



SMVITM

Activity Request form

Academic Year	2021-22		
Department/Section/ Committee/Cell	Department of CSE in association with ISTE		
Name of the Activity	Two days workshop on DevOps and AWS Industrial tools		
Target Audience	6 th and 8 th sem students of CSE		
Activity Date(s)	20 th to 21 st May 2022	Time	9.30 am to 4.30 pm
Venue	CCC/CAED Lab, Admin Block		
Resource Person	Mr. Pradeep Kumar T V, Lead Engineer, HCL Technologies Ltd.		

Expected expenditure		
S. No.	Description	Amount
1	Honorarium for Speaker (total for 2 days)	10000
2	TA for the speaker	2000
Total		12000
Source of fund (Sponsorship/Registration fee)		
S. No.	Description	Amount
1	ISTE	12000
Total		
Financial support required from the Institute		NIL

Sneha N.S (CSE)	<i>[Signature]</i> 9/5/22
Name of the Coordinator	Signature with date
	<i>[Signature]</i> 9/5/22
	Signature of the HoD
Remarks by IQAC	
May be conducted	<i>[Signature]</i> 9/5/22
	Signature
Remarks by Principal	
Proceed	<i>[Signature]</i> 11-5-2022
	Signature

[Signature]
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

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SMVITM

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

In association with

ISTE STUDENT CHAPTER



is Organizing a

Two days workshop on

DevOps and AWS Industrial Tools



Pradeep Kumar T V
Lead Engineer
HCL Technologies Ltd.

MAY

20th & 21st

FOR
REGISTRATION



Maximum participants allowed : 35
Registration fee : Rs 150/- per participant

“Participants have to
bring their own **Laptops**”

NOTE : Hardcopy of the certificate will be given to all participants who attend the complete workshop and clear the assessment at the end of the session.

Visiting Faculty
Dept. Dist.
Edu. Officer

HOD - CSE

Dear students,

Department of Computer Science and Engineering in association with the ISTE Student Chapter is organizing **two days** workshop on "**DevOps and AWS industrial tools**" for students of 6th and 8th semester CSE on 20th and 21st May 2022. from 9.30 am to 4.30 pm.

The resource person will be **Mr. Pradeep Kumar T V, Lead Engineer, HCL Technologies Ltd.**

Guidelines for the workshop:

1. Registration through the **Registration link** shared here is **MANDATORY**.
2. The Registration fee of **150 rupees** must be **paid for confirming** the registration, **after you have filled the registration form online**, to Ms. SNEHA N S, Asst. Prof, Dept. of CSE on or before **14th May 2022**. Selection will be made based on **first cum first serve** basis.
3. Maximum number of participants: 35
4. Participants must bring their **OWN LAPTOPS TO WORK WITH THE TOOLS**
5. **HARD COPY** of the Certificate with the **Signature of the Resource person** will be provided to all the participants who attend all the sessions

Kindly go through the flyer and Contents to be covered in the two days Attached here.

Highlights of the workshop:

- After the workshop, further materials will be provided to work at your leisure
- Exposure to the most relevant industrial tools, which will be helpful for placements for 6th sem students and also basic knowledge for 8th sem students.
- Receive a Hard Copy of the certificate.

For further Queries regarding the workshop, Kindly contact Ms. SNEHA N S, Asst. Prof, Dept. of CSE

REGISTRATION LINK :

<https://forms.gle/J6DALaVr3XkYCBdH6>

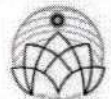
Thanks & Regards

Dr. Nagaraj Bhat

B.E., M.Tech., Ph.D.

Associate Professor and Head

Department of computer science and Engineering



SMVITM

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Email: cs@smvite.edu.in

Pradeep

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Two days workshop on “DevOps and AWS Industrial Tools”

Contents that will be covered:

DevOps Introduction

- Traditional Software Development Life Cycle
- Waterfall Model
- About Agile Methodology
- What is DevOps?
- DevOps Tools
- What is CI and CD
- DevOps as a profession – DevOps Engineer

AWS

- Introduction to Cloud Computing
- Introduction to AWS Cloud Computing
- Understanding AWS Regions & Availability Zones.
- Understanding IP Addressing & Subnetting.
- AMI - Amazon Machine Image
- EBS – Elastic Block Store?
- Snapshot
- Security Groups
- IP Addressing
- IAM
- Users & Policies
- ELB Elastic Load Balancer
- Auto Scaling
- What is a VPC(Virtual Private Cloud)


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DevOps Tools

Git:

- Introduction to Git version control application
- Git Repositories
- Adding, Committing
- GitHub Branches, Merging
- Understanding stash, diff, rebase, fetch, pull, push.

Maven:

- Maven Life Cycle
- Pom.xml

Docker:

- Introduction to Containers & Docker
- Docker architecture & Docker repositories
- Pull, Create & Upload Docker images
- Using Dockerfile

Kubernetes:

- Introduction to Kubernetes
- Kubernetes Architecture
- Deploying PODS, Services, Deployments

Ansible:

- Introduction to Ansible
- Ansible Playbooks
- Ansible Roles

Jenkins:

- Introduction to Jenkins
- Features & Master-Slave Architecture of Jenkins.
- Jenkins Job, Pulgins.
- Scripted and Declarative Pipelines.


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Eranakul - 574 715

ACTIVITY REPORT

Academic Year	2021-22
Name of activity	Two days workshop on DevOps and AWS Industrial tools
Resource Speakers	Mr. Pradeep Kumar T V, Lead Engineer, HCL Technologies Ltd.
Date	20 th May to 21 st May 2022
Time	9 am to 4.30 pm
Venue	CCC/CAED Lab, Admin Block
Target Audience	5 th and 8 th sem students of CSE
No. of participants	40

Pictures of the Event:



Latitude : 13.254405 Longitude :74.785143

Department of Computer Science and Engineering in association with ISTE Faculty Chapter of SMVITM, organized Two Days Workshop on “DevOps and AWS Industrial Tools” from 20th May to 21st May 2022. Mr. Pradeep Kumar T V, Lead Engineer at HCL Technologies Ltd. was the resource person for the event.. Around 40 students from all the 5th and 8th semester CSE participated in the Workshop.

Pradeep

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The event was inaugurated on the morning of 20th May in the presence of the Mr. Pradeep Kumar T V, the resource person, Prof. Dr. Thirumaleshwara Bhat - the Principal of the college, Dr. Nagaraj Bhat - HOD of CSE and Ms. Sneha N S - Senior Assistant Professor, Department of CSE along with other teaching and non-teaching staff members and registered participants.

The resource person started with AWS (Amazon Web Services). He illustrated the concept of Virtual Private Cloud and its various terminologies. Then a hands-on demonstration was made on Git and GitHub - a tool for Version Control and Collaboration. Few Linux Shell Commands were also demonstrated. On the second day the resource person gave a hands-on demonstration on Docker and Kubernetes in Play with Docker and Play with Kubernetes, a Web based tool. Downloading images from DockerHub and Containerizing them with Docker was demonstrated. The speaker also told about various other Docker commands like docker swarm, etc. Then the speaker demonstrated Jenkins - a tool for Continuous Integration and Continuous Deployment (CI/CD). He showed the participants how to set up Jenkins in their systems and demonstrated it by taking a real world example. He also briefly talked about Ansible - a configuration management tool. The speaker concluded the session by showcasing various job opportunities in numerous IT companies through various career portals like Naukri. The event was concluded on 21st May 2022. Various students shared their feedback.

Ganesh Hathwar B S of 8th semester CSE helped the organizing team in designing the flyer for the event. Shrutha V Bhat from 6th semester CSE designed the certificate. Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Dr. Nagaraj Bhat HOD Computer Science and Engineering Department, and Ms. Sneha N S faculty from Computer Science and Engineering Department played a major role in the smooth conduction of the event.

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SMVITM



ISTE Workshop on "DevOps and AWS Industrial Tools"
Resource Person: Pradeep Kumar T V, Lead Engineer, HCL Technologies Limited
20th and 21st May 2022

Attendance Sheet for 20th May 2022, Friday

Sl. No.	Name	Email Address	USN	Department	Sem	Sec	Morning	Afternoon
1	Manvitha Ananth Nilekani	manvitha.19cs055@sode-edu.in	4MW19CS055	CSE	6	A		
2	Manish Prakash Shriyan	manish.19cs052@sode-edu.in	4MW19CS052	CSE	6	A		
3	Karthik V Shetty	karthik.19cs046@sode-edu.in	4MW19CS046	CSE	6	A		
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5	Manish Kumar HJ	manish.19cs051@sode-edu.in	4MW19CS051	CSE	6	A		
6	Karthik H amin	karthik.19cs045@sode-edu.in	4mw19cs045	CSE	6	A		
7	Akshay kumar	akshay.19cs007@sode-edu.in	4mw19cs007	CSE	6	A		
8	Jnanesh B S	jnanesh.19cs042@sode-edu.in	4mw19cs042	CSE	6	A		
9	Eshaan U Kundar	eshaan.19cs034@sode-edu.in	4MW19CS034	CSE	6	A		

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27	Rakshith H Kalmadi	rakshith.19cs074@sode-edu.in	4MW19CS074	CSE	6	B	<i>Rakshith</i>	<i>Rakshith</i>
28	Vishal	vishal.19cs117@sode-edu.in	4mw19cs117	CSE	6	B	<i>Vishal</i>	<i>Vishal</i>

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ISTE Workshop on "DevOps and AWS Industrial Tools"

Resource Person: Pradeep Kumar T V, Lead Engineer, HCL Technologies Limited

20th and 21st May 2022

Attendance Sheet for 21st May 2022, Saturday

I. No.	Name	Email Address	USN	Department	Sem	Sec	Morning	Afternoon
1	Manvitha Ananth Nilekani	manvitha.19cs055@sode-edu.in	4MW19CS055	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>
2	Manish Prakash Shriyan	manish.19cs052@sode-edu.in	4MW19CS052	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>
3	Karthik V Shetty	karthik.19cs046@sode-edu.in	4MW19CS046	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>
4	Abhinava Karanth	abhinava.19cs001@sode-edu.in	4MW19CS001	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>
5	Manish Kumar HJ	manish.19cs051@sode-edu.in	4MW19CS051	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>
6	Karthik H amin	karthik.19cs045@sode-edu.in	4mw19cs045	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>
7	Akshay kumar	akshay.19cs007@sode-edu.in	4mw19cs007	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>
8	Jnanesh B S	jnanesh.19cs042@sode-edu.in	4mw19cs042	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>
9	Eshaan U Kundar	eshaan.19cs034@sode-edu.in	4MW19CS034	CSE	6	A	<i>[Signature]</i>	<i>[Signature]</i>

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24	Vikram Girish Thunga	vikram.19cs116@sode-edu.in	4MW19CS116	CSE	6	B	<i>Vikram</i>	<i>Vikram</i>
25	Shrutha V Bhat	shrutha.19cs094@sode-edu.in	4MW19CS094	CSE	6	B	<i>Shrutha</i>	<i>Shrutha</i>
26	Rakshith Acharya	rakshith.19cs121@sode-edu.in	4MW19CS121	CSE	6	B	<i>Rakshith</i>	<i>Rakshith</i>
27	Rakshith H Kalmadi	rakshith.19cs074@sode-edu.in	4MW19CS074	CSE	6	B	<i>Rakshith</i>	<i>Rakshith</i>
28	Vishal	vishal.19cs117@sode-edu.in	4mw19cs117	CSE	6	B	<i>Vishal</i>	<i>Vishal</i>


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SLNO	Name	USN	Email ID	Contact Number	Department	Semester	Section	How was the event?	How relevant and helpful do you think it was?	What was your key takeaway from this event?	How satisfied were you with the session content?	Where do you think you will apply the knowledge gained from this session?	Any overall feedback for the event?
25	Gautam N Shet	4MW19CS036	goutham.19cs036@sode-edu.in	8749049153	Computer Science and Engineering	6	A	Good	3	Gained knowledge about Amazon web servers and DevOps and learned various commands..	4	Research	Was a good interactive session..
26	Eshaan U kundar	4MW19CS034	eshaan.19cs034@sode-edu.in	9611100651	Computer Science and Engineering	6	A	Good	4	Learnt about git hub,git bash	4	Projects	Good
27	Manish Prakash Shriyan	4MW19CS052	Manish.19cs052@sode-edu.in	8105105969	Computer Science and Engineering	6	A	Very Good	4	Better Understanding Of the Cloud .	4	Projects, Academics, Research	Good
28	Shrutha V Bhat	4MW19CS094	shrutha.19cs094@sode-edu.in	8088335097	Computer Science and Engineering	6	B	Very Good	5	It was a very good workshop. We learnt about AWS, VPC, Cloud, Kubernetes etc	5	Projects, Research	It was very good
29	Rakshith H Kalmadi	4MW19CS074	rakshithkalmadi@gmail.com	7090533419	Computer Science and Engineering	6	B	Good	4	Learnt about how cloud works and some glimpses about Devops	4	Projects, Academics	It was a great workshop and got to know about the concept and trends of industry.


Principal
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INSTITUTE OF TECHNOLOGY & MANAGEMENT
 Vishwothama Nagar, Udipi Dist.
 BANTAKAL - 574 115

SL.NO	Name	USN	Email ID	Contact Number	Department	Semester	Section	How was the event?	How relevant and helpful do you think it was?	What was your key takeaway from this event?	How satisfied were you with the session content?	Where do you think you will apply the knowledge gained from this session?	Any overall feedback for the event?
1	Prajwal Shetty	4MW18CS055	prajwal.18cs055@sode-educ.in	7338495886	Computer Science and Engineering	8	B	Good	4	Use of git and docker	5	Academics	It was nice Would appreciate the resource person to provide more hands-on training over theoretical lectures. However, the resource person did a pretty good job for his first workshop :)
2	Aninditha	4MW18CS007	aninditha.18cs007@sode-educ.in	8748031041	Computer Science and Engineering	8	A	Good	3	Introduced to various new server engines and to container technology	3	Industry	
3	Krishnamurthi Bhagawath	4MW18CS039	krishnamurthi.18cs039@sode-educ.in	9071108673	Computer Science and Engineering	8	A	Good	4	Learning docker	4	Projects	Good
4	Ananya Bhat	4MW18CS006	ananya.18cs006@sode-educ.in	9036825554	Computer Science and Engineering	8	A	Very Good	5	Basic knowledge about various tools.	5	Projects	It was a very useful session and I hope to attend many more.
5	Sumantha Shettigar	4MW19CS122	sumantha.19cs122@sode-educ.in	9902280543	Computer Science and Engineering	6	B	Good	4	Knowledge of DevOps, Github, Gitbash, AWS, K8S, Docker, Ansible etc	4	Projects, Academics, Research	It was good but to cover all the topics need more days. The workshop may be extended I guess.
6	Raksha B Kottari	4mw19cs073	raksha.19cs073@sode-educ.in	9845292714	Computer Science and Engineering	6	B	Very Good	5	Route map to learn aws	5	Projects	No
7	Rakshith Acharya	4MW19CS121	rakshith.19cs121@sode-educ.in	9606345405	Computer Science and Engineering	6	B	Good	5	Learn many things as a fresher also to get started with it.	5	Projects	Overall good
8	Vikram Girish Thunga	4MW19CS116	vikram.19cs116@sode-educ.in	8088528713	Computer Science and Engineering	6	B	Good	5	We learnt about AWS, Cloud, VPC which are very relevant in the field.	5	Projects, Research	Good The session was very interesting and effective one
9	Shreya S	4mw19cs093	poojaryshreya2001@gmail.com	7411480407	Computer Science and Engineering	6	B	Good	4	From this event I learnt many things related to web application	5	Projects, Academics	
10	SMITHA	4MW18CS081	smitha.18cs081@sode-educ.in	9481041722	Computer Science and Engineering	8	B	Very Good	5	Good knowledge	5	Projects, Academics, Research	Very helpful session.
11	Vishal Chalawadi	4MW19CS117	vishal.19cs117@sode-educ.in	8086756336	Computer Science and Engineering	6	B	Good	5	Topics on AWS and Devops and what the IT industry world needs..	5	Projects	Pradeep sir what very supportive through this event and covered the topics very clearly..
12	Sharana K U	4MW18CS070	sharana.18cs070@sode-educ.in	9663024190	Computer Science and Engineering	8	B	Very Good	5	Using Docker, Kubernetes, Creating free AWS EC2 instance.	4	Projects, Academics	Instructor provided information about DevOps and AWS services, which helps in future. A very good session that we gained lots of information and skills.
13	Shreya Subhashchandra Shetty	4MW18CS079	shreya.18cs079@sode-educ.in	78995 77512	Computer Science and Engineering	8	B	Very Good	5	AWS and foundations of data storage using cloud	5	Industry and organisational needs	It was a very useful and good session to learn about DevOps and Cloud.
14	Manish Kumar HJ	4MW19CS051	manish.19cs051@sode-educ.in	7348943231	Computer Science and Engineering	6	A	Good	4	Learnt the basics of Linux - os AWS - cloud platform GR - version control Maven - build tool Jenkins Docker Kubernetes Ansible	4	Projects	It was good....
15	Akash	4mw19cs004	akash.19cs004@sode-educ.in	9380037471	Computer Science and Engineering	6	A	Very Good	5		5	Projects	Good
16	Akash G S Kumar	4MW19CS005	akash.19cs005@sode-educ.in	9480733828	Computer Science and Engineering	6	A	Good	4		4	Projects	Excellent session.
17	Jnanesh B S	4MW19CS042	jnanesh.19cs042@sode-educ.in	8217594751	Computer Science and Engineering	6	A	Good	4	Basics DevOps and AWS Industrial Tools	4	Projects, Research	Good
18	Manvitha Ananth Nilekani	4MW19CS055	manvitha.19cs055@sode-educ.in	7019221553	Computer Science and Engineering	6	A	Average	3	Ideas and learning	3	Projects	Overall good event
19	Hariprasad Bhat K	4MW19CS037	hariprasad.19cs037@sode-educ.in	8277443088	Computer Science and Engineering	6	A	Very Good	4	Knowledge about GitHub, Gitbash, AWS	4	Projects, Academics	Good
20	Yajnesh	4MW19CS120	Yajnesh.19cs120@sode-educ.in	09980672985	Computer Science and Engineering	6	B	Good	5	Got an idea about industrial requirement skills	5	Projects, Academics, Research	Its was very informative
21	Akash s Kotian	4MW19CS006	akash.19cs006@sode-educ.in	9481783166	Computer Science and Engineering	6	A	Good	4	Knowledge of gitbash, AWS , docker hub , jenkins .	4	Projects	Good.....
22	ADITHYA M SAMAGA	4MW19CS003	adithya.19cs003@sode-educ.in	9483964064	Computer Science and Engineering	6	A	Good	4	Got to know about AWS	5	Projects, Research	It was good. We learnt many new things.
23	Gaurav Acharya	4MW19CS035	gaurav.19cs035@sode-educ.in	9110852581	Computer Science and Engineering	6	A	Good	5	Learned about dev ops	5	Projects	Good
24	Keerthan K Karkera	4MW19CS048	keerthankarkera@gmail.com	6366039451	Computer Science and Engineering	6	A	Very Good	4	Simple ways to create virtual machines Working on github	5	Academics	Very good session

ಬಂಟಕಲ್ಕು ತಾಂತ್ರಿಕ ಕಾಲೇಜು: ಕಾರ್ಯಾಗರ

ಶಿರ್ಷ. ಮೊ. ೨೬: ಬಂಟಕಲ್ಕು ಬಿ. ಮಧ್ಯವಾದಿರಾತಿ.

ಶಾಂತಿಕೆ ಮಹಾವಿದ್ಯಾಲಯದ ಗಣಕಯಂತ್ರ, ವಿಜ್ಞಾನ ಮತ್ತು ಕಾಲೇಜಿನ ಐಎನ್‌ಐಟಿ ವಿಭಾಗದ ವ್ಯವಸ್ಥಾಪಕರುಗಳ ಸಂಯೋಜನೆಯಡಿ ಇವುಗಳನ್ನು ಮತ್ತು ಅಮೆರಿಕದ ವೆಬ್ ಸೈಟ್‌ಗಳಲ್ಲಿ ಕಂಡುಬಂದ ಬಗ್ಗೆ ಎಂಬ ವಿಷಯದ ಕುರಿತು ಎರಡು ದಿನದ ಕಾರ್ಯಾಗಾರವು ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ ನಡೆಯಿತು.

ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಯಾಗಿ ಐಐಟಿಎಲ್ ಟೆಕ್ನಾಲಜಿಯ ಲಿಮಿಟೆಡ್‌ನ ಎಂಜಿನಿಯರ್ ಪ್ರದೀಪ್ ಕುಮಾರ್ ಬಿ. ಎ. ಅಮೆರಿಕದ ವೆಬ್ ಸೈಟ್‌ಗಳ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿ ವರ್ತುಮಲ್ ವೈವೇಟ್ ಕೌಡ್ ಪರಿಕಲ್ಪನೆಯನ್ನು ಮತ್ತು ಅದರ ವಿವಿಧ ಪರಿಭಾಷೆಗಳನ್ನು ವಿವರಿಸಿದರು. ಕೆಲವು ಕಮಾಂಡ್ ಲೈನ್ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿ ಡಾಕ್ಟರ್ ಹೆಚ್‌ಸಿಎಂ ಚಿತ್ರಗಳನ್ನು ಡೌನ್ ಲೋಡ್ ಮಾಡುವುದು ಮತ್ತು ಅವುಗಳನ್ನು ಡಾಕ್ಟರ್ ನೋಂದಿಗೆ ಕಂಪೈನರೈಸ್ ಮಾಡುವುದನ್ನು ಪ್ರದರ್ಶಿಸಿದರು. ಡಾಕ್ಟರ್ ಕಮಾಂಡ್‌ಗಳ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿ, ಚಿತ್ರಿಸಿ ಎಂಬ ಸಾಧನವನ್ನು ಪ್ರದರ್ಶಿಸಿ, ಅದನ್ನು ಅಳವಡಿಸುವ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿದರು. ವಿವಿಧ ವೃತ್ತಿ ಮೋರ್ಫಲ್‌ಗಳ ಮೂಲಕ



ಹಲವಾರು ಐಟಿ ಕಂಪೆನಿಗಳಲ್ಲಿರುವ ಉದ್ಯೋಗಾವಕಾಶದ ಬಗ್ಗೆ ತಿಳಿಸಿದರು. ಸಂಸ್ಥೆಯ ಪ್ರಾಂಶುಪಾಲ ಡಾ. ತಿರುಮಲೇಶ್ವರ ಹೆಚ್ ಮೂತನಾಡಿದರು.

ಉಪಪ್ರಾಂಶುಪಾಲ ಡಾ. ಗಣೇಶ್ ಐತಾಳ್, ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ. ನಾಗರಾಜ್ ಭಟ್, ಗಣಕ ಯಂತ್ರ ವಿಭಾಗದ ಐಎನ್‌ಐ ಟಿ ಘಟಕದ ಸಂಯೋಜಕಿ ಸ್ನೇಹ ಎಸ್. ಎನ್. ಎನ್ ಉಪಸ್ಥಿತರಿದ್ದರು. ಶ್ರುತ ವಿ ಭಟ್ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಯನ್ನು ಪರಿಚಯಿಸಿದರು.


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Two Days Workshop on “DevOps and AWS Industrial Tools”

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organized a Two Days Workshop on “DevOps and AWS Industrial Tools” on 20th and 21st May 2022. The event was organized by the Department of Computer Science and Engineering in association with the ISTE Student Chapter. Mr. Pradeep Kumar T V, Lead Engineer at HCL Technologies Ltd. was the resource person for the event.

The event was inaugurated on the morning of 20th May in the presence of the Mr. Pradeep Kumar T V, the resource person, Prof. Dr. Thirumaleshwara Bhat - the Principal of the college, Dr. Nagaraj Bhat - HOD of CSE and Ms. Sneha N S - Senior Assistant Professor, Department of CSE along with other teaching and non-teaching staff members and registered participants.

During the Inaugural Ceremony, the HOD, the resource person and the Principal addressed the gathering on the importance of such Value-Added Workshops. Bhargavram Udupa T from 8th semester CSE was the event moderator of the Inaugural Ceremony. Shrutha V Bhat from 6th semester CSE introduced the speaker.

There were around 40 enthusiastic participants for both the days of the workshop. The event was conducted in CAED Lab of Admin Block.

The resource person started with AWS (Amazon Web Services). He illustrated the concept of Virtual Private Cloud and its various terminologies. Then a hands-on demonstration was made on Git and GitHub - a tool for Version Control and Collaboration. Few Linux Shell Commands were also demonstrated. On the second day the resource person gave a hands-on demonstration on Docker and Kubernetes in Play with Docker and Play with Kubernetes, a Web based tool. Downloading images from DockerHub and Containerizing them with Docker was demonstrated. The speaker also told about various other Docker commands like docker swarm, etc. Then the speaker demonstrated Jenkins - a tool for Continuous Integration and Continuous Deployment (CI/CD). He showed the participants how to set up Jenkins in their systems and demonstrated it by taking a real world example. He also briefly talked about Ansible - a configuration management tool. The speaker concluded the session by showcasing various job opportunities in numerous IT companies through various career portals like Naukri.

The event was concluded with an informal valedictory function. Various students shared their feedback.

Ganesh Hathwar B S of 8th semester CSE helped the organizing team in designing the flyer for the event. Shrutha V Bhat from 6th semester CSE designed the certificate

Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Dr. Nagaraj Bhat HOD Computer Science and Engineering Department, and Ms. Sneha N S faculty from Computer Science and Engineering Department played a major role in the smooth conduction of the event.

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Vishwothama Nagar, Bantakal, Udupi - 574 115, Karnataka, India



SMVITM

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

BHARGAVRAM UDUPA T

bearing the USN 4MW18C5018 from FOURTH Year CSE for
participating in the two days workshop on "DevOps and AWS Industrial Tools"
organised by the ISTE Student Chapter and Department of Computer Science and
Engineering, SMVITM, Bantakal on the 20th and 21st of May 2022.

pradeep

Mr. Pradeep Kumar T V
Lead Engineer
HCL Technologies Ltd.

Nagaraj

Dr. Nagaraj Bhat
HOD of CSE
SMVITM, Bantakal

Thirumaleshwara

Prof. Dr. Thirumaleshwara Bhat
Principal
SMVITM, Bantakal

Pradeep

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