JSPM's
Rajarshi Shahu College of Engineering, Pune.

(An Autonomous Institute Affiliated to Savitribai Phule Pune University, approved by AICTE, accredited by NBA (UG Programs), Accredited by NAAC with"A"Grade)

Key Indicator -1.3 Curricular Enrichment
1.3.2 – Value Added Course

https://jspmrscoe.edu.in/Placements?activeTab=internship#

Sr. No.	Programme Name
1	Barclays Life skills Programme
2	Unmanned Aircraft Systems
3	L&T Sustainable Design of Buildings
4	Campus Readiness Training (FACE/Talentio)
5	Android and JAVA basics
6	Hands on Python Training
7	Spoken Tutorial RDBMS postgreSQL training
8	Aptitude Session
9	Design Thinking
10	Udemy Certifications
11	Coursera Certifications
12	LinkedIn Learning Certifications
13	CNC Hands on Training
14	Python Basics Infosys Spring Board)
15	NPTEL Online certification

DIRECTOR
Jayawant Shikshan Prasarak Mandal's
Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune - 411 033, M.S. (India)

J.S.P.M.'s Rajarshi Shahu College of Engineering Pune University I.D. No. PU/PN/Engg./173/(2001) Tathawade, Pune-33

This is to certify that

Abhijeet Shinde

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

FOUNDATION

This is to certify that

Abhishek Bhalerao

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

FOUNDATION

This is to certify that

Aditya Lohar

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

FOUNDATION

This is to certify that

Akanksha Waghmare

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

This is to certify that

Akshata Utale

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

Anjali Naravanekar

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

FOUNDATION

This is to certify that

Anjali Shelke

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

This is to certify that

Atharv Pathak

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

This is to certify that

Atharv Patil

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

This is to certify that

BAGALKOTI HARSH VIRESH

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

BHASE PRATHAMESH SUDAM

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

FOUNDATION

This is to certify that

Chaitanya Gaikar

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

This is to certify that

CHAVAN NARENDRA RAVAJI

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

Faijan Shaikh

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

GAIKWAD HRUTIK JAISING

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

GAURAV PRAKASH

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

GHULE MOHAN NARAYAN

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

JAGTAP JAYESH YUVRAJ

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

Jeetu Sirvi

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

FOUNDATION

This is to certify that

Kanishk Surwade

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

This is to certify that

KAPSE YASH DATTATRAY

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

KAWADE SANSKRUTI RAJENDRA

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

FOUNDATION

This is to certify that

Khushi Chaudhary

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

This is to certify that

KOLHE JEET MANOJ

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

KOTGIRE PARTH DNYANESHWAR

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

KUDALE AKSHAY ASHOK

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

KULKARNI KAUSTUBH RAMCHANDRA

has successfully completed training of the Barclays LifeSkills Programme

conducted by GTT Foundation at **JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE**

We wish the participant a very successful career ahead.

Date:25th Nov, 2022

GTT Foundation Pune GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by BARCLAYS

This is to certify that

Manisha Narwate

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

This is to certify that

Vivek Prajapati

has successfully completed training of the **Barclays LifeSkills Programme**

conducted by **GTT Foundation** at **JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune**.

We wish the participant a very successful career ahead.

Date:11 Nov. 2022

GTT Foundation
Pune
GTT Foundation

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
BARCLAYS

JSPM's

Rajarshi Shahu College of Engineering,

Tathawade, Pune- 411033

(An autonomous Institute affiliated to Savitribai Phule Pune University)

Value Added Training on "Unmanned Aircraft Systems"

Submitted : **Date:** : 05/09/2023 to 11/09 /2023

Faculty Members	**03**
Students	**60**

Title of the Program :	"Value added Training on "Boot camp programs on Unmanned Aircraft Systems (Drones and related technologies)"
Programme Objectives:	Hands on Training for the introduction of a new concept of Unmanned Aircraft Systems i.e. Drones and related technologies.
Programme Outcome	Students acquired the technical information along with hands on training on the assembly of Drones. They were also introduced to the Drone Technology, various terms and the software involved.
Place of Programme	Rajarshi Shahu College of Engineering, Tathawade, Lecture Hall A 100.
Date of Programme	05/09/2023 to 11/09 /2023
Details of Programme	On 5th September 2023 the programme started with Inauguration by Principal Dr. R.K. Jain, Head of the Department, Dr. R.D.Jagdish, faculty members and students of civil and electronics & Telecommunication Department at 10:00 am. The session was conducted by Mr. Kaushal Sharma and his C-DAC team. The session was very informative and interesting. At last, the program ended with vote of thanks by prof. Dr. Shahapure.
Glimpses of Programme	

Conclusions	Participants were benefited with the knowledge on the latest technology related to Drone, its types, flight technology, software and also hands on training on the assembly of Drone. They also understood the application of Drone technology in Civil Engineering.

Dr. S.Shahpure
Prof. Civil Dept

Dr. J.Danushkar
HOD, Civil Dept.

To,
Dr.R.K Jain .
Principal

Rajarshi Shahu College of Engineering
Tathawade, Pune - 411 033

1.2.3 Value Added Course

Sustainable design of buildings (L&T)

Sr. No.	Content	Tag No.
1	Structure	1
2	Student Details	2
3	I Assessment	3
4	Mid Assessment	4
5	Final Assessment	5
6	Report	6

L&T EduTech

CERTIFICATE OF COMPLETION

This is to certify that

Mr/Ms. Atharv Nale of **JSPM's Rajarshi Shahu College Of Engineering**

has successfully completed the course

Sustainable Design of Buildings

offered by CollegeConnect Programme

of L&T EduTech during the period **Aug 2023** to **Oct 2023**

M.F.Febin
Head - CollegeConnect Business
L&T EduTech

Sanjai Ranganathan
Chief Executive
L&T EduTech

JAYAWANT SHIKSHAN PRASARAK MANDAL's

Rajarshi Shahu College of Engineering

S.No.80, Pune-Mumbai By Pass Highway, Tathawade, Pune-411033.
(An Autonomous Institute)
Affiliated to Savitribai Phule Pune University, Pune I.D.No :PU /PN /Engg / 173(2001))
AISHE CODE C-41614

Prof.Dr.T.J.Sawant
B.E.(Elec.) PGDM, Ph.D
Founder-Secretary

Ph. :0-20-67127777/67127778/67127779/67127780/67127781
Email: principal@jspmrscoe.edu.in Website: www.jspmrscoe.edu.in

Dr.R.K.Jain
M.E.(Civil), Ph.D.(Engg)
LMISTE, MIE
Director

Career training sessions

Every year Rajarshi Shahu College of Engineering conducts 120 HRs of crash course covering aspects like aptitude, communication skills, and basics of programming for the majority of the undergraduates of the campus. During the training program, the company-specific preparation is being done keeping in the mind the first 3-5 bulk recruiters like TCS, Cognizent, Capgemini & Accenture. The mock interview trail is also an important element of the CRT program giving the students a close experience of the actual interview process. This initiative helps to deliver the maximum number of offers during the first recruitment cycle. This training is delivered through the various vendors from the market based on their overall reputation and performance.

DIRECTOR
Jayawant Shikshan Prasaral Mandal's
Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune - 411 033, M.S. India

Gmail

Ashish Jawake <ashishjwk@gmail.com>

I-2023 Assessment Report 30052022

2 messages

Reports Talentio <reports@talentio.in> **Tue, May 31, 2022 at 8:59 AM**
To: ashishjwk@gmail.com, modi.tpo@gmail.com
Cc: Aijaz Khan <aijaz@talentio.in>, T Arvind Kumar <arvind@talentio.in>, S R <sr@talentio.in>, Anirudh <anirudh@talentio.in>, Nikitha V M <nikitha@talentio.in>, nontechreports@gmail.com, Gaffar Sharif <gaffar@talentio.in>, Rachel Sharon <sharon@talentio.in>, Tapomoy Chakraborty <tapomoy@talentio.in>, Shaik Gulam Abul Hasan <hasan@talentio.in>, Soumya Esampally <soumya@talentio.in>, Kavya K <kavya@talentio.in>

Dear Sir,

Greetings from Talentio!

Please click on the link below to view the report

JSPM-2023 Assessment Report 30052022

Thanks & Regards,

Team MIS, Talentio

Hyderabad

Radhika Modi <modi.tpo@gmail.com> Tue, Aug 16, 2022 at [illegible]
To: ashish jawake <ashishjwk@gmail.com>

Better Together
RADHIKA MODI
(M.E. Control Systems , B.E. Electrical)
Assistant Training and Placement Officer
+917755933085 modi.tpo@gmail.com
JSPM Group Of Institutes - RSCOE- ENGG, Tathawade
Pleasure connecting with you on
linkedin.com/in/radhika-modi-853a64114
Kindly visit us at || www.rscoe.org || www.jspm.edu.in ||
[Quoted text hidden]

Grade	Test Taken	Civil	Mechanical	IT	Computer	E&TC	Electrical	MCA	Grand Total
Grade A	1-10			13	1	5	1		20
Grade A Total				13	1	5	1		20
Grade B	1-10		12	36	9	7	3	2	69
Grade B Total			46	88	30	49	6	8	69
Grade C	1-10	1	21	38	13	46	10	8	137
Grade C Total		1	21	38	13	46	10	8	137
Not attempted	<1		0	0	0	0	0	0	0
Grand Total		1	67	139	44	100	17	16	384

Invoice

Talentio Academy LLP.
5th Floor, Mayfair Building
P.G. Road, Begumpet,
Secundrabad - 500 003
Email: aijaz@talentio.in

GST # 36AASFT1879J1ZC

PAN No # AASFT1879J

Invoice No: 12072022-101

12th July 2022

Bill To:
JSPM Rajarshi Shahu College of Engineering,
Tathawada, Pune,
Maharashtra- 411035

QUANTITY	DESCRIPTION	TOTAL PRICE
1	**Payment for Placement Preparation Offline Training Program for 2023 passing out batch** NO. of Students : **385** Total Trainer Day : **19** Cost per Student : **₹ 1800 (Incl. Tax)** Total program cost for **385** Students @ **₹ 1800** per Student	₹ 6,93,000.00
	TOTAL (IN RUPEES)	₹ 6,93,000.00
	AMOUNT TO BE PAID	₹ 6,93,000.00

Amount in words: **Six Lac Ninety Three Thousand Only**

For Talentio Academy LLP

Authorized Signatory

Bank Details
Bank Name: ICICI Bank
Account No: 004805021272
Branch : S.D. Road, Secunderabad
IFSC : ICIC0000048

If you have any questions concerning this invoice, please contact

Aijaz Khan
Talentio Academy LLP
Tel: 9958284646

TALENTIO ACADEMY LLP Hyderabad

[This is a computer-generated invoice]

Campus Credential

Date: 02-05-202[illegible]

To,
Principal / Director / TPO
Jayawant Shikshan Prasarak Mandal (JSPM)

Subject: "Aptitude Training proposal-2023 Batch"

Dear Sir/Ma'am

Greetings from Campus Credential!!

We would like to thank you for this opportunity and consideration

As per our discussion for conducting a Placement Aptitude training Workshop for [illegible]

We provide complete training for students to help them acquire all the skills [illegible]

company selection rounds and all Aptitude exams

CRT includes comprehensive training on the following

- Aptitude Test
- Quantitative Ability
- Verbal Ability
- Logical Reasoning
- Group Discussion
- Personal Interview
- Resume writing
- COMPANY SPECIFIC TRAINING

Financial

SNO	Module	Duration	
1	Aptitude Training - Life skills	120 hrs OFFLINE (Aptitude & Life Skills) TECHNICAL	INR

*GST is not applicable

Our sessions have been structured with industry inputs and are regularly updated [illegible]

students are at the forefront during the placement season. Due to the regular updates [illegible]

is flexible enough to incorporate requirements and changes from your end as well

Please find attached the Index for detailed content

For any further assistance, you can reach me via any of the below mentioned [illegible]

We look forward to an excellent placement season for your students

Address :403, Krishna Plaza , Opp Thane Railway Station Maharashtra [illegible]
Contact +91 9930202329, +91 8369363552
https://www.facebook.com/campuscredential/

CC - test schedule passout 21-22 [illegible]

Gmail

RADHIKA MODI <modi.tpo@gmail.com>

CC - Sectional test Schedule

2 messages

Ashish Ratnani <ashish@campuscredential.co.in>
To: Radhika Modi <modi.tpo@gmail.com>, santosh rao <santoshborde@yahoo.com>
Cc: Vinay Raker <vinay@campuscredential.co.in>, Campus Credentials <jayesh@campuscredential.co.in>

Wed, Jun 2, 2[illegible]

Hello, Sir/Ma'am,

Greetings from Campus Credential.

As we discuss over the call, Please find the schedule for the sectional test and full-length mock test.

If you have any doubt regarding the test and schedule do let us know.

				02-Jun-21	03-Jun-21	[illegible]	[illegible]
				Wednesday	Thursday	Friday	[illegible]
Easy	-	-	-	-	Numbers	CRT - 01 Full length	Equation, Ratio a[illegible]
					Syllogism		Blood Rel[illegible]
					Synonyms		Antony[illegible]
	06-Jun-21	07-Jun-21	08-Jun-21	09-Jun-21	10-Jun-21	[illegible]	[illegible]
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	[illegible]
Easy	-	CRT - 02 Full length	Percentage	CRT - 03 Full length	Average	Partnership	CRT - 04 Full
			Coding-Decoding		Clock & Calander	Series	
			RC		FIB	Cloze Test (2 sets)	
	13-Jun-21	14-Jun-21	15-Jun-21	16-Jun-21	17-Jun-21	[illegible]	[illegible]
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	[illegible]
Easy	-	Mixture and Allegation	CRT - 05 Full length	Simple Interest and Compound Interest	CRT - 06 Full length	Time and Work	Time Speed an[illegible]
		Puzzles		Caselet		Input output	[illegible]
		Para jumble		Sentence Completion		Grammar	Line Ch[illegible]
	20-Jun-21	21-Jun-21	22-Jun-21	23-Jun-21	24-Jun-21	[illegible]	[illegible]
	Sunday	Monday	Tuesday	Wednesday	Thursday	[illegible]	[illegible]
Medium	-	CRT - 07 Full length	Permutation and Combination	CRT - 08 Full length	Probability	CRT - 09 Full length	Geometry & M[illegible]
			Direction Sense		Visual reasonings		Pie Ch[illegible]
			Table		Bar Graph		Mix Ch[illegible]
	27-Jun-21	28-Jun-21	29-Jun-21	30-Jun-21	01-Jul-21	[illegible]	[illegible]
	Sunday	Monday	Tuesday	Wednesday	Thursday	[illegible]	[illegible]
Medium	-	Numbers	CRT - 10 Full length	Equation, Ratio and Proportion	CRT - 11 Full length	Percentage	CRT - 12 Full
		Syllogism		Blood Relation		Coding Decoding	
		Synonyms		Antonyms		RC 2 Set	
	04-Jul-21	05-Jul-21	06-Jul-21	07-Jul-21	08-Jul-21	09-Jul-21	[illegible]
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	[illegible]
Medium	-	Average	Partnership	CRT - 13 Full length	Mixture and Allegation	CRT - 14 Full length	Simple Interest and Compound [illegible]
		Clock & Calander	Series		Puzzles		Caselet
		FIB	Cloze Test (2 sets)		Para jumble		Sentence [illegible]
	11-Jul-21	12-Jul-21	13-Jul-21	14-Jul-21	15-Jul-21	[illegible]	[illegible]
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturd[illegible]
Medium	-	CRT - 15 Full length	Time and Work	Time Speed and Distance	CRT - 16 Full length	Permutation and Combination	CRT - 17 Full
			Input-output	Cubes		Direction Sense	
			Grammar	Line Chart		Table	
	08-Jul-21	09-Jul-21	10-Jul-21	11-Jul-21	12-Jul-21	[illegible]	[illegible]
	Sunday	Monday	Tuesday	Wednesday	Thursday	[illegible]	[illegible]
	-	Probability	CRT - 18 Full length	Geometry & Mensuration		CRT - 19 Full length	
		Visual reasonings		Pie Chart			
		Bar Graph		Mix Chart			
	18-Jul-21	19-Jul-21	20-Jul-21	21-Jul-21	22-Jul-21	[illegible]	[illegible]
	Sunday	Monday	Tuesday	Wednesday	Thursday	[illegible]	[illegible]
	-	CRT - 20 Full length	[illegible]				
			[illegible]				

1.3

Campus Credential

APTITUDE- MODULE

Topic	Subtopic	Hours
Quantitative Aptitude	Algebra	32hrs
	Profit Ans Loss	
	Average & Allegation / Mixture	
	Time and Work	
	Geometry Mensuration	
	Numbers	
	Percentage	
	Permutation and Combination	
	Probability	
	Ratios and Proportion	
	Time and Distance	
Reasoning	Analytical	12hrs
	Puzzles	
	Blood relationship	
	Data Interpretation	
	Data sufficiency	
	Logical Deductions	
	Logical Sequence of Words	
	Logical Venn Diagrams	
	Statement and Arguments	
	Statement and Assumptions	
	Statement and Conclusions	
	Syllogism	
English	Reading Comprehension	18hrs
	Para Jumbles	
	Cloze Test	
	Tenses/ Voice/ Speech	
	Prepositions/ SVA/ Articles	
	Vocab /Verbal Analogy	
	Sentence completion	
	Sentence Correction	
LIFE SKILLS TRAINING	Essay Writing	6hrs
	Communication	
	Group Discussion	
	Resume /Personal Interview	
	E-mail Writing	
	Personal Interview SESSIONS	
	INDIVIDUAL HR/Technical Interview PER BATCH (20MIN PER STUDENTS)	35-40HRS
TOTAL APTITUDE	70HRS PER BATCH+40 HRS PI	

APTITUDE Features:

1)100+ Section Test (English /Quant/Reasoning

2)30+Practice Mock Test (Full Length)

3)30+Company Specific Test

)Online Assessment Portal

5) 60 hrs+ Pre Recorded Videos For Basic Understanding

6) Company Specific Workshop Will Organised As When Required

TECHNICAL -Course Objective/ Outcome Expectation:

- ✓ To write optimized code.
- ✓ Solve Programming with Time complexity.
- ✓ Develop Logic building in Programming
- ✓ To increase problem solving skills in programming.
- ✓ Clearly understand, how To Approach A Coding Problem and also Develop different Approach to solve Programming
- ✓ Student resume will become more selective, hence you will get more interview calls.
- ✓ Must Do Coding Questions Company-wise
- ✓ Can able to crack coding challenges.
- ✓ Practice for cracking any coding interview
- ✓ How to begin with Competitive Programming

Campus Credential

Java Programming:

Topic	Subtopic
Why Programming?	✓ Introduction to programming
	✓ Representation of algorithms
	✓ Introduction to Java
	✓ Keywords, variables, identifiers and data types
	✓ Operators
	✓ Implicit/Explicit Type conversions
	✓ Control Structures Selection Control Structures
	✓ Flow Control
	✓ Iteration Control Structures
OOP Basics	✓ Need for OOP
	✓ Class and Objects
	✓ Methods and parameters
	✓ Constructors
	✓ Instance and Local variables
	✓ this keyword
	✓ Memory management Memory management
	✓ OOP concepts
Exception Handling	
File handling	
Encapsulation	✓ Abstraction
	✓ Access modifiers
	✓ Arrays and String Working with Arrays
	✓ String and its methods
Debugging & Code Analysis	
Debugging	✓ Code Analysis using Programming Mistake
	✓ Detector (PMD)
Static Static variables, methods, blocks Relationships	
Association	✓ Aggregation
	✓ Inheritance and its types
	✓ super keyword
	✓ Polymorphism Static polymorphism
	✓ Dynamic polymorphism
	✓ Object and Wrapper classes Object and Wrapper classes
Abstract classes and methods	✓ final class, method, variable
	✓ Interfaces
	✓ Exception handling and packages Exception handling
	✓ Packages
	✓ Abstract , final and Interfaces

CC company specific passout 21-22 batch 94

8/4/22, 12:02 PM Gmail - Company Specific Workshops

Workshop

Gmail training schedule

RADHIKA MODI <modi.tpo@gmail.com>

Company Specific Workshops

Twostage

Campus Credentials <jayesh@campuscredential.co.in>
To: Vinay Raikar <vinay@campuscredential.co.in>, Ashish Rahani <ashish@campuscredential.co.in>
Bcc: modi.tpo@gmail.com

Dear Students,

Greetings from Campus Credentials

As your placement season is approaching, we have scheduled Company-specific workshops so that you get the maximum benefit of

Following is the link to join the workshop

Reasoning -Capgemini-Gaine Theory

14th Aug -SAT - 09.00 AM to 01.00 PM

https://youtu.be/PHbrwv522eo

Quantitative -TCS & Other

14th Aug -SAT - 03.00 PM to 07.00 PM

https://youtu.be/aST9-CL10Dk

TECH-Capgemini Pseudocode

15th Aug -SUN - 10.00 AM to 01.00 PM

https://youtu.be/XWJJSuzsv3w

TECH Coding -TCS & Others

15th Aug -SUN - 05.00 PM to 08.00 PM

https://youtu.be/YBNVfC0NOs8

ENGLISH -TCS & Others

16th Aug -MON - 05.00 PM to 08.00 PM

https://youtu.be/GRDxw129oE4

TECH Competitive Coding-TCS & Others

17th Aug -TUE - 05.00 PM to 08.00 PM

https://youtu.be/oqIVvSydKFg

Regards,
Vinay Raikar
vinay@campuscredential.co.in / 8369363552

Campus Credential
http://www.campuscredentials.com

www.facebook.com/campuscredential/
--

Thanks and Regards,

Jayesh Solanki
Campus Credential
9930202329

JSPM's

RAJARSHI SHAHU COLLEGE OF ENGINEERING

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Department of Computer Science and Business Systems

ACADEMIC YEAR: 2022-23

SEMESTER II

REPORT ON

Workshop on Java and Android Bootcamp

Class : S.Y CSBS

Name of Session : Workshop on Java and Android

Date & Day : 15/05/2023 and 18/05/2023

Total No. of students: 49

Name of speaker : Mr.Alok Gupta

Location : DSA Lab, A-301

4-day workshop on Java and Android Bootcamp was conducted to provide participants with a comprehensive understanding of Java programming and Android application development. The workshop covered fundamental concepts of Java, object-oriented programming, and **practical hands-on exercises** to develop Android applications. Participants gained valuable knowledge and skills to kickstart their journey in Java and Android development.

Objectives:

1. Introduce participants to the Java programming language and its key features.
2. Teach participants the concepts of object-oriented programming and their application in Java.
3. Familiarize participants with the Android development platform and its architecture.
4. Enable participants to develop basic Android applications using Java.

Day 1: Introduction to Java

The first day of the workshop focused on introducing participants to the Java programming language. The topics covered included:

- Java syntax and structure
- Variables, data types, and operators
- Strings and Operations
- Arrays
- Introduction to object-oriented programming (OOP) concepts

Participants were provided with hands-on exercises to practice Java coding and reinforce their understanding of the concepts covered.

Day 2: Object-Oriented Programming in Java

On the second day, the workshop delved deeper into object-oriented programming (OOP) concepts and their implementation in Java. The key topics covered were:

- Classes and objects
- Inheritance and polymorphism
- Encapsulation and data hiding
- Abstraction and interfaces
- Exception handling
- Static and Final key word
- Final vs Static

After Lunch it was the introduction to Android application development. The topics covered included:

- Overview of the Android platform and its architecture
- Setting up the development environment (Android Studio)
- User interface design using XML layout files
- Introduction to Android components (activities, fragments, intents)

Participants engaged in coding exercises that involved designing and implementing class hierarchies and applying OOP principles in Java programs.

Day 3: Android Development Basics

The third day of the workshop focused on providing participants with an

- Event handling and user interaction
- Desktop applications using NetBeans IDE
- Handling permissions and security
- Testing and debugging Android applications
- Publishing an Android application on the Google Play Store
- Worked on project. (College Registration App)

Participants were guided through practical exercises where they created simple Android applications with basic user interfaces and implemented event handling functionality.

Day 4: Developing Android Applications

The final day of the workshop was dedicated working with data storage, Layouts, Test.

Participants collaborated on a group project, where they applied their knowledge to develop a functional Android Application. They learned about best practices for testing, debugging, and deploying their applications.

Conclusion:

The 4-day workshop on Java and Android Bootcamp successfully equipped participants with the essential skills and knowledge required to develop Java applications and Android applications. Through a combination of theory sessions and practical exercises, participants gained a solid foundation in Java programming, object-oriented programming principles, and hands-on experience in creating Android applications. The workshop fostered an interactive learning environment, encouraging participants to actively engage with the material and collaborate with their peers. Overall, the workshop provided a valuable learning experience and empowered participants to pursue further exploration and growth in Java and Android development.

Coordinator

HOD

HEAD OF DEPARTMENT
Computer Science & Business Systems

Department of
Computer Science and Business Systems
BOOTCAMP ON
JAVA & ANDROID STUDIO
In Association With
IEEE SB RSCOE
IEEE WIE RSCOE SB AG
15-18 MAY 2023
MONDAY TO THURSDAY
9AM - 3:30PM
SDL & DSL LAB
A-BUILDING
MENTOR
MR. ALOK GUPTA

Flyer

JSPM's
RAJARSHI SHAHU COLLEGE OF ENGINEERING
TATHAWADE, PUNE-33
(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)

Department of Computer Science and Business Systems

Academic Year 2022-23 (Sem I)

Date: 2/11/2022

NOTICE

All students of SY CSBS are hereby informed that boot camp for **"Hands on Python Training"** is scheduled from 7th November 2022 to 11th November 2022.

Schedule:

Date : 7/11/2022 to 11/11/2022
Day : Monday to Friday
Speaker: GTT Foundation

Prof. A. A. Gatphane
Coordinator

Dr. K. P. Moholkar
H. O. D.

HEAD OF DEPARTMENT
Computer Science & Business Systems
JSPM's Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune - 411 033, M.S. India

LinkedIn LEARNING

Certificate of Completion

Congratulations, Aditya Tharewal

Learning Java 11

Course completed on Feb 19, 2023 at 03:47PM UTC • 2 hours 39 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate ID: AT5rHZOhomJ5aFueFa5rPCyVcBj3

LinkedIn LEARNING

Certificate of Completion

Congratulations, Prajwal Janbandhu

Advanced Java Programming

Course completed on May 11, 2023 at 09:26AM UTC • 1 hour 55 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate ID: AXzPEWcQg3JnQfSb6J1x0CtDMP8W

JSPM's

RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE, PUNE-33

(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)

Department of Mechanical Engineering

CNC HANDS ON TRAINING DETAILS

Academic Year 2022-23

Prepared by

Prof.Kupade D.M.

JSPM's Rajarshi Shahu College of Engineering * Tathawade, Pune - 33 * (An Autonomous Institute) Pune University I.D. No. PU/PN/Engg/17/2001

HOD

Mechanical Engineering Dept.

HEAD OF DEPARTMENT

Mechanical Engineering

JSPM's Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune - 411 033, M.S. (India)

Principal

JSPM's RSCOE Tathawade.

DIRECTOR

Jayawant Shikshan Prasarak Mandal's
Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune - 411 033, M.S. (India)

Index

SR.NO.	NAME OF TOPIC
01	CNC Machine details
02	CNC Course Syllabus
03	Hands On Training details
04	Certificate distribution details
05	Hands on training photos
06	Certificate distribution photos
07	Sample Certificates
08	Attendance sheet
09	Working drawings
10	Project Work
11	CNC Questionary
12	Practical Exam Details
13	Course End Survey (Student Feedback)

Faculty Co-Ordinator

Prof.Kupade D.M.

HOD

Dr.Subim Khan

(Mechanical Department)

HEAD OF DEPARTMENT
Mechanical Engineering
JSPM's Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune - 411 033, M.S. (India)

JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune.

CNC Hands on training completion Report

Academic Year -2022-23 Department:-Mechanical Engineering

Sr.No.	Training Period	No. of students Undergone training	Remark
01	13/09/2022 to 03/12/2022	16	Certified
02	29/11/2022 to 20/12/2022	11	Certified
03	18/01/2023 to 02/03/2023	21	Certified
04	02/03/2023 to 20/05/2023	20	Certified
05	23/02/2023 to 25/02/2023 3 Days CNC Hands on training for PG Students	12	Certified
06	10/03/2023 to 17/05/2023	19	Certified
Total		99	

Faculty Co-Ordinator

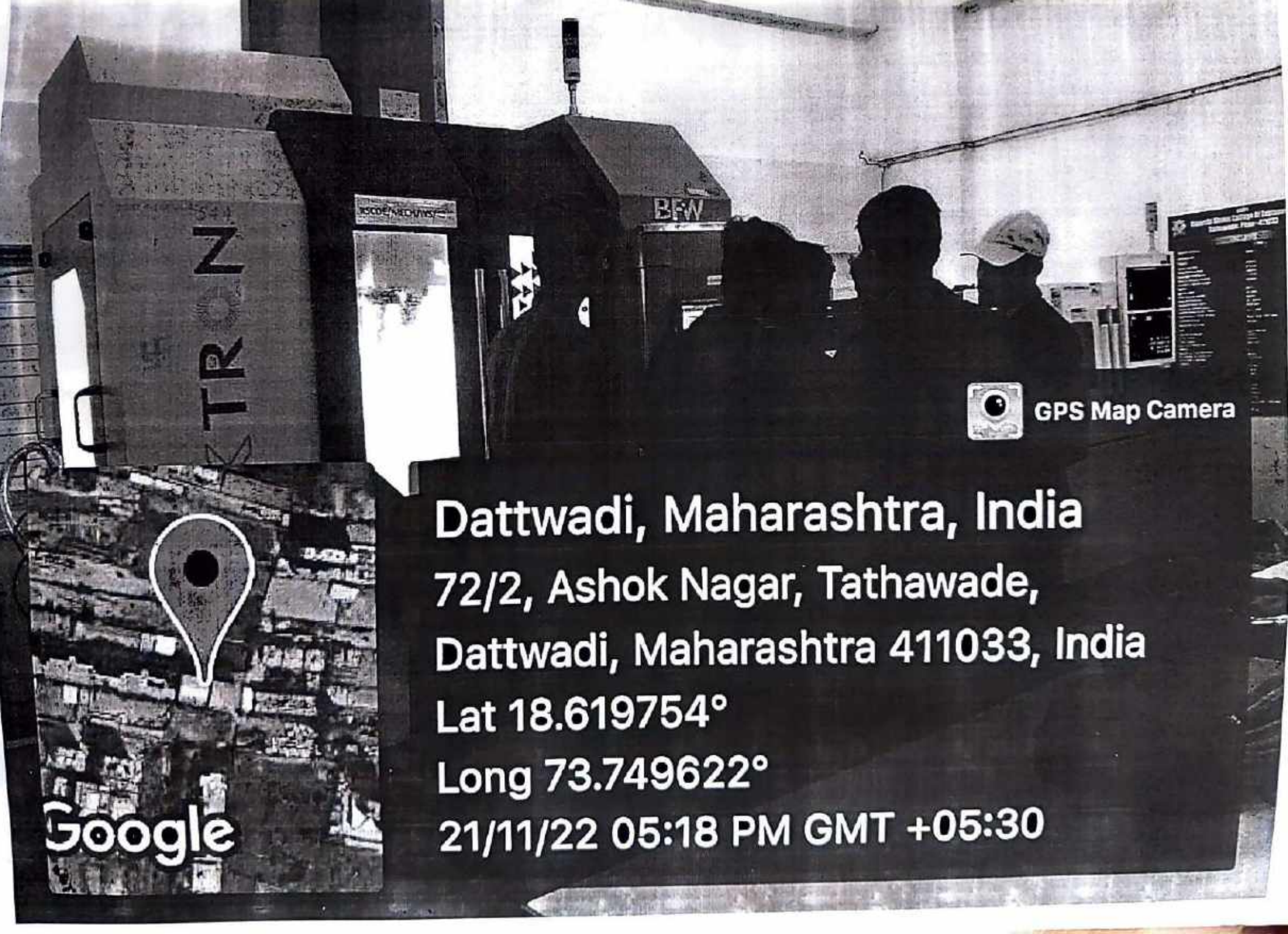
Prof.Kupade D.M.

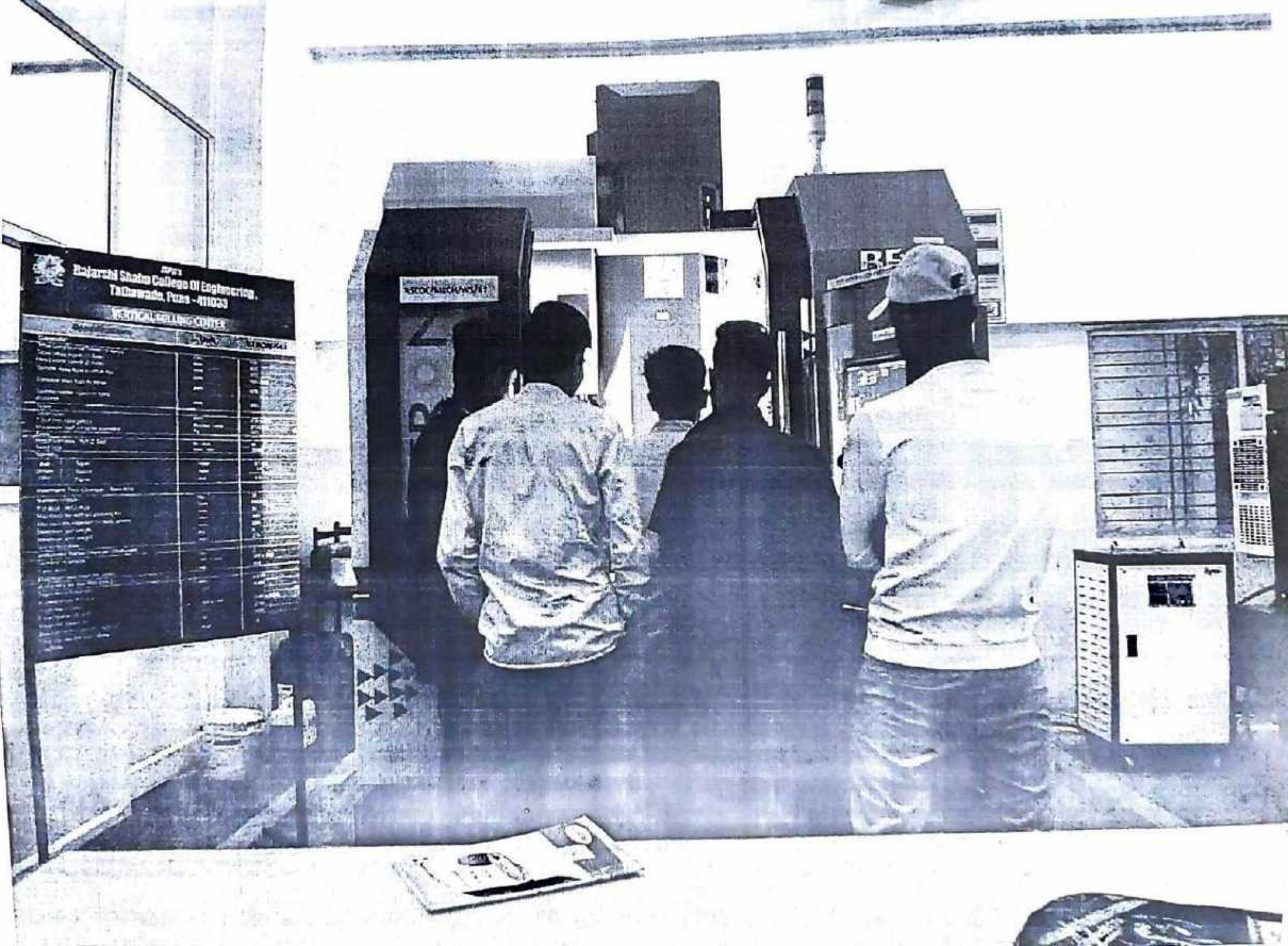
HOD

Dr.Subim Khan

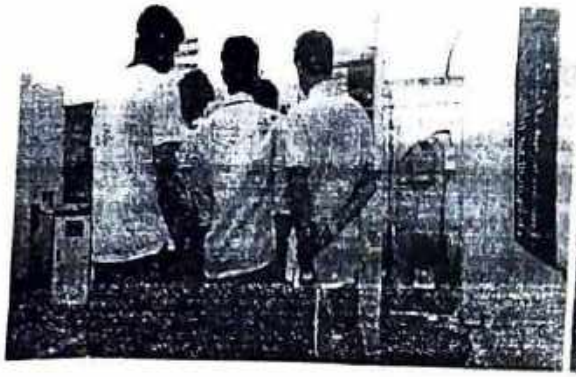
(Mechanical Department)

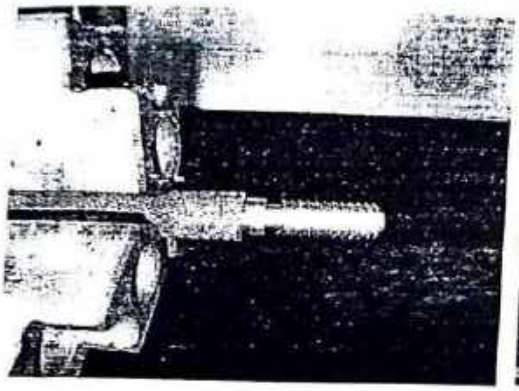
HEAD OF DEPARTMENT
Mechanical Engineering
JSPM's Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune - 411 033. M.S. (India)

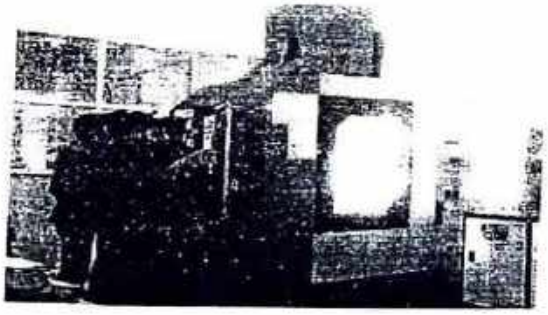

GPS Map Camera
Dattwadi, Maharashtra, India
72/2, Ashok Nagar, Tathawade,
Dattwadi, Maharashtra 411033, India
Lat 18.619754°
Long 73.749622°
21/11/22 05:18 PM GMT +05:30
Google

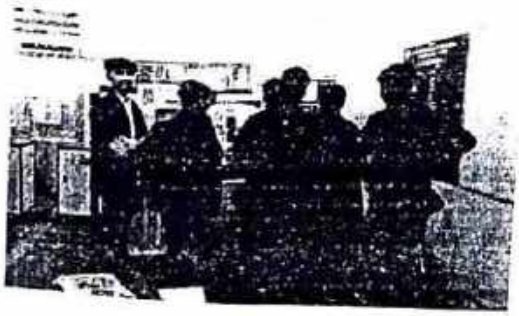

Rajarshi Shahu College Of Engineering,
Tathawade, Pune -411033

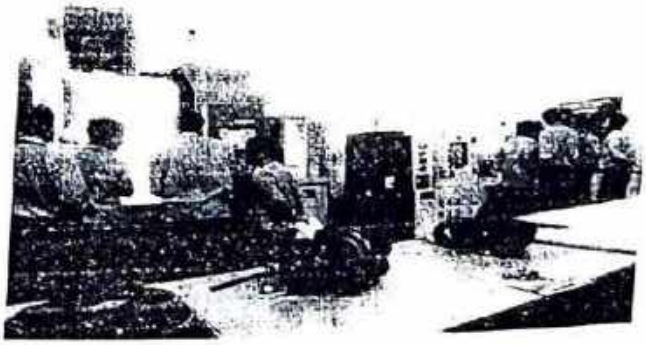
Training photos

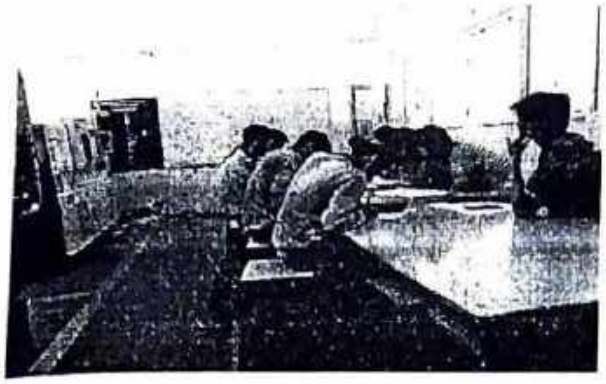


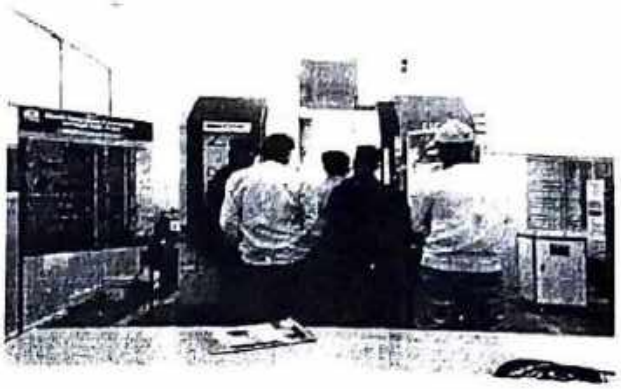






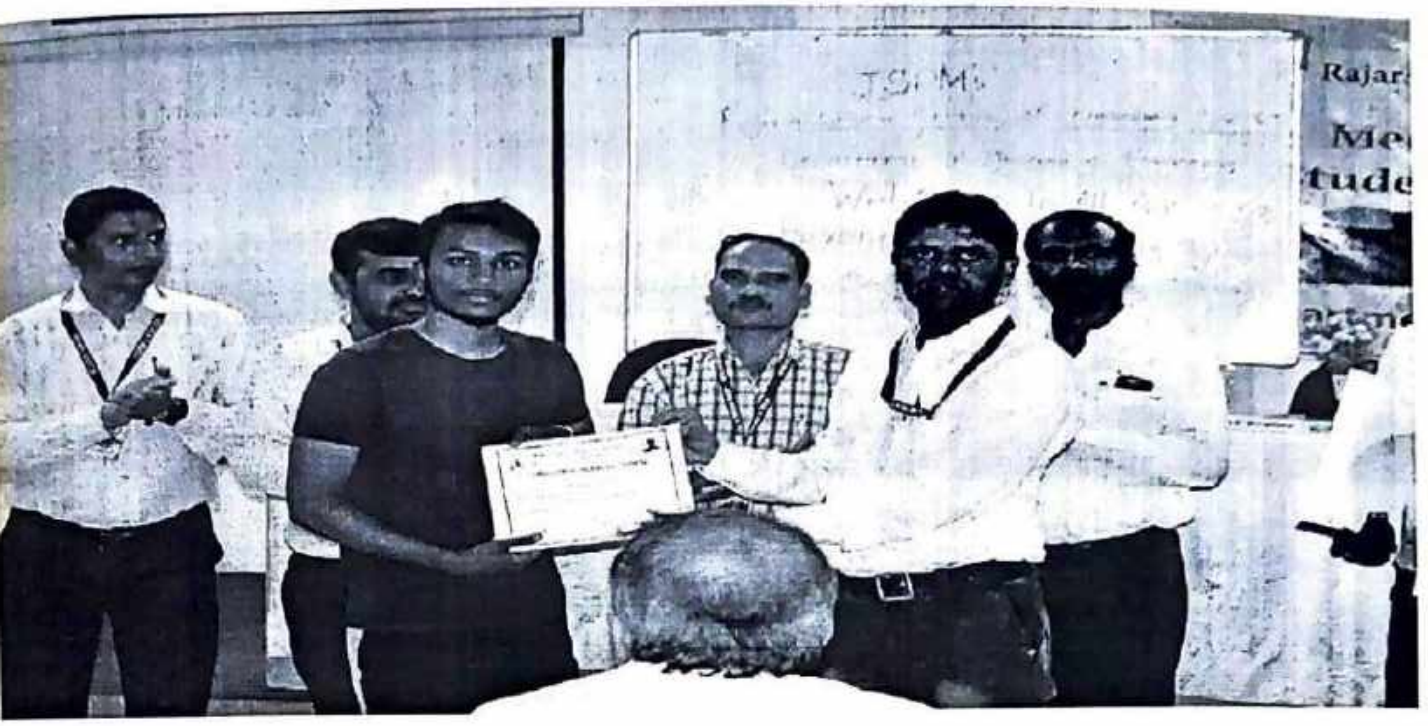






GPS Map Camera
Dattwadi, Maharashtra, India
72/2, Ashok Nagar, Tathawade,
Dattwadi, Maharashtra 411033, India
Lat 18.619754°
Long 73.749622°
21/11/22 05:18 PM GMT +05:30
Google

Certificate distribution photos



Welcome to Department

Welcome to Department

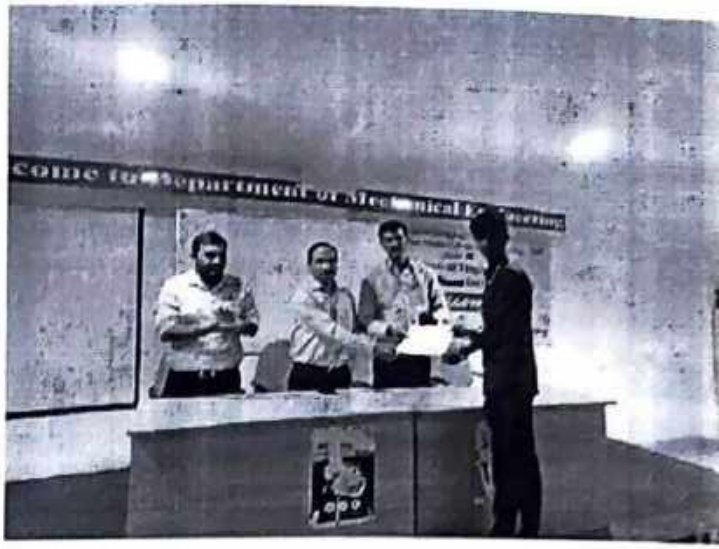
Welcome to

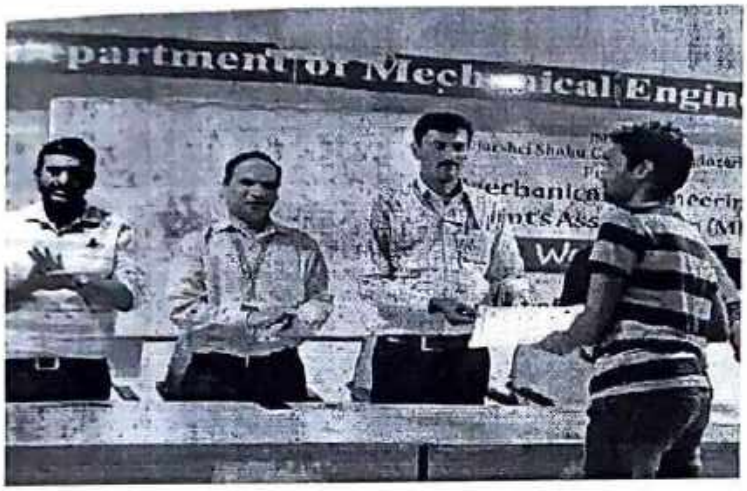
Welcome to Department

Welcome to

Welcome to

Certificate distribution photos





Rajarshi Shahu College of Engineering, Pune

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

CERTIFICATE OF CNC AND VMC TRAINING

This is to certify that Mr. / Ms. Chavan Lakhan Raju

has successfully completed the hands on training on CNC Lathe & VMC Machines at Department of Mechanical Engineering of Rajarshi Shahu College of Engineering, Tathawade, Pune during 10 Sept. 2022 to 30 NOV. 2022

Prof. S.J. Jagtap
(Workshop Supdt)

Dr. R.R. Arakerimath
HEAD (Head of Dept.)
Mechanical Engineering

Dr. R.K. Jain
(Director)

Rajarshi Shahu College of Engineering, Pune

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

CERTIFICATE OF CNC AND VMC TRAINING

This is to certify that Mr. / Ms. Kulat Yatiraj Anil

has successfully completed the hands on training on CNC Lathe & VMC Machines at Department of Mechanical Engineering of Rajarshi Shahu College of Engineering, Tathawade, Pune during 10 Sept. 2022 to 30 NOV. 2022

Prof. S.J. Jagtap
(Workshop Supdt)

Dr. R.R. Arakerimath
(Head of Dept.)

Dr. R.K. Jain
(Director)

Rajarshi Shahu College of Engineering, Pune

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

CERTIFICATE OF CNC AND VMC TRAINING

This is to certify that Mr. / Ms. Saste Mitesh shivaji has successfully completed the hands on training on CNC Lathe & VMC Machines at Department of Mechanical Engineering of Rajarshi Shahu College of Engineering, Tathawade, Pune during 10 sept. 2022 to 30 Nov. 2022

Prof. S.J. Jagtap
(Workshop Supdt)

Dr. R.R.Arakerimath
(Head of Dept.)
HEAD OF DEPARTMENT
Mechanical Engineering

Dr. R.K. Jain
(Director)

This is to certify that Mr. / Ms. Vasekar Abhijeet Anil

has successfully completed the hands on training on CNC Lathe & VMC Machines at Department of Mechanical Engineering of Rajarshi Shahu College of Engineering, Tathawade, Pune during 10 Sept. 2022 to 30 Nov. 2022

Prof. S.J. Jagtap
(Workshop Supdt)

Dr. R.R. Arakerimath
(Head of Dept)
HEAD OF DEPARTMENT
Mechanical Engineering
Rajarshi Shahu College of Engineering
Tathawade, Pune-33

Dr. R.K. Jain
(Director)

This is to certify that Mr. / Ms. Shirode Mayuresh Sagar

has successfully completed the hands on training on CNC Lathe & VMC Machines at Department of Mechanical Engineering of Rajarshi Shahu College of Engineering, Tathawade, Pune during 10 Sept 2022 to 30 NOV 2022

Prof. S.J. Jagtap
(Workshop Supdt)

Dr. R.R. Arakerimath
(Head of Dept.)
HEAD OF DEPARTMENT
Mechanical Engineering
JSPM's Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune-411 033. M.S. (India)

Dr. R.K. Jain
(Director)

Rajarshi Shahu College of Engineering, Pune

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

CERTIFICATE OF CNC AND VMC TRAINING

This is to certify that Mr. / Ms. Pawar Prajwal Dattatray

has successfully completed the hands on training on CNC Lathe & VMC Machines at Department of Mechanical Engineering of Rajarshi Shahu College of Engineering, Tathawade, Pune during 10 Sept. 2022 to 30 Nov. 2022

Prof. S.J. Jagtap
(Workshop Supdt)

Dr. R.R. Arakerimath
(Head of Dept.)
HEAD OF DEPARTMENT
Mechanical Engineering

Dr. R.K. Jain
(Director)

LEARNATHON 2022

ICTACADEMY®

CERTIFICATE OF APPRECIATION

Proudly presented to

Prof Ashwini Bavishkar

JSPM Rajarshi Shahu College of Engineering

For Outstanding Contribution & Support in completing 100 student – learnings during the Learnathon 2022 held on September - October 2022

Partners

Microsoft | aws academy | Automation Anywhere | Bentley Institute | celonis | Google | MathWorks | Qlik | vmware IT ACADEMY

C.No: 5-722-2071 | **Date:** 14 Mar 2023

Hari Balachandran
Chief Executive Officer

Proposal for certificate course on

Programming Essentials in Python

Implemented by

ICTACADEMY

In association with

Networking Academy

This exclusive proposal is applicable and valid until

31st March 2023

1. ABOUT ICT ACADEMY

ICT Academy is an initiative of the Government of India, State Government and Industry. ICT Academy is a not-for-profit organization, the first of its kind venture under the public-private-partnership model that endeavors to train the higher education teachers and students thereby exercises developing the next generation teachers and industry ready students.

ICT Academy was started to meet the skill requirements of the industry and generate more employment especially in tier II and III parts of the country. The organization was formed with representations from government and industry. With training of teachers and students as the primary objective, ICT Academy has been working through a seven-pillar program in the areas of Faculty Development, Skill Development, Entrepreneurship Development, Youth Empowerment, Research & Publications, Digital Empowerment, and Industry-Institute Interaction.

ICT Academy is continuously striving on every aspect to provide a holistic service to every stakeholder of the education ecosystem in developing the next generation of talent pool in India to make them industry-ready employees, innovators, entrepreneurs and leaders.

Through its various initiatives, ICT Academy has been part of strengthening the India's four important visions namely Skill India, Digital India, Startup India and Make in India We collaborate with public and private organizations to create, integrate and disseminate knowledge in the field of ICT to bridge the gap between academic output and industry requirements thus providing every learner an equal opportunity to become industry-ready.

2. CISCO NETWORKING ACADEMY

Cisco Networking Academy is a global IT and cybersecurity education program that provides best-in-class courses, tools, and resources to help people from all backgrounds participate in the digital economy.

CISCO lead with our strength in technology and we innovate with the instructors and education partners, who share our commitment to powering an inclusive future for all. A powerful skills-to-jobs program, Networking Academy helps students develop in-demand industry skills and connects them with peers, mentors, and real jobs.

3. INTRODUCTION TO CISCO NETACAD

ICT Academy in partnership with CISCO proposes to offer Industry specific student skill development programs and certifications for engineering students of its members Institutions. This proposal is submitted to offer training and certification for the students. CISCO through its NetAcad initiative aims to provide industry-recognized credentials that can help students succeed in their design career

With training of teachers and students as the primary objective, ICT Academy has been working through a seven-pillar program in the areas of Faculty Development, Student Skill Development, Entrepreneurship Development, Youth Empowerment, Industry-Institute Interaction, Digital Empowerment and Research & Publications.

In partnership with CISCO Netacad, ICT Academy aims at setting up CISCO NetAcad centres across its member colleges to provide free learning resources to the students and also offer specialized career development program to students on subsidized fees to empower the Indian youth.

4. OPPORTUNITY TO BECOME CISCO NETACAD INSTITUTION MEMBER

Cisco Networking Academy transforms the lives of learners, educators and communities through the power of technology, education and career opportunities. Available to anyone, anywhere. ICT Academy as an authorized partner of CISCO NetAcad, is aiming at establishing NetAcad centres across its member institution. This proposal provides an opportunity for ICT Academy member institutions to initiate the process of obtaining CISCO NetAcad membership for your institution.

As part of our extensive IT skills and career-building program, CISCO offer a range of exploratory to career-ready courses that can be combined into complete pathways to prepare students for certification and lucrative, exciting careers that empower the digital economy. CISCO NetAcad provides the following benefits to partnering institutions.

- Partnership branding to position your institution as CISCO NetAcad approved institution.
- High-quality courses, learning tools, education platform and teaching resources-all licensed free of charges for students.
- Discounts on global certification exams.
- Instructor training support from ICT Academy at subsidized course fee for select courses.
- Online simulations, games, quizzes, and assessments in portal.

5. PROGRAMMING ESSENTIALS IN PYTHON

5.1. ABOUT PYTHON

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built-in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the

extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

5.2. WHY LEARN PYTHON

- It is omnipresent – people use numerous Python-powered devices on a daily basis, whether they realize it or not.
- There have been millions (well, actually billions) of lines of code written in Python, which means almost unlimited opportunities for code reuse and learning from well-crafted examples.
- It is easy to learn – the time needed to learn Python is shorter than for many other languages; this means that it's possible to start the actual programming faster.
- It is easy to use for writing new software – it's often possible to write code faster when using Python.
- It is easy to obtain, install and deploy – Python is free, open and multiplatform; not all languages can boast that.
- There is a large and very active Python community.
- It will give you a solid foundation and allow you to learn other programming languages (e.g., C++, Java, or C) much easier and much faster.
- It will be fun!

5.3. COURSE OVERVIEW

The Certificate course in Python covers all the basics of programming in Python, as well as general computer programming concepts and techniques. The course also familiarizes the student with the object-oriented approach.

Module 1	**Introduction**
Module 2	Data types, variables, basic input-output operations, basic operators
Module 3	Boolean values, conditional execution, loops, lists and list processing, logical and bitwise operations
Module 4	Functions, tuples, dictionaries, and data processing
Module 5	Modules, packages, string and list methods, and exceptions

Module 6	The object-oriented approach: classes, methods, objects, and the standard objective features; exception handling, and working with files
Module 7	Database connectivity
Module 8	GUI (Graphic User Interface)

5.4. COURSE OBJECTIVES

The aim of the course is to:

- Familiarize the student with the universal concepts of computer programming,
- Present the Python programming language syntax, semantics, and the runtime environment,
- Acquaint the student with general coding techniques and object-oriented programming,
- Enable the student to start her/his own studies, and to open a path to the developer's career.

5.5. COURSE DURATION

Blended Mode of Delivery including experts' sessions and self - paced learning.

Mode of Training	**Duration of Training**
Instructor Led Classes	18 Hours
Self-Learning	50 Hours
Assessment & Certification	02 Hours
Total Duration	**70 hours**

5.6. TARGET AUDIENCE

Graduating Students with prior knowledge of any programming language.

5.7. HARDWARE & SOFTWARE REQUIREMENTS

PC running Windows 7/10, i3 or later processor, and 4GB RAM or more

5.8. ASSESSMENT AND CERTIFICATION

On successful completion of the assessments in course, the student will be eligible for

- ICT Academy Certificate in Python Programming
- PCAP – Programming Essentials in Python

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TEJASWINI RAJENDRA MOHALKAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **60** %

Online Assignments	17.17/25	Proctored Exam	43.16/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL22HS77S13001467

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHARDUL DESHPANDE

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **75** %

Online Assignments	22.88/25	Proctored Exam	51.92/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL22HS77S13001251

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

JANHAVI SAWARKAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **60** %

Online Assignments	18.08/25	Proctored Exam	41.81/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL22HS77S13001311

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANKET RUPNAVAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **69** %

Online Assignments	20.21/25	Proctored Exam	48.98/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22HS77S13001293

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANKET RUPNAVAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **69** %

Online Assignments	20.21/25	Proctored Exam	48.98/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22HS77S13001293

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANKET RUPNAVAR

for successfully completing the course

Cloud Computing

with a consolidated score of **50** %

Online Assignments	19.94/25	Proctored Exam	30/75

Total number of candidates certified in this course: **11454**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL23CS42S54480395

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

OM SHRIKANT NAIK

for successfully completing the course

Advance Power Electronics and Control

with a consolidated score of **56** %

Online Assignments	24.58/25	Proctored Exam	31.5/75

Total number of candidates certified in this course: **153**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2022

(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22EE127S13001206

To validate the certificate

No. of credits recommended: 2 or 3

CamScanner

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

NIKHIL BALASAHEB MORE

for successfully completing the course

Power System Protection

with a consolidated score of **52** %

Online Assignments	19.35/25	Proctored Exam	32.4/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SMIT SACHIN SABNIS

for successfully completing the course

Power System Protection

with a consolidated score of **52** %

Online Assignments	21/25	Proctored Exam	30.6/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53780413

To validate the certificate

No. of credits recommended: 3 or 4

Scanned with CamScanner

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

HARSH DHONDIBA MANE

for successfully completing the course

Advances in UHV Transmission and Distribution

with a consolidated score of **48** %

Online Assignments	14.83/25	Proctored Exam	33.12/75

Total number of candidates certified in this course: **598**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Sep 2023

(8 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE92S45054050

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

Lokesh Deepak Shedge

for successfully completing the course

Non-conventional Energy Resources

with a consolidated score of **57** %

Online Assignments	22.31/25	Proctored Exam	34.56/75

Total number of candidates certified in this course: **717**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No:NPTEL23GE04S45634522

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PUSA BHARAT MAHESH

for successfully completing the course

Power System Protection

with a consolidated score of **44** %

Online Assignments	13.38/25	Proctored Exam	30.6/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22EE101S53880076

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KISHOR PATLOBA MUNDE

for successfully completing the course

Power System Protection

with a consolidated score of **49** %

Online Assignments	19.13/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22EE101S63860131

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

JYOSHNA SHIVAJI PANDHARPOTE

for successfully completing the course

Power System Protection

with a consolidated score of **45** %

Online Assignments	12.88/25	Proctored Exam	32.4/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22EE101S63780997

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

OMKAR VIJAY KURADE

for successfully completing the course

Power System Protection

with a consolidated score of **51** %

Online Assignments	20.69/25	Proctored Exam	30.6/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22EE101S63750231

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AKSHAY SHINDE

for successfully completing the course

Power System Protection

with a consolidated score of **53** %

Online Assignments	20.22/25	Proctored Exam	32.4/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S63780619

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AVINASH ASHOK TEMKAR

for successfully completing the course

Power System Protection

with a consolidated score of **55** %

Online Assignments	20.72/25	Proctored Exam	34.46/75

Total number of candidates certified in this course: **172**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE111S845102193

To verify the certificate

No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BADGUJAR PIYUSH ARUN

for successfully completing the course

Power System Protection

with a consolidated score of **73** %

Online Assignments	21/25	Proctored Exam	52.2/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53850060

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

RUTUJA JAGANNATH THORAT

for successfully completing the course

Power System Protection

with a consolidated score of **48** %

Online Assignments	18.19/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53780528

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAHIL JANARDAN MARBHAL

for successfully completing the course

Power System Protection

with a consolidated score of **51** %

Online Assignments	21/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53780301

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAYALI MILIND CHANDE

for successfully completing the course

Power System Protection

with a consolidated score of **46** %

Online Assignments	16.16/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53780339

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TANMAY DABHADE

for successfully completing the course

Power System Protection

with a consolidated score of **50** %

Online Assignments	19.91/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53780453

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHIVPAL

for successfully completing the course

Power System Protection

with a consolidated score of **50** %

Online Assignments	19.91/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Jul-Oct 2022

(12 week course)

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53810023

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

OMKAR RAJENDRA KUNDLE

for successfully completing the course

Power System Protection

with a consolidated score of **51** %

Online Assignments	20.53/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S63800173

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

RENUKA FATKAR

for successfully completing the course

Power System Protection

with a consolidated score of **57** %

Online Assignments	14.03/25	Proctored Exam	43.2/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53830085

To validate the certificate

No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DIPAK MACHHINDRA KOLE

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **63** %

Online Assignments	17.5/25	Proctored Exam	45/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S45054326

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRATIK DIPAK ROKADE

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **52** %

Online Assignments	17.92/25	Proctored Exam	34.5/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S35053465

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TEJAS SANJAY THORAT

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **54** %

Online Assignments	18.33/25	Proctored Exam	36/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S35053749

To verify the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

HARSHADA NAMDEV CHAVAN

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **60** %

Online Assignments	17.5/25	Proctored Exam	42/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S45054390

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MASHALKAR VYANKTESH NAGNATH

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **57** %

Online Assignments	18.33/25	Proctored Exam	39/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S45054818

To verify the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ASHISH NAMDEV ARJUNWADAKAR

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **65** %

Online Assignments	18.33/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S45052907

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MONIKA SHINDE

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **57** %

Online Assignments	**18.33/25**	*Proctored Exam*	**39/75**

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S45054845

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

GAURAV DATTU BARKALE

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **56** %

Online Assignments	17.08/25	Proctored Exam	39/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S45054358

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

NEHA BHUJANGRAO DHARMIK

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **44** %

Online Assignments	14.17/25	Proctored Exam	30/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S45054876

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TEJASHREE GANESH RAJGURU

for successfully completing the course

Power System Protection and Switchgear

with a consolidated score of **53** %

Online Assignments	18.75/25	Proctored Exam	34.5/75

Total number of candidates certified in this course: **631**

Prof. Kaushik Ghosh,
Professor(Chemistry)
Coordinator CEC

Jul-Sep 2023

(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE125S35040282

To verify the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

HRISHIKESH PRAMOD SANAP

for successfully completing the course

Power System Protection

with a consolidated score of **48** %

Online Assignments	17.88/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22EE101S63780966

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRASAD KAMALAKAR AMBEKAR

for successfully completing the course

Power System Protection

with a consolidated score of **50** %

Online Assignments	19.75/25	Proctored Exam	30/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S63860162

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUMIT BHASKAR BARASKAR

for successfully completing the course

Power System Protection

with a consolidated score of **57** %

Online Assignments	12.35/25	Proctored Exam	45/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53730279

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ADITI KULKARNI

for successfully completing the course

Power System Protection

with a consolidated score of **54** %

Online Assignments	20.06/25	Proctored Exam	34.2/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22EE101S63781028

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TARUN KANDARE

for successfully completing the course

Programming In Java

with a consolidated score of **51** %

Online Assignments	16.09/25	Proctored Exam	35.21/75

Total number of candidates certified in this course: **9357**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL23CS49S14482003

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SACHIN NAVNATH WAGH

for successfully completing the course

Power System Protection

with a consolidated score of **43** %

Online Assignments	12.35/25	Proctored Exam	30.6/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S63730601

To validate the certificate

No. of credits recommended: 3 or 4

Scanned with CamScanner

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SADHANA KHAMARI

for successfully completing the course

Power System Protection

with a consolidated score of **58** %

Online Assignments	20.38/25	Proctored Exam	37.8/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22EE101S53780265

To validate the certificate

No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SARVADNYA SANJAYKUMAR NIKRAD

for successfully completing the course

Embedded System Design with ARM

with a consolidated score of **60** %

Online Assignments	22.75/25	Proctored Exam	37.74/75

Total number of candidates certified in this course: **305**

Jul-Sep 2022

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22CS93S13001522

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BALRAJ SHIVRAJ MALAGE

for successfully completing the course

Power System Protection

with a consolidated score of **58** %

Online Assignments	20.53/25	Proctored Exam	37.8/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S63780714

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHWETA BAJIRAO PATIL

for successfully completing the course

Power System Protection

with a consolidated score of **47** %

Online Assignments	12.66/25	Proctored Exam	34.2/75

Total number of candidates certified in this course: **233**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22EE101S53780376

To validate the certificate

No. of credits recommended: 3 or 4

udemy

Certificate no: UC-0f6da4d8-f493-4534-9625-a5d9fff7960a
Certificate url: ude.my/UC-0f6da4d8-f493-4534-9625-a5d9fff7960a
Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Devashish Pisudde

Date **Jan. 2, 2023**
Length **65.5 total hours**

udemy

Certificate no: UC-2de30064-1411-4af3-a54d-6f63f5be58b2
Certificate url: ude.my/UC-2de30064-1411-4af3-a54d-6f63f5be58b2
Reference Number: 0004

CERTIFICATE OF COMPLETION

C Programming For Beginners - Master the C Language

Instructors **Tim Buchalka's Learn Programming Academy, Jason Fedin**

Tanmay Mahajan

Date **April 11, 2023**
Length **23.5 total hours**

udemy

Certificate no: UC-1e97ab20-c8e7-4495-94e2-bb3757bec127
Certificate url: ude.my/UC-1e97ab20-c8e7-4495-94e2-bb3757bec127
Reference Number: 0004

CERTIFICATE OF COMPLETION

Learn Ethical Hacking From Scratch

Instructors **Zaid Sabih, z Security**

Samrat Gaisamudre

Date **April 11, 2023**
Length **16 total hours**

udemy

Certificate no: UC-171315d6-6403-4d96-95b3-7f4ffdbc20da
Certificate url: ude.my/UC-171315d6-6403-4d96-95b3-7f4ffdbc20da
Reference Number: 0004

CERTIFICATE OF COMPLETION

SQL Bootcamp with MySQL, PHP & Python : 5 Courses in 1

Instructors **Creative Online School**

Sanika Naik

Date **April 13, 2023**
Length **3 total hours**

udemy

Certificate no: UC-83b88a8b-dc8d-486f-a55e-f2f9aa78eee1
Certificate url: ude.my/UC-83b88a8b-dc8d-486f-a55e-f2f9aa78eee1
Reference Number: 0004

CERTIFICATE OF COMPLETION

Programming Network Applications in Java

Instructors **Cyber Quince**

Shubham Gavkare

Date **April 12, 2023**
Length **2 total hours**