



Estd. 1983

Amrutvahini Sheti and Shikshan Vikas Sanstha's

## Amrutvahini College of Engineering, Sangamner



सहस्रसम्वर्षी  
भाऊसाहेब थोसत  
जन्मशताब्दी

- ▶ Approved by AICTE, New Delhi
- ▶ Permanently Affiliated to S. P. P. U., Pune
- ▶ Accredited Fourth time by NBA, New Delhi
- ▶ "A+" Grade by NAAC (C.G.P.A. 3.4)
- ▶ ISO 9001 : 2015 TUV-SUD Certified

- ▶ AICTE ID : 1-7576531
- ▶ D.T.E. Code : EN5162
- ▶ SPPU ID : PU/AN/Engg-024/1983
- ▶ A.I.S.H.E. Code (Ref.No.) : C-41515
- ▶ Nodal Center of ISRO IIRS, Dehradun

Best Engineering College (Professional-Rural) Award (2010, 2020), Best Principal Award (2022-23) by Savitribai Phule Pune University, Pune

### DEPARTMENT OF COMPUTER ENGINEERING

Date: 02/01/2024

## Internship Report

**Date:** 21<sup>st</sup> December 2023 to 1<sup>st</sup> Jan 2024

**Class:** T.E. Students

**Topic:** Expert Lecture on "AWS-DevOps".

**Resource Person:** From InnovationsHub India Pvt Ltd, Nashik.

**Organized By:** Dr. S. K. Sonkar, Mr. R. S. Gaikwad and Prof. J. N. Ganthade

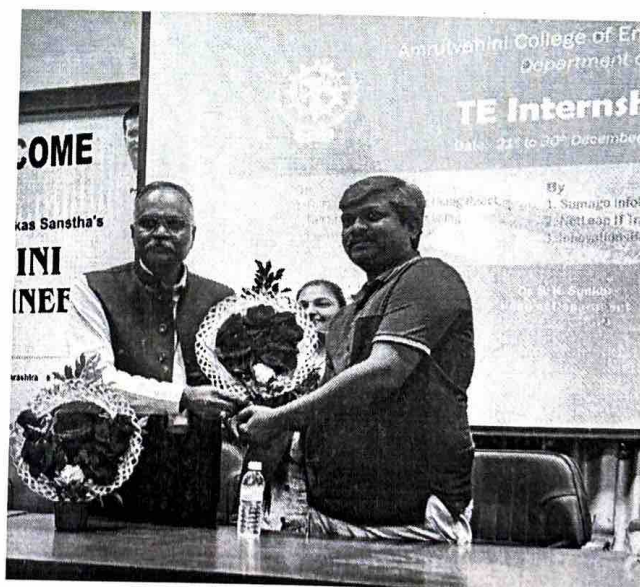
**Total no. of Student Participant:** 28

**Content:**

- Getting Started with Amazon Cloud
- Amazon EC2
- Identity Access Management
- Elastic Load Balancing and auto scaling
- Amazon RDS
- Amazon Simple Storage Services
- Amazon Application Services and AWS Troubleshooting
- Database Services and Route53
- Virtual Private Cloud (VPC) and Direct
- DEVOPS

**Workshop Snapshots:**

**Snapshot1: Felicitation of Resource Person**





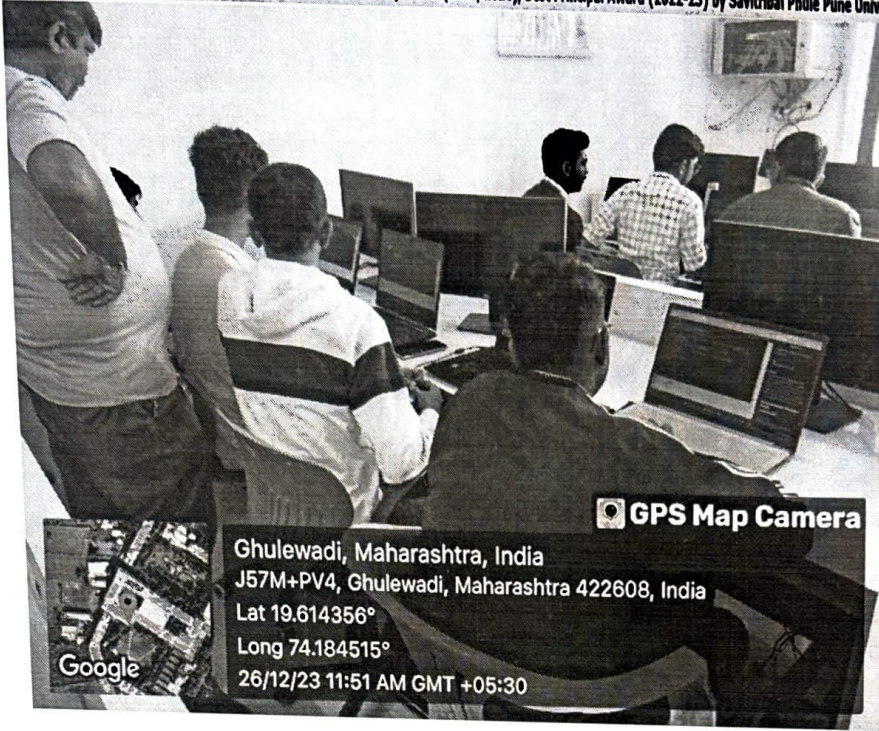
# Amrutvahini College of Engineering, Sangamner



सत्यमेव जयते  
जन्मशताब्दी  
१९४७-२०२३

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Best Engineering College (Professional-Rural) Award (2010, 2020), Best Principal Award (2022-23) by Savitribai Phule Pune University, Pune

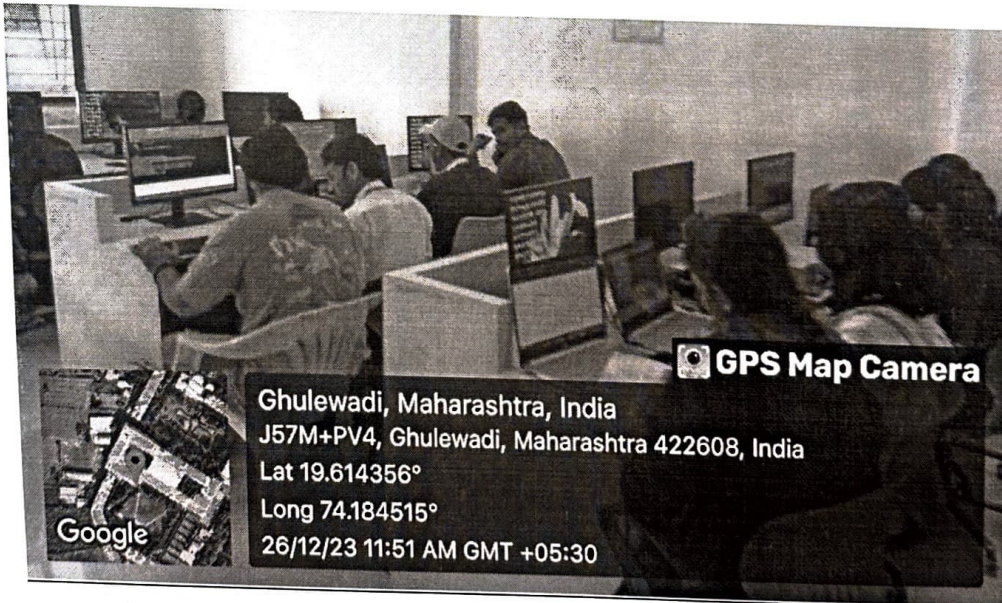


GPS Map Camera

Ghulewadi, Maharashtra, India  
J57M+PV4, Ghulewadi, Maharashtra 422608, India  
Lat 19.614356°  
Long 74.184515°  
26/12/23 11:51 AM GMT +05:30



Snapshot2: Resource Person explaining the Concepts



GPS Map Camera

Ghulewadi, Maharashtra, India  
J57M+PV4, Ghulewadi, Maharashtra 422608, India  
Lat 19.614356°  
Long 74.184515°  
26/12/23 11:51 AM GMT +05:30





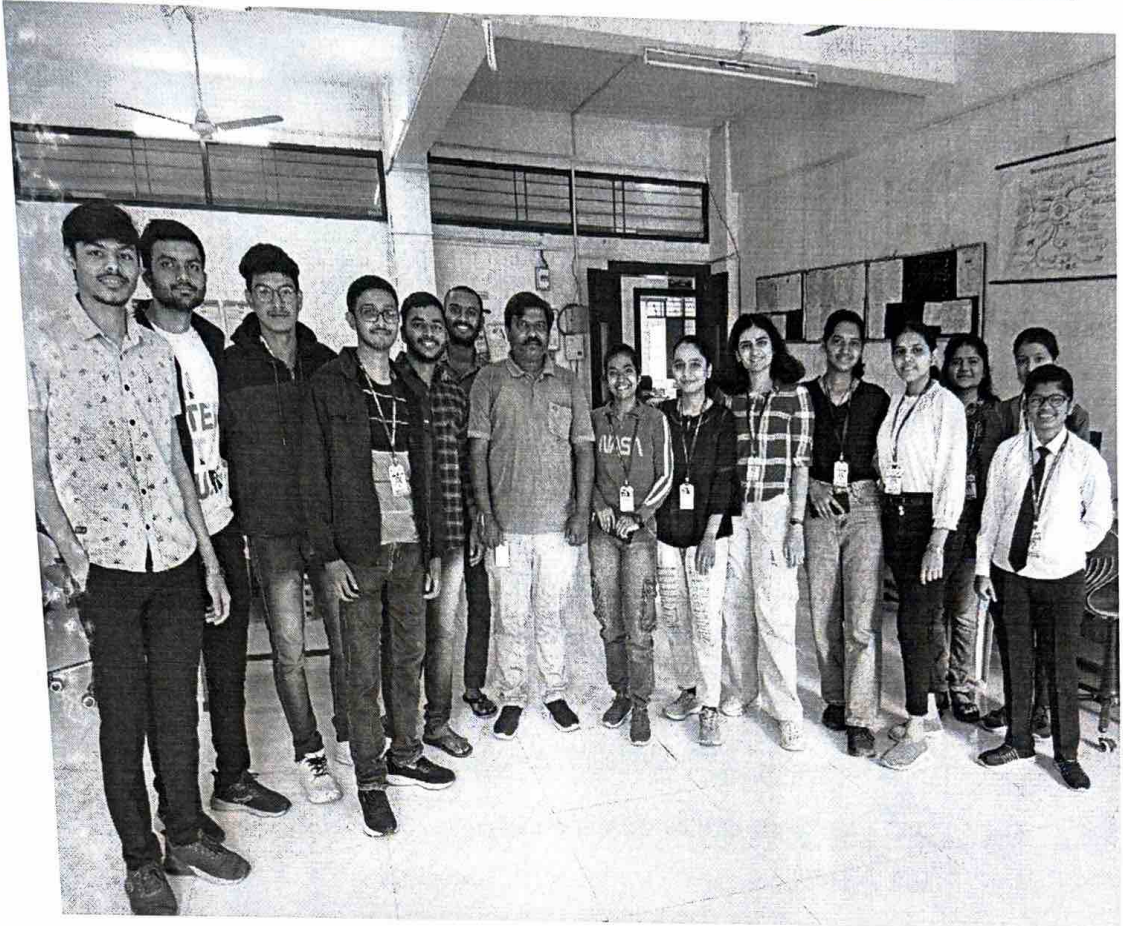
Amrutvahini Sheti and Shikshan Vikas Sanstha's  
**Amrutvahini College of Engineering, Sangamner**



सत्यमेव जयते  
भारतस्य राष्ट्र  
जन्मशताब्दी  
संगमनेर शिवाजी  
विद्यापीठ संस्था  
१९८४-२०१४

- ▶ Approved by AICTE, New Delhi
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Best Engineering College (Professional-Rural) Award (2010, 2020), Best Principal Award (2022-23) by Savitribai Phule Pune University, Pune



Dr. S. K. Sonkar/Mr. R. S. Gaiwad/ Prof. J. N.  
Ganthade  
Coordinators

Dr. S. K. Sonkar  
Head of Department  
HEAD OF THE DEPARTMENT  
(COMPUTER ENGINEERING)  
AMRUTVAHINI COLLEGE OF ENGINEERING  
SANGAMNER - 422608

To,  
The Principal,  
AVCOE Sangamner.

Sub: Permission to Conduct Internship/Training for T.E. Computer Engg.Dept.

R/Sir,

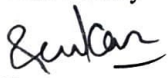
Department of Computer Engineering would like to conduct Internship/ Training courses for T.E. Computer Engg. ., following are the details:


Sr. No	Internship/Training Course	Company Name	Fees	Duration	Approximate No.of Students
1.	Full Stack Development Using ReactJs	Sumago Infotech Pvt.Ltd.Nashik	2000+GST =2360/-	21/12/2023 To 30/12/2023 (10 Days, 60 Hours)	75
2	Full Stack Development using Frontend & Backend	Netleap IT Solution Nashik	2000+GST =2360/-	21/12/2023 To 30/12/2023 (10 Days, 60 Hours)	33
3	AWS-DevOps	InnovationsHub Services Private Ltd. Nashik	2000+GST =2360/-	21/12/2023 To 30/12/2023 (10 Days, 60 Hours)	31

Kindly permit for the same.

Thanking you.

Your's Truly

  
Dr.S.K.Sonkar  
HOD  
Computer Engg.

  
all member  
6.12/23

4.05 PM

Gmail - Course content\_InnovationsHub Services



Shrinivas Sonkar <sonkar83@gmail.com>

## Course content\_InnovationsHub Services

1 message

**Sachin Patil** <sachin.patil@innovationshub.in>  
To: sonkar83@gmail.com

Wed, Dec 6, 2023 at 3:54 PM


Dear Sir,


Based on our discussion, attached you will find course content of industrial training for your information.

Training details:

Duration:10 Days

Fees:2000 Rs.

 Looking forward to your reply.

 Thank you, and take care!

Thanks & Regards,

Sachin Patil

Director

9021721618 | <https://innovationshub.in/>

**InnovationsHub**

Services Private Limited



**AWS & DEVOPS Syallbus.pdf**

39K

Amrutvahini College of Engineering, Sangamner  
Department of Computer Engineering  
Internship

TE

Course: AWS - Devops

Sr. No.	Division	Roll no.	Name of Student	mail id	Internship
1	TE A	3114	BATRA HARDEEP PARAMJIT		AWS/Devops
2	TE A	3119	BHALERAO SAYALI SANDIP		AWS/Devops
3	TE A	3129	DESHMUKH SAKSHI RAJENDRA		AWS/Devops
4	TE A	3131	DESHMUKH SHARAYU KISHOR		AWS/Devops
5	TE A	3141	GANGURDE TEJAS RAMESH		AWS/Devops
6	TE A	3148	GUNJAL OMKAR ANIL		AWS/Devops
7	TE A	3149	Gurap Hrishikesh Manoj	rushikeshmanojgurap3006@gmail.com	AWS/Devops
8	TE A	3159	KAMBALE SHUBHAM ANANT		AWS/Devops
9	TE A	3160	KARANDE NAKUL PANDHARINAT		AWS/Devops
10	TE A	3164	KULDHARAN AADITYA MADHUKA		AWS/Devops
11	TE A	3166	LAHARE ABHINAV ANIL		AWS/Devops
12	TE A	3171	KANKATE SAIRAJ		AWS/Devops
13	TE A	3174	Ghare Shivani Ramdas	shivghare21@gmail.com	AWS/Devops
14	TE B	3201	Mahajan Saurabh Kailas	skm167733@gmail.com	AWS/Devops
15	TE B	3202	Anagha Anil Makare	makareanagha@gmail.com	AWS/Devops
16	TE B	3204	Mehetre Krushna Prabhakar	krushnamehetre186@gmail.com	AWS/Devops
17	TE B	3213	Nehe Prajwal Rajendra	prajwalnehe383@gmail.com	AWS/Devops
18	TE B	3215	Atharva Ajay Nirhali	harinirhali129@gmail.com	AWS/Devops
19	TE B	3224	Phapale Bharati Sarjerao	bharatiphapale5@gmail.com	AWS/Devops
20	TE B	3226	Pujari vaibhavi vijaykumar	vaibhavipujari03@gmail.com	AWS/Devops
21	TE B	3243	Shirsath Mohit Raju	mrshirsath1802@gmail.com	AWS/Devops
22	TE B	3244	Snehal Sunil Shirsath	snehalshirsath03@gmail.com	AWS/Devops
23	TE B	3245	Singh Rajeev Dharmendra	rajeevsingh0519@gmail.com	AWS/Devops
24	TE B	3246	Solat Raj Kiran	rajsolat2151@gmail.com	AWS/Devops
25	TE B	3248	Sonawane Shirang Ajay	shrirang.a.sonawane43@gmail.com	AWS/Devops
26	TE B	3250	Tak Sahil Santosh	sahiltak55555@gmail.com	AWS/Devops
27	TE B	3253	Taware Vishal	vtaware05@gmail.com	AWS/Devops
28	TE B	3261	Prachi Deepak Thube	prachithube2003@gmail.com	AWS/Devops
29	TE B	3264	Valte Prasad Machhindra	prasadvalte48@gmail.com	AWS/Devops
30	TE B	3267	Wakchaure Omkar Dattatray	omkar.wakchaure30@gmail.com	AWS/Devops
31	TE B	3269	Warkad Yogeshwari Purushottam	pwarkad1974@gmail.com	AWS/Devops

## AWS & DEVOPS (CLOUD COMPUTING)

### Day 1: Getting Started with Amazon Cloud.

- 1) Introduction to cloud computing
- 2) Models of cloud computing
- 3) Setting up AWS accounts
- 4) Evaluating Service Level Agreements (SLA)
- 5) Various AWS Services AWS Management Console
- 6) The AWS CLI - using credentials
- 7) The AWS CLI- using roles
- 8) AWS Global Infrastructure

### Day 2: Amazon EC2.

- 1) EC2 Overview
- 2) Amazon Machine Images(AMI)
- 3) AMI creation Security groups
- 4) Key pairs
- 5) Assigning elastic IP address
- 6) Elastic IP v/s Public IP
- 7) Bootstrap Scripts
- 8) Overview of Amazon EBS
- 9) EBS Volume intro
- 10) EBS vs Instance Store
- 11) Upgrading EBS volume
- 12) Management Tools
- 13) Cloud Trail
- 14) Cloud Watch
- 15) Cloud Formation
- 16) Trusted Advisor
- 17) Assignment - Creating EC2, Various login ways from different OS, putty and putty keygen use, Assigning EIP, AMI assignment, Creating and restoring

snapshot, snapshot to AMI, EC2 Bootstrapping, Cloud formation & Cloud Watch assignments.

### **Day 3: Identity Access Management (IAM)**

- 1) Introduction to IAM
- 2) IAM users and their access
- 3) IAM roles and their permission
- 4) Active Directory Federation
- 5) Web Identity Federation
- 6) IAM Best Practices
- 7) Assignment: Configuring IAM users, groups and policies, AWS CLI/SDK access to manage services using Credentials and Roles lab.

### **Day 4: Elastic Load Balancing & Auto Scaling**

- 1) Components and types of load balancing
- 2) Auto scaling and its benefits
- 3) Life cycle of auto scaling
- 4) Components and policies of auto scaling Assignment - Configure Load Balancer, Auto scaling as per utilization in different situations.

### **Day 5: Amazon RDS**

### **Day 6: Amazon Simple Storage Service (S3)**

- 1) Introduction to S3
- 2) Creating an S3 bucket
- 3) S3 Version Control
- 4) S3 Lifecycle Management & Glacier
- 5) S3 Uploading & Downloading
- 6) S3 durability & redundancy
- 7) Cloud front overview
- 8) Create a CDN
- 9) Security & Encryption
- 10) Storage Gateway

- 11) Import & Export using Snowball
- 12) Cross region replication
- 13) Static website using S3
- 14) Assignment - Creating S3 bucket, S3 ACL, S3 permissions, hosting static website on S3, Cross region replication assignment, S3 lifecycle assignment

### **Day 7: Amazon Application Services Overview and AWS Troubleshooting**

- 1) Simple Email Service
- 2) Simple Queue Service
- 3) Simple Notification Service
- 4) Amazon SWF
- 5) Troubleshooting EC2 instances
- 6) Troubleshooting using Cloud Watch
- 7) Troubleshooting using ELB

### **Day 8: Database Services and Route53**

- 1) Database overview
- 2) Amazon Relational Database Service ( RDS)
- 3) AMI databases
- 4) Amazon Redshift
- 5) Dynamo DB
- 6) Amazon Elastic Cache
- 7) AWS Database Migration Service(DMS)
- 8) Amazon Aurora
- 9) Assignment - Creating RDS instance, DB backups, RDS Read Replica
- 10) Route53 Overview
- 11) Creating Zones Understanding Routing Policies
- 12) Simple routing policy
- 13) Failover routing policy
- 14) Geolocation routing policy
- 15) Latency routing policy
- 16) Multivalue answer routing policy

- 17) Weighted routing policy
- 18) Assignment- Components of Hosted Zones, ELB name configuration, Routing Policy

## **Day 9: Virtual Private Cloud (VPC) & Direct**

### **Connect**

- 1) VPC Overview
- 2) VPC & its benefits
- 3) VPC Security
- 4) Default & non default VPC
- 5) VPC NAT
- 6) VPC ACL
- 7) NAT vs Bastion host
- 8) Creating Bastion Host
- 9) Direct Connect Overview
- 10) Building your custom VPC
- 11) Assignment - Building your custom VPC, Cleaning VPC, Defining ACL rules, Configuring Bastion Host, Cross Account access.

## **Day 10: DEVOPS**

### **1. Introduction to DevOps**

- Definition and principles of DevOps
- History and evolution of DevOps
- Benefits and challenges of implementing DevOps

### **2. Culture and Collaboration**

- Importance of cultural change in DevOps
- Collaboration between development and operations teams
- Building a DevOps culture

### **3. Continuous Integration (CI)**





InnovationsHub Services Pvt Ltd

4/5 Bele Sankul, Ghankar Ln,

Raviwar Karanja, Nashik,

Maharashtra, India 422 001

Pan: AAGCI1572A

Corporate@innovationshub.in

Web:http://innovationshub.in/

## Invoice

**BILL TO:**

Autvahini College of Engineering

Mulewadi, Sangamner - 422608

Dist. Ahmednagar (Maharashtra-India)

Invoice No.:27012021005

Invoice Date: Jan 03,2024

Amount Due(₹):₹ 56,000.00

Project: AVCOE\_Internship 2023-24

ID/Sr. No	Product/Item	Students	Amount
1	INDUSTRIAL TRAINING PROGRAM AWS (21-Dec-23 to 01-Jan-24) Dept. of Computer Engineering	28.00	56,000.00

Sub-total:₹ 56,000.00

Invoice Amount: ₹ 56,000.00

InnovationsHub Services Pvt. Ltd.

  
Director



**Notes :**

Bank Name: ICICI Bank Name:InnovationsHub Services Private Limited Pan: AAGCI1572A Account Type: Current Account Branch: ICICI Bank Ambad Account Number:108705002970 IFSC Code:ICIC0001087

[Quoted text hidden]

Tue, Jan 2, 2024 at

Sachin Patil <sachin.patil@innovationshub.in>  
To: "Dr. Shrinivas Sonkar" <sonkar83@gmail.com>

Dear Sir,

Our proposed timeline for the placement drive is as follows:

Date Options:

1. [Date 13th Jan 2024]
2. [Date 20th Jan 2024]

Time: [10:30 AM - 3:00 PM]

Once we confirm the dates, we can proceed with the necessary arrangements.

we look forward to your response. If you have any questions or need further information, please don't hesitate to contact us.

---

--- On Sat, 30 Dec 2023 18:13:45 +0530 Dr. Shrinivas Sonkar <sonkar83@gmail.com> wrote ---

[Quoted text hidden]

---

Dr. Shrinivas Sonkar <sonkar83@gmail.com>  
To: Sachin Patil <sachin.patil@innovationshub.in>

Tue, Jan 2, 2024 at 11:07 AM

Ok sir

[Quoted text hidden]

---

**2 attachments**

Innovations  Hub 1.png  
Services Private Limited 27K

Innovations  Hub 1.png  
Services Private Limited 27K

To,

The Principal,

AVCOE Sangamner.

Sub: Regarding to release Internship Course fees Rs. (172280+56000+62000) =2,90,280/-

R/Sir,

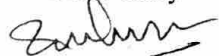
Department of Computer Engineering conducted Internship/Training courses for T.E. Computer Engg. in the period of 21/12/2023 to 1/1/2024 (10 Days, 60 Hours). As the courses was completed successfully, we need to require to release the fees of the following companies.

Sr. No	Internship/ Training Course	Company Name	Total No. of Students & Per student fees	Total Amount	Account Details
1.	Full Stack Development Using ReactJs	Sumago Infotech Pvt.Ltd.Nashik	Students=73 (Per student fees 2000+18%GST =2360/-)	2360*73= 1,72,280/-	Bank Name: HDFC Bank Account Name : Sumago Infotech Pvt Ltd Ac no : 50200056006639 IFSC Code: HDFC0000878 GST No:27ABCCS8978D1ZV
2	Full Stack Development using Frontend & Backend	Netleap IT Solution Nashik	Students=31 (Per student fees 2000/-)	2000*31= 62,000/-	Bank Name: ICICI Bank Bank a/c Name : Netleap IT Training And Solutions Bank A/C No : 186905001562 Bank IFSC Code: ICIC0001869 PAN: AAABN6058M
3	AWS- DevOps	Innovations Hub Services Private Ltd. Nashik	Students=28 (Per student fees 2000/-)	2000*28= 56,000/-	Account Number: 108705002970 Account name: InnovationsHub Services Pvt Ltd IFSC Code: ICIC0001087 Branch: ICICI Ambad PAN: AAGCI1572A

Kindly permit for the same.

Thanking you.

Your's Truly



Dr.S.K.Sonkar

HOD

Computer Engg.

सर,

रादर प्रोग्रामचे (Comp. Internship)

रकम रु. 3,11,520/- लेखा विभागाकडे

समा डोबत आपले माहितीच्या सक्षिप

# Statement of Account

Union Bank of India

AMRUTVAHINI COLLEGE OF ENGINEERIG SANGMNER

C/O AMRUTVAHINI COLL OF ENGG

AT POST ENGINEERING BUILDING NASHIK PUNE HIGH

WAY TAL SANGMNER DIST AHAMDNAGAR

City MGCTY

State Maharashtra

Country

Zip

Mobile No. 919834185299

Email VIKASGUNJAL29@GMAIL.COM

Statement Date 11/01/2024 11:53

Records from 1 to 146.

No more records available.

Statement From 01/01/2024 To 11/01/2024

Branch GHULEWADI

Customer Id 216985102

A/C Number 322501010033387

Currency INR

Account Type Current Account

MICR Code

IFSC Code

Date	Tran Id	Remarks	UTR Number	Instr. Id	Withdrawals	Deposits	Balance
10-01-2024 17:49:11	S79925338	NEFT TO INNOVATIONSHUB SERVICES :UBIN0240100337	-		50400.00		12335120.41
10-01-2024 17:49:14	S79925746	NEFT TO NETLEAP IT TRAINING AND :UBIN0240100389	-		55800.00		11535535.98
10-01-2024 17:49:22	S79933084	NEFT TO SUMAGO INFOTECH PVT LTD:UBIN0240100910	-		155052.00		11353022.76

# Amrutvahini College of Engineering, Sangamner

Department of Computer Engineering

TE Internship Program AWS/DevOps 21<sup>st</sup> Dec 2023 to 1<sup>st</sup> Jan 2024

Sr. No.	Div	Roll no.	Name of Student	Remark Satisfied/Not Satisfied	Sign
1	TE A	3114	BATRA HARDEEP	<del>Satisfied</del> Satisfied	<del>[Signature]</del>
2	TE A	3119	BHALERAO SAYALI	Satisfied	[Signature]
3	TE A	3129	DESHMUKH SAKSHI	Satisfied	[Signature]
4	TE A	3131	DESHMUKH SHARAYU	Satisfied	[Signature]
5	TE A	3141	GANGURDE TEJAS	Satisfied	[Signature]
6	TE A	3148	GUNJAL OMKAR ANIL	Satisfied	[Signature]
7	TE A	3149	Gurap Hrishikesh	Satisfied	[Signature]
8	TE A	3159	KAMBALE SHUBHAM	Satisfied	[Signature]
9	TE A	3160	KARANDE NAKUL	Satisfied	[Signature]
10	TE A	3164	KULDHARAN AADITYA	Satisfied	[Signature]
11	TE A	3166	LAHARE ABHINAV	Satisfied	[Signature]
12	TE A	3171	KANKATE SAIRAJ	Satisfied	[Signature]
13	TE A	3174	Ghare Shivani	Satisfied	[Signature]
14	TE B	3201	Mahajan Saurabh	Satisfied	[Signature]
15	TE B	3202	Anagha Anil Makare	Satisfied	[Signature]
16	TE B	3204	Mehetre Krushna	Satisfied	[Signature]
17	TE B	3213	Nehe Prajwal	Satisfied	[Signature]
18	TE B	3215	Atharva Ajay Nirhali	Satisfied	[Signature]
19	TE B	3224	Phapale Bharati	Satisfied	[Signature]
20	TE B	3226	Pujari vaibhavi	Satisfied	[Signature]
21	TE B	3243	Shirsath Mohit Raju	Satisfied	[Signature]
22	TE B	3244	Snehal Sunil Shirsath	Satisfied	[Signature]
23	TE B	3245	Singh Rajeev	Satisfied	[Signature]

Sr. No.	Div	Roll no.	Name of Student	Remark Satisfied/Not Satisfied	Sign
24	TE B	3246	Solat Raj Kiran	Satisfied	<del>Kiran SR</del>
25	TE B	3248	Sonawane Shrirang	Satisfied	Sonawane
26	TE B	3250	Tak Sahil Santosh	Satisfied	S. Tak
27	TE B	3253	Taware Vishal	Satisfied	Vishal
28	TE B	3261	Prachi Deepak Thube	Satisfied	Prachi
29	TE B	3264	Valte Prasad	Satisfied	Valte
30	TE B	3267	Wakchaure Omkar	Satisfied	Omkar
31	TE B	3269	Warkad Yogeshwari	Satisfied	Yogeshwari
32	TE B	3257	Thorat Abhay	Satisfied	Abhay

Coordinators.

- 1) J. M. Ganthade J.
- 2) R. S. Gaikwad J.