository Hosting, Pull Requests, and Collaboration
2. **Linux Scripting Basics (2 Hours)**
 - Introduction to Shell Scripting
 - Writing and Executing Basic Scripts
 - Automating Tasks with Cron Jobs

Day 3: Containerization with Docker and Kubernetes (4 Hours)

1. **Introduction to Containers and Kubernetes (1 Hour)**
 - Why Use Containers in DevOps?
 - Differences Between Virtual Machines and Containers
 - **Introduction to Kubernetes:** Core Concepts and Architecture
2. **Docker Fundamentals (2 Hours)**
 - Installing and Setting Up Docker
 - Creating, Managing, and Running Containers
 - Building and Sharing Docker Images
 - Docker Volumes and Networks
3. **Getting Started with Kubernetes (1 Hours)**
 - Deploying a Pod
 - Introduction to Kubernetes Commands

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DevOps



Day 4: Continuous Integration with Jenkins and Jira (4 Hours)

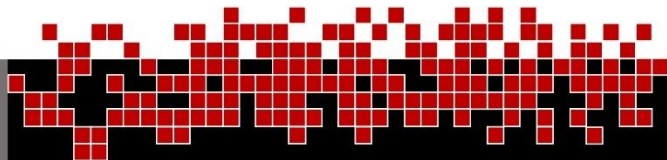
1. **Jenkins Basics (2 Hours)**
 - Installing and Setting Up Jenkins
 - Jenkins Dashboard Overview
 - Creating and Managing Jobs
2. **Jenkins Pipelines and Jira (2 Hours)**
 - Writing a Jenkinsfile (Pipeline as Code)
 - Integrating Jenkins with Git and Docker
 - **Introduction to Jira (1 Hour)**
 - Overview of Jira as a project management and issue tracking tool
 - Key features: Workflows, Issue Types, and Boards
 - Integrating Jira with GitHub and Jenkins for automation

Day 5: Infrastructure as Code, Kubernetes, and Final Project (4 Hours)

1. **Infrastructure as Code with Ansible and Kubernetes (2 Hours)**
 - Introduction to Configuration Management
 - Writing Simple Playbooks
 - Deploying Applications with Ansible
 - **Hands-On with Kubernetes:** Deploying Applications, Scaling Pods
2. **Hands-On Project (2 Hours)**
 - Building a Complete Workflow:
 - Linux Basics for Deployment
 - Version Control (Git and GitHub)
 - Containerization (Docker)
 - CI/CD Pipeline (Jenkins)
 - Infrastructure Deployment (Ansible)
 - Deploying on Kubernetes

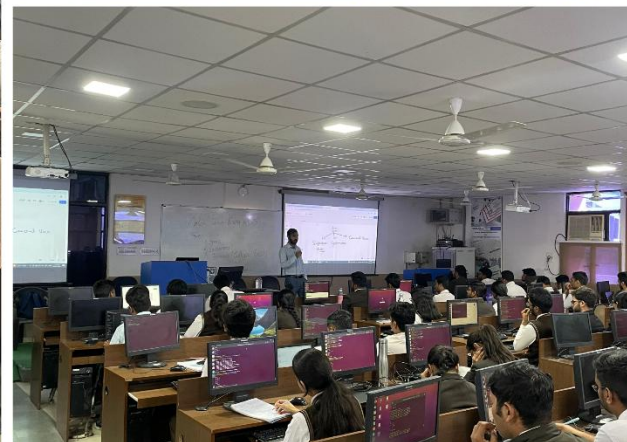
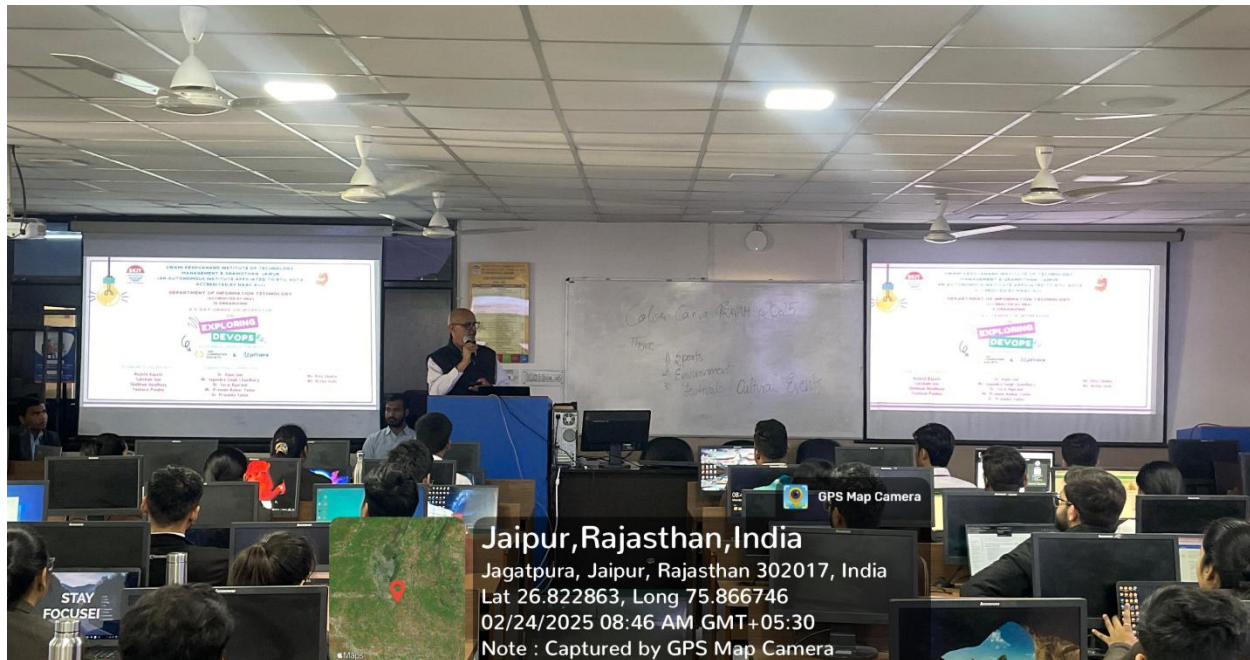
Query Session & Competition

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13. Glimpses of the Inauguration ceremony: -



14. News of the Inauguration ceremony: -

शुक्ला और सुन्नी आस्था जोशी संकाय समन्वयक के रूप में कार्य कर रहे हैं, जबकि डॉ.विपिन जैन, डॉ.प्रियंका यादव, प्रवीण यादव, डॉ.सरोज अग्रवाल, जगेंद्र सिंह चौधरी आयोगजन समिति का हिस्सा है। यह वर्कशॉप छात्रों को वास्तविक औद्योगिक अनुभव और आधुनिक तकनीकों की समझ प्रदान करेगी। प्रशिक्षण के माध्यम से उनकी समस्या समाधान क्षमताओं को विकसित किया जाएगा, जिससे वे भविष्य में डेवलपमेंट क्षेत्र में सक्रिय करियर के लिए तैयार हो सकेंगे।

छात्राओं को डेव ऑप्स, कुबर्नेट्स, जेकिन्स एवं क्लाउड ऑटोमेशन में प्रशिक्षित करना है। वर्कशॉप का संचालन आईटी विभागाध्यक्ष डॉ. अनिल चौधरी और संकाय सदस्यों के

यह वर्कशॉप छात्रों को वास्तविक औद्योगिक अनुभव और आधुनिक तकनीकों की समझ प्रदान करेगी। प्रशिक्षण के माध्यम से उनकी समस्या समाधान क्षमताओं को विकसित किया जाएगा, जिससे वे भविष्य में डेवऑप्स क्षेत्र में सफल करियर के लिए तैयार हो सकेंगे।

गुरुवार, 27 फरवरी 2025

[illegible]

जयपुर। स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी के आईटी विभाग द्वारा आईईईई कंप्यूटर सौराष्ट्री और अपफ्लेयर्स प्राइवेट लिमिटेड के सहयोग

[illegible]

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,

MANAGEMENT & GRAMOTHAN, JAIPUR

15. List of Participants: -

Participant List								
Section	S.no.	Roll no.	Name	24-02-2025	25-02-2025	27-02-2025	28-02-2025	01-03-2025
6ITA	1	22ESKIT003	AAYUSHMAN SHARMA	P	P	A	A	A
	2	22ESKIT010	Aditya Sharma	P	P	P	P	P
	3	22ESKIT013	Aman Jain	P	P	P	P	P
	4	22ESKIT014	Aman Kharol	P	P	P	P	P
	5	22ESKIT015	Aman Vijayvergiya	P	P	A	A	A
	6	22ESKIT020	Arin Kumawat	P	P	A	A	A
	7	22ESKIT021	Arjun singh mahla	P	A	A	A	A
	8	22ESKIT023	Arvind vishnoi	P	P	A	A	A
	9	22ESKIT033	Devansh Bhardwaj	P	P	A	A	A
	10	22ESKIT034	Devansh Chalana	P	P	A	A	A
	11	22ESKIT035	Dewansh Parashar	P	P	A	A	A
	12	22ESKIT038	Divanshu Jain	P	P	P	P	P
	13	22ESKIT045	Garvit saini	P	A	A	A	A
	14	22ESKIT047	Gaurav	P	P	P	P	P
	15	22ESKIT057	Harshit Garg	P	P	P	P	P
6ITB	16	22ESKIT072	Karan Asija	P	P	P	P	P
	17	22ESKIT081	Khushi Sharma	P	P	P	P	P
	18	22ESKIT084	Kshitij Agrawal	P	P	P	A	A
	19	22ESKIT092	Manish Sharma	P	A	A	A	A
	20	22ESKIT093	Mayank Tak	P	P	P	P	P
	21	22ESKIT103	Naveen Jangid	P	P	P	P	P
	22	22ESKIT104	Nihal Chand Mandhana	P	P	P	P	P
	23	22ESKIT122	Prerak khunteta	P	P	A	A	A
	24	22ESKIT125	Pulkit Aashiya	P	A	A	P	A
	25	22ESKIT127	Pulkit Vyas	P	P	P	A	A
6ITC	26	22ESKIT132	Rishabh matoliya	P	A	A	A	A
	27	22ESKIT134	Rohit Batra	P	P	P	P	P
	28	22ESKIT135	Rubi gupta	P	P	P	P	P
	29	22ESKIT136	Ruchi Gupta	P	P	P	P	P
	30	22ESKIT137	Ruchi khemka	P	P	P	P	P
	31	22ESKIT140	Sachin singh Rawat	P	P	P	P	P
	32	22ESKIT143	Saksham Agarwal	P	A	A	A	A
	33	22ESKIT144	Saksham Jain	P	P	P	P	P
	34	22ESKIT149	Shivam Kaushal	P	P	A	P	A
	35	22ESKIT152	Shreya Heda	P	P	P	P	P

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	36	22ESKIT156	Shubham Upadhyay	P	P	P	P	P
	37	22ESKIT157	Shubhanjali Sahgal	P	P	P	P	P
	38	22ESKIT158	Shubhi Jindal	P	P	P	P	P
	39	22ESKIT160	Siddhika Mathur	P	P	P	P	P
	40	22ESKIT167	Tanishq Jaiswal	P	P	P	P	P
	41	22ESKIT169	Tanmay Kumawat	P	P	P	P	P
	42	22ESKIT177	Vaibhav Saxena	P	P	P	P	P
	43	22ESKIT179	Varun parmar	P	A	P	P	P
	44	22ESKIT185	Vishal sharma	P	P	P	P	P
	45	22ESKIT187	Yash chhonkar	P	P	P	P	A
	46	22ESKIT189	Yash Pareek	P	P	A	P	P
	47	22ESKIT190	Yashasvi Pandey	P	P	P	P	P
	48	22ESKIT191	Yatharth Bajaj	P	P	P	P	P
	49	22ESKIT303	Naitik garg	P	P	P	P	P
	50	22ESKIT305	Khushi purohit	P	P	P	P	P
	51	23ESKIT200	Nishith Namdev	P	P	P	P	P
4ITA	52	23ESKIT001	Aaditya Singh Naruka	P	P	P	A	P
	53	23ESKIT004	Abhinav Goyal	P	P	P	P	P
	54	23ESKIT006	Abhishek Mangal	P	P	P	P	P
	55	23ESKIT011	Aditya Jatav	P	P	P	A	P
	56	23ESKIT012	Aditya Kumar Sharma	P	P	P	A	A
	57	23ESKIT014	Ajay Kumar Kumawat	P	P	P	P	P
	58	23ESKIT017	Alfez Khan	P	P	P	P	P
	59	23ESKIT024	Arpita vijayvergiya	P	P	P	P	P
	60	23ESKIT025	Arushi Khatri	P	P	P	P	P
	61	23ESKIT026	Ashiv Kumar nagar	P	P	P	P	P
	62	23ESKIT031	Ayush Sharma	P	P	P	A	A
	63	23ESKIT033	Balram Charaniya	P	P	P	P	P
	64	23ESKIT055	Gunwant Singh Hada	P	P	P	A	A
	65	23ESKIT060	Hemang khandelwal	P	P	A	P	P
4ITB	66	23ESKIT069	Jai Khandelwal	A	P	P	P	P
	67	23ESKIT080	Ketan Bansal	P	P	A	P	P
	68	23ESKIT081	Kovid gupta	P	P	P	P	P
	69	23ESKIT082	Kratika Sharma	P	P	P	P	P
	70	23ESKIT095	Manas Gupta	P	P	P	P	A
	71	23ESKIT101	Mayank kumar	P	P	P	P	P
	72	23ESKIT103	Mehul Dangda	P	P	P	P	P
	73	23ESKIT127	Pratik Raj	P	P	P	P	P

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4ITC	74	23ESKIT150	Sandesh Gupta	P	P	P	A	A
	75	23ESKIT151	Sanskriti Agrawal	A	A	P	P	P
	76	23ESKIT156	Shivansh Ajmera	P	P	A	A	A
	77	23ESKIT159	Shreya Shrivastav	P	P	P	P	P
	78	23ESKIT170	Sumit Saini	P	P	P	P	P
	79	23ESKIT176	Tanmay Malhotra	P	P	P	P	P
	80	23ESKIT182	Vanshika Singh Chauhan	P	P	P	P	P
	81	23ESKIT187	Yash Goyal	P	P	P	P	A

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16. Workshop Feedback Analysis: -

- **Positive Aspects**

Participants expressed significant appreciation for several elements of the workshop:

- **Active Participation:** Attendees appreciated the interactive format, noting that group discussions and hands-on activities made them more engaged and encouraged collaboration. They felt that this approach kept the sessions dynamic and enjoyable.
- **Trainer's Expertise:** Many participants praised the trainer's knowledge and ability to explain complex topics in a clear and relatable way, making the learning experience more effective. The trainer's enthusiasm and approachable style also made it easier to ask questions.
- **Useful Resources:** The availability of various materials, including handouts, digital content, and additional readings, was well received. These resources were seen as helpful both during and after the workshop, allowing participants to revisit key concepts at their own pace.

- **Areas for Improvement**

While the feedback was largely positive, several areas for improvement stood out:

- **Longer Workshop Duration:** Although the 5-day format was informative, many felt that extending it to 10 days would provide more time to absorb the material, practice skills, and participate in deeper discussions. A longer duration could also allow for more personalized guidance and hands-on exercises.

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- **Post-Workshop Follow-ups:** Participants suggested hosting virtual follow-up sessions a few weeks after the workshop to reinforce key concepts and provide ongoing support. These sessions could help address challenges faced while applying the knowledge and ensure continuous learning.

- **Detailed Feedback Distribution**

To accurately assess participants' experiences during the workshop, this section presents quantitative ratings for key aspects such as audibility, clarity, hands-on activities, trainer's expertise, interaction, teaching quality, and overall experience. The percentages and rating distribution will highlight key trends from the feedback, providing a clear view of participant sentiments in these essential areas.

- **Quantitative Rating Overview**

The following table summarizes the average ratings across various dimensions based on a scale from 1 to 5, with 1 being the lowest and 5 being the highest:

Feedback Category	Rating (Average)	Percentage of Participants Rating 4-5
Audibility	4.3	85%
Clarity	4.5	88%
Hands-on Approach	4.2	82%
Trainer's Ability	4.7	92%
Interaction	4.4	86%
Teaching Quality	4.2	80%
Overall Experience	4.5	88%

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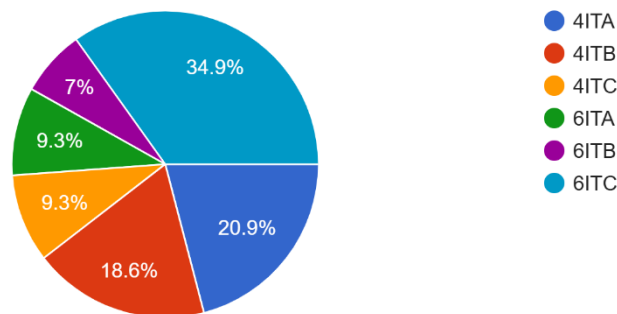
- **Visualizing Feedback Distribution**

Pie charts will be used to visually represent the distribution of ratings across different categories. This method allows stakeholders to quickly identify trends, recognize areas for improvement, and build on existing strengths. Analyzing these distributions provides valuable insights into participant preferences and helps shape actionable recommendations for future workshops.

- **Visual Representation**

A pie chart will be used to illustrate participant feedback, providing a clear view of satisfaction levels across various workshop categories. This visual representation will help stakeholders quickly grasp trends, assess overall experiences, and identify areas for improvement.

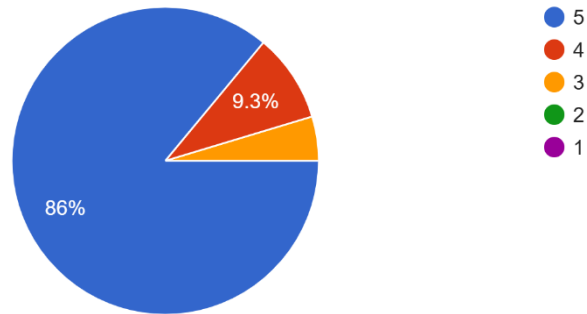
Section
43 responses



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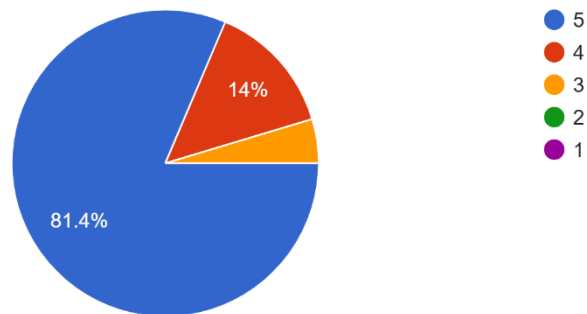
Audibility of lecture

43 responses



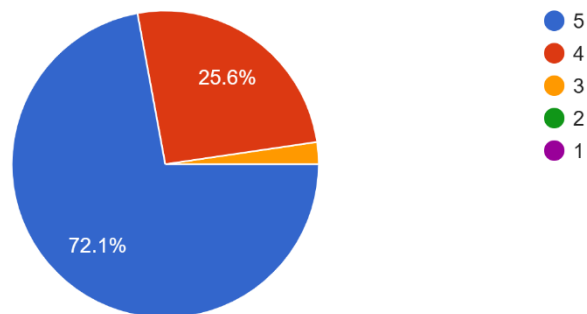
Clarity of presentation

43 responses



Hands on practical approach

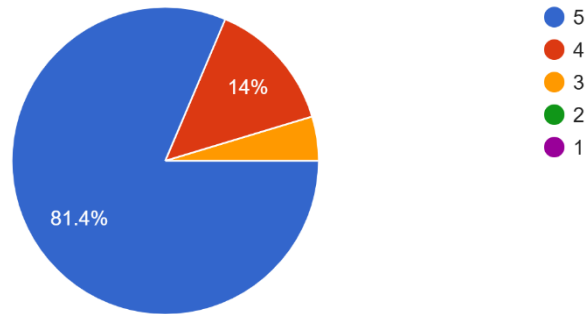
43 responses



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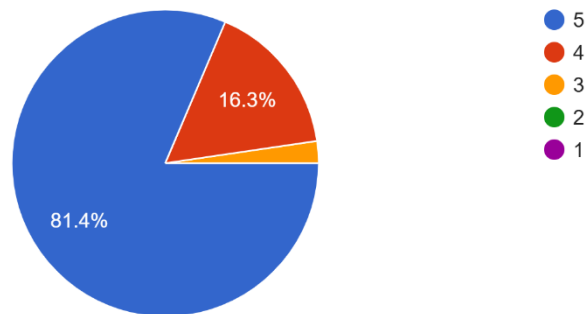
Ability of the trainer to identify the learning needs of the trainees

43 responses



How would you rate the instructor's knowledge and delivery?

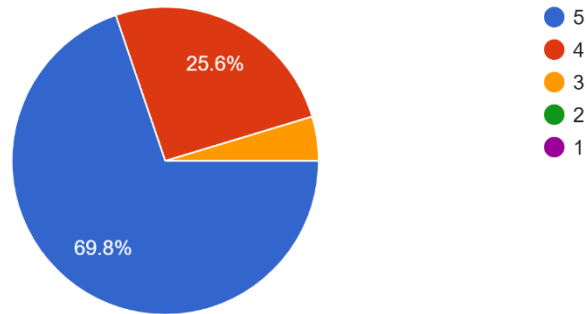
43 responses



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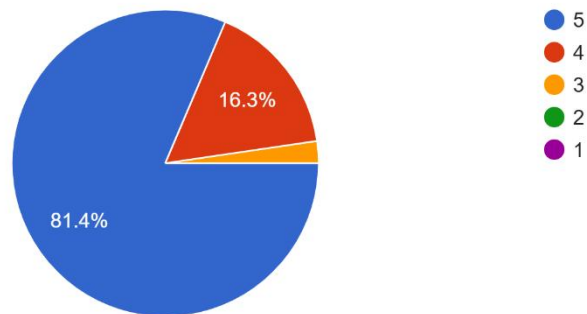
How would you rate the clarity and effectiveness of the workshop content?

43 responses



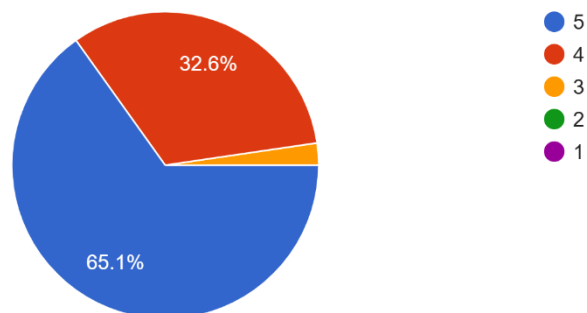
Overall quality of teaching

43 responses



Overall experience of workshop

43 responses



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17. Glimpses of the workshop: -



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18. News of Workshop completion: -

स्वामी केशवानंद संस्थान में डेवऑप्स कार्यशाला का सफल आयोजन



आयुष-अन्तिमा नेटवर्क

जयपुर (श्रीराम इंदौरिया)। स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी के इन्फॉर्मेशन टेक्नोलॉजी (आईटी) विभाग द्वारा आईईईईई कंप्यूटर सोसाइटी और अपफ्लेयर्स प्राइवेट लिमिटेड के सहयोग से 'एक्सप्लोरिंग डेवऑप्स' विषय पर पांच दिवसीय कार्यशाला का सफल आयोजन किया गया। इस कार्यशाला का उद्देश्य प्रतिभागियों को डेवऑप्स, क्यूबेरनेट्स, जेकिन्स और क्लाउड ऑटोमेशन जैसे उन्नत तकनीकी विषयों में प्रशिक्षण प्रदान करना था। कार्यशाला का संचालन आईटी विभागाध्यक्ष डॉ. अनिल चौधरी और विभागीय संकाय सदस्यों के मार्गदर्शन में किया गया। इसमें आईटी विभाग के 75 से अधिक छात्रों ने भाग लिया। विशेषज्ञ आकाश गौर, गुरूप्रीत सिंह और विक्रम सिंह ने प्रतिभागियों को डेवऑप्स टूल्स और ऑटोमेशन तकनीकों पर व्यावहारिक प्रशिक्षण प्रदान किया। कार्यशाला के दौरान डॉकर, वर्जन कंट्रोल, लिनक्स स्क्रिप्टिंग, जेकिन्स बेसिक्स, जेकिन्स पाइपलाइन, जीरा, कंटेनराइजेशन और इन्फ्रास्ट्रक्चर एज कोड (IaC) जैसी आधुनिक अवधारणाओं पर विस्तृत सत्र आयोजित किए गए। इन सत्रों के माध्यम से छात्रों को न केवल तकनीकी ज्ञान प्राप्त हुआ, बल्कि उन्हें वास्तविक औद्योगिक चुनौतियों का अनुभव भी मिला। कार्यशाला का सफल संचालन संकाय समन्वयक सुश्री ऋतु शुक्ला और सुश्री आस्था जोशी के सहयोग से संपन्न हुआ। आयोजन समिति में डॉ. विपिन जैन, डॉ. प्रियंका यादव, प्रवीण यादव, डॉ. सरोज अग्रवाल और जगेंद्र सिंह चौधरी की महत्वपूर्ण भूमिका रही। इस कार्यशाला के माध्यम से छात्रों को डेवऑप्स क्षेत्र की नवीनतम तकनीकों से अवगत कराते हुए उनकी समस्या समाधान क्षमताओं को विकसित किया गया। प्रशिक्षकों और संस्थान के सहयोग से प्रतिभागी अब डेवऑप्स के क्षेत्र में एक सफल करियर के लिए बेहतर रूप से तैयार हैं।

स्वामी केशवानंद संस्थान में डेवऑप्स कार्यशाला का सफल आयोजन



(शुभ लहर तरंग नेटवर्क)

जयपुर (श्रीराम इंदौरिया)। स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी के इन्फॉर्मेशन टेक्नोलॉजी (आईटी) विभाग द्वारा आईईईईई कंप्यूटर सोसाइटी और अपफ्लेयर्स प्राइवेट लिमिटेड के सहयोग से 'एक्सप्लोरिंग डेवऑप्स' विषय पर पांच दिवसीय कार्यशाला का सफल आयोजन किया गया। इस कार्यशाला का उद्देश्य प्रतिभागियों को डेवऑप्स, क्यूबेरनेट्स, जेकिन्स और क्लाउड

ऑटोमेशन जैसे उन्नत तकनीकी विषयों में प्रशिक्षण प्रदान करना था। कार्यशाला का संचालन आईटी विभागाध्यक्ष डॉ. अनिल चौधरी और विभागीय संकाय सदस्यों के मार्गदर्शन में किया गया। इसमें आईटी विभाग के 75 से अधिक छात्रों ने भाग लिया। विशेषज्ञ आकाश गौर, गुरूप्रीत सिंह और विक्रम सिंह ने प्रतिभागियों को डेवऑप्स टूल्स और ऑटोमेशन तकनीकों पर व्यावहारिक प्रशिक्षण प्रदान किया। कार्यशाला के दौरान

डॉकर, वर्जन कंट्रोल, लिनक्स स्क्रिप्टिंग, जेकिन्स बेसिक्स, जेकिन्स पाइपलाइन, जीरा, कंटेनराइजेशन और इन्फ्रास्ट्रक्चर एज कोड (IaC) जैसी आधुनिक अवधारणाओं पर विस्तृत सत्र आयोजित किए गए। इन सत्रों के माध्यम से छात्रों को न केवल तकनीकी ज्ञान प्राप्त हुआ, बल्कि उन्हें वास्तविक औद्योगिक चुनौतियों का अनुभव भी मिला। कार्यशाला का सफल संचालन संकाय समन्वयक सुश्री ऋतु शुक्ला और सुश्री आस्था जोशी के सहयोग से संपन्न हुआ। आयोजन समिति में डॉ. विपिन जैन, डॉ. प्रियंका यादव, प्रवीण यादव, डॉ. सरोज अग्रवाल और जगेंद्र सिंह चौधरी की महत्वपूर्ण भूमिका रही। इस कार्यशाला के माध्यम से छात्रों को डेवऑप्स क्षेत्र की नवीनतम तकनीकों से अवगत कराते हुए उनकी समस्या समाधान क्षमताओं को विकसित किया गया। प्रशिक्षकों और संस्थान के सहयोग से प्रतिभागी अब डेवऑप्स के क्षेत्र में एक सफल करियर के लिए बेहतर रूप से तैयार हैं।

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19. Sample copy of the participants certificate:-

