

# ADVANCED ROBOTICS COURSE 2023-24

Total Hrs: 30

## 1. Motors and Gear System

- I. Types of Motors (1 Hr)
  - a) DC Motor
  - b) AC Motor
  - c) BLDC (Brushless DC) Motor
  - d) Servo Motor
  - e) Coreless Motor
  - f) PMDC (Permanent Magnet DC) Motor
- II. Working of DC Motor (1 Hr)
- III. Introduction to Gear System (1 Hr)
- IV. Types of Gear System (1 Hr)
  - a) Johnson
  - b) Planetary
  - c) Square Gear
  - d) BO Motor
- V. Applications (1 Hr)

## 2. Microcontrollers (Programming & Connections)

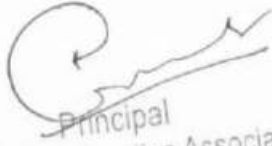
- I. Programming Arduino (1 Hr)
- II. Connections of Arduino (0.5 Hr)
- III. PWM Signals (1 Hr)
- IV. PID signals (1 Hr)
- V. Programming Raspberry Pie (1 Hr)
- VI. Connections of Raspberry Pie (0.5 Hr)

## 3. Electronics

- I. Electronics Circuits (1 Hr)
- II. Circuit Designing (1 Hr)
- III. Relay Circuits (1 Hr)
- IV. H-Bridge Motor Drivers (1 Hr)
- V. Applications of Relays and Motor Drivers (1 Hr)

## 4. Designing Of Robots

- I. Basic Designs (0.5 Hr)
- II. 3D Printing (1 Hr)
- III. Working on Machines (1 Hr)
  - a) Lathe Machine
  - b) Welding Machine
  - c) Milling Machine
  - d) Grinding Machine
- IV. Material Selection (0.5 Hr)
- V. Parts Designing (0.5 Hr)

  
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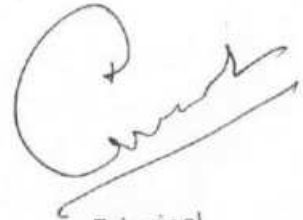
- VI. Working Mechanism (0.5 Hr)
- VII. Components Selection (0.5 Hr)
- VIII. Applications (0.5 Hr)

#### 5. Controlling System.

- I. Types of Controllers (1 Hr)
  - a) Wired Controlling
  - b) Wireless Controlling
  - c) Automated
- II. Wired Controlling (1 Hr)
- III. Wireless Controlling (1 Hr)
- IV. Automated Controlling (1 Hr)
- V. Connections and Electronics (1 Hr)

#### 6. Applications Of Robotics

- I. Industrial Use (1 Hr)
- II. Military (1 Hr)
- III. Health and Care (1 Hr)
- IV. Under Water Exploration (1 Hr)
- V. Agricultural (1 Hr)
- VI. Robot simulation software-ROS, autodesk or blende



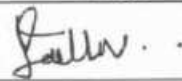

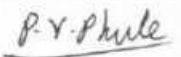



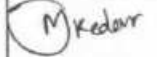
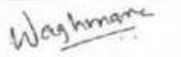

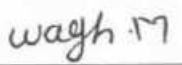
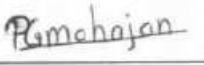
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ROBOTICS-ADVANCED COURSE 2023-24  
**Registration Form**

Date: 3/2/2024

Sr.No	Name of Student	Class	Email ID	Whatsapp Number	Permanent address	Sign
1	Samruddhi Jadhav	F.E (C)	SamruddhiJadhav15126@gmail.com	9529848234	Pimpri Dumala Tal. Shirur Dist Pune	
2	Rutuja Yadav	F.E (D)	rutujayadav2006@gmail.com	8421907950	Lonand, Satara	
3	Parth Phule	F.E. (C)	phuleparth@gmail.com	9359229458	Shewalewadi, Pune	
4	Saish Kothkar	F.E (C)	Saishkothkar@gmail.com	7823049065	C-G-VSI housing Manjari (Bk) Pune	
5	Muskan Deshmukh	F.E (A)	Muskandeshmukh93@gmail.com	9284946205	34A Ankita housing society besa nagpur	
6	Ajinkya Adsul	F.E (E)	ajinkyaadsul2007@gmail.com	8669920071	Nilesh Park, Malawadi, Hadapsar	
7	Manthan Kedar	F.E (E)	manthankedar04@gmail.com	8329351036	Dodi Bk, Tal - sinner dist - nashik	
8	Yashraj Waghmare	F.E (E)	waghmareyash241@gmail.com	7038576161	Kamal park gopalpathi manjari bk	
9	Manthan Rahane	FE (E)	rahane.manthan6@gmail.com	7840992826	Aishwarya Apt, Dhamkhedi, Rahar-Raigad	
10	Manjusha Wagh.	FE (B)	manjushawagh56@gmail.com	7743868043	Djane malegaon dist Nashik	
11	Pooja Mahajan	FE (D)	poojam8556@gmail.com	9112853556	At Post Juni Tejuti Tal. Purandar Dist : Pune	

  
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Date: 3/2/2024

Sr.No	Name of Student	Class	Email ID	Whatsapp Number	Permanent address	Sign
12	chavhan Dhanraj	FE (F)	dhanaaj.chavhan@gmail.com	8329592940	dhawalpuri. A. nagar	
13	fluake Rohit	FE (B)	anurrohit58@gmail.com	7149791405	manjari BK	
14	Yugendhar Dashmukh	FE (D)	yugendharedashmukh@gmail.com	9766379721	manjari Bk. Pune	
15	Anand Gaurai	FE (D)	anandgaurai25@gmail.com	8856922987	Buldhana	
16	Dunlop Ray Chowdhary	FE (C)	dunlop ray chowdhary@gmail.com	8000405535	Jagun	
17	Agush Santosh Kurwad	FE (C)	Kurwad agush, 075@gmail.com	7276903589	Sambhajinagar	
18	Vaibhav Power	FE (D)	Vaibhav Power 0028@gmail.com	8949617177	Songli	
19	Dnyaneshwar Belkhatge	FE (D)	dnyaneshwar belkhatge 710@gmail.com	9209233275	Ahiljanaygar	
20	Shardul Shelar	FE (B)	ShardulShelar502@gmail.com	9552979982	Nanded	
21	Yash Vanjari	FE (B)	yashvanjari67@gmail.com	9975368749	Satara.	
22	Yash Mete	FE (B)	yashmete266@gmail.com	8378976036	ch. sambhajinagar	

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Registration Form

Date: 3/2/2024

Sr.No	Name of Student	Class	Email ID	Whatsapp Number	Permanent address	Sign
23	Nisha Salvi	F.E (E)	nishasalvi275@gmail.com	7972080084	Plot no. 149, Samta park, Shahupuri, Satara	Nisha
24	Sonaya Tembe	F.E (C)	soniyatembe61@gmail.com	9156393103	Near. Mahatma Phule School Bhosari Pune	Tembe
25	Tanishka Kattkar	S.E (C)	kattkar.tanishka715@gmail.com	7720073997	Hadapsar	
26	Shrawani Jagdale	S.E (C)	shrawanijagdale020@gmail.com	9420896634	Kharadi	Jagdale
27	Parag Dhore	S.E (E)	ParagDhore43@gmail.com	9637611448	Solapur	Parag
28	Rohan Bhoyar	S.E (E)	RohanBhoyar321@gmail.com	9112248654	Chandrapur	Rohan
29	Swami Netake	S.E (E)	swaminetake143@gmail.com	9561209266	Chakan	Netake
30	Sachin Bhagat	T.E (M)	sachinbhagat309@gmail.com	9765886730	Ahmedpur	Bhagat

  
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ROBOTICS-ADVANCED COURSE 2023-24

Attendance

Sr.No	Name of Student	Class	Department	3/2/24	4/2/24	10/2/24	11/2/24	17/2/24	18/2/24	24/2/24	25/2/24	2/3/24	3/3/24
1	Samruddhi Tadav	F.E(C)	computer	Padav	Padav	Padav	Padav	Padav	Padav	Padav	Padav	Padav	Padav
2	Rutuja Yadav	F.E(D)	Mech	Padav	Padav	Padav	Padav	Padav	Padav	Padav	Padav	Padav	Padav
3	Parth Phule	F.E(C)	Mechanical	P.V.Phule	P.V.Phule	P.V.Phule	P.V.Phule	P.V.Phule	P.V.Phule	P.V.Phule	P.V.Phule	P.V.Phule	P.V.Phule
4	Swish Kothkar	F.E(C)	Computer	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw
5	Muskan Deshmukh	F.E(A)	Computers	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan
6	Ajinkya Adsul	F.E(E)	AJIDS	A	A	A	A	A	A	A	A	A	A
7	Manthan Kedar	F.E(E)	AJIDS	M.Kedar	M.Kedar	M.Kedar	M.Kedar	M.Kedar	M.Kedar	M.Kedar	M.Kedar	M.Kedar	M.Kedar
8	Yashraj Waghmare	F.E(E)	AJIDS	Waghmare	Waghmare	Waghmare	Waghmare	Waghmare	Waghmare	Waghmare	Waghmare	Waghmare	Waghmare
9	Manthan Rahane	F.E(E)	AJIDS	M.Rahane	M.Rahane	M.Rahane	M.Rahane	M.Rahane	M.Rahane	M.Rahane	M.Rahane	M.Rahane	M.Rahane
10	Manjusha Wagh.	F.E(B)	computer	wagh.m	wagh.m	wagh.m	wagh.m	wagh.m	wagh.m	wagh.m	wagh.m	wagh.m	wagh.m
11	Pooja Mahajan	F.E(D)	IT	P.Mahajan	P.Mahajan	P.Mahajan	P.Mahajan	P.Mahajan	P.Mahajan	P.Mahajan	P.Mahajan	P.Mahajan	P.Mahajan

  
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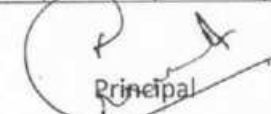
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ROBOTICS-ADVANCE COURSE 2023-24

Attendance

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12	Chavhan Dhanya	FE(F)	ENTC	<u>Chavhan</u>	<u>Chavhan</u>	<u>Chavhan</u>	<u>Chavhan</u>	<u>Chavhan</u>	<u>Chavhan</u>	<u>Chavhan</u>	<u>Chavhan</u>	<u>Chavhan</u>	<u>Chavhan</u>
13	Awake Rohit	FE(B)	CS	<u>Awake</u>	<u>Awake</u>	<u>Awake</u>	<u>Awake</u>	<u>Awake</u>	<u>Awake</u>	<u>Awake</u>	<u>Awake</u>	<u>Awake</u>	<u>Awake</u>
14	Yagundhe Deshmukh	FE(D)	IT	<u>Yagundhe</u>	<u>Yagundhe</u>	<u>Yagundhe</u>	<u>Yagundhe</u>	<u>Yagundhe</u>	<u>Yagundhe</u>	<u>Yagundhe</u>	<u>Yagundhe</u>	<u>Yagundhe</u>	<u>Yagundhe</u>
15	Ayush Kunwar	FE(C)	MECH	<u>Ayush</u>	<u>Ayush</u>	<u>Ayush</u>	<u>Ayush</u>	<u>Ayush</u>	<u>Ayush</u>	<u>Ayush</u>	<u>Ayush</u>	<u>Ayush</u>	<u>Ayush</u>
16	Anand Gaurai	FE(D)	IT	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>
17	Dunlop Ray chowdhary	FE(C)	MECH	<u>Dunlop</u>	<u>Dunlop</u>	<u>Dunlop</u>	<u>Dunlop</u>	<u>Dunlop</u>	<u>Dunlop</u>	<u>Dunlop</u>	<u>Dunlop</u>	<u>Dunlop</u>	<u>Dunlop</u>
18	Vaibhav Pawar	FE(D)	IT	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>
19	Dhyaneshwar Belhokar	FE(D)	IT	<u>Belhokar</u>	<u>Belhokar</u>	<u>Belhokar</u>	<u>Belhokar</u>	<u>Belhokar</u>	<u>Belhokar</u>	<u>Belhokar</u>	<u>Belhokar</u>	<u>Belhokar</u>	<u>Belhokar</u>
20	Shamrao Shelar	FE(B)	CS	<u>Shelar</u>	<u>Shelar</u>	<u>Shelar</u>	<u>Shelar</u>	<u>Shelar</u>	<u>Shelar</u>	<u>Shelar</u>	<u>Shelar</u>	<u>Shelar</u>	<u>Shelar</u>

  
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ROBOTICS-ADVANCED COURSE 2023-24

Attendance

Sr.No	Name of Student	Class	Department	3/2/24	4/2/24	10/2/24	11/2/24	17/2/24	18/2/24	24/2/24	25/2/24	2/3/24	3/3/24
21	Yash Vanjari	FE(B)	CS.										
22	Yash Mete	FE(B)	CS										
23	Nisha Salvi	FE(E)	AIDS										
24	Jonaya Tembe	FE(C)	Mechanical										
25	Tanishka Kulkarni	S.E(C)	comp										
26	Shravani Jagdale	S.E(C)	comp.										
27	Parag Dhore	S.E	E&Tc										
28	Rohan Bhoir	S.E	E&Tc										
29	Swami Netake	S.E	E&Tc										
30	Sachin Bhagat	T.E	mech										

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PDEA's  
College of Engineering, Manjari Bk, Pune – 412307  
Department of Mechanical Engineering  
**ROBOTICS – Advanced Course**  
(Academic Year: 2023-24)  
**Course Summery**

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**Overview:**

An Advanced course in Robotics has been introduced in the institute under the robotics Club. Advanced Robotics is an institute-level course that teaches students the fundamentals of creating And programming a robot to interact with its environment and perform basic tasks involving motion, Sensor data and decision-making. The course tightly combines instruction in theory with practical Application. Expose students to the history and current developments in the field of robotics. Provide a Challenging, highly engaging and personally rewarding learning experience.

**Course hours:**

The course is designed to be completed in 30 hrs. Sessions. At least one-third of the total course Hours are devoted to the hands-on, supervised team project.

**Course Outline:**

The course covers Motors and Gear System, Microcontrollers (Programming & Connections), Electronics, Designing Of Robots, Controlling System, Applications of Robotics For Industrial Use, Military, Health and Care, Under Water Exploration, Agricultural, Robot Simulation software-ROS, Autodesk or blender. This course gives us in depth knowledge of Robotics and useful for making different types of Robotic projects. Advanced Robotics Course Provide practical and theoretical training in Advance Robotics. Demonstrate the various ways Robots are controlled by humans through automation, haptic technologies and virtual reality. Compare Robot behavior, cooperation and learning with that of living systems. Practice the skills developed on the Course through simulations that allow you to experiment, explore and test your knowledge.

**Mode of Course:** Offline

**Course duration:** 3/2/2024 to 3/3/2024.

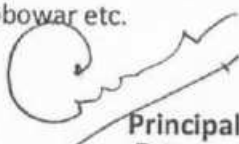
**Benefits of the course:**

- Encourage interest in STEM (science, technology, engineering, and mathematics) subjects Hone Coding Skills.
- Learn to be a Problem Solver.
- Creative Thinking.
- Develops the Skills of Tomorrow.

**Conclusion:**

- After the successfully completion of the course participants get certificates.
- Prepared students for making bots.
- Prepared students for various competitions at national and International level.
- Prepared students for various competitions like roborace, robosumo, Robosoccer, Robowar etc.

  
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**COLLEGE OF ENGINEERING**

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Approved by A.I.C.T.E., New Delhi No. 740-89-316 E/ET/98

Affiliated to Savitribai Phule Pune University, Pune | DTE Code - 6206 | Pune Uni. Code : 4026 (Engg.), 1223(MBA)

★ NAAC Accredited ★

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President

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Hon. Secretary

**Adv. Mohanrao Deshmukh**

Treasurer

**L. M. Pawar**

Dy. Secretary

**Dr. R. V. Patil**

Principal

**Assessment Procedure**

**Robotics-Advanced Course 2023-24**

Roboclub organizes robotics courses (Basic Course). The assessment is done by Trainers by giving instruction to prepare robotics model and transversal results they expect, define which dimensions need to be developed, and then observe them. After this, an effective assessment model is prepared by students and finally evaluated by trainers. Assessment includes oral and demonstration of Model which is made by students. Some of model already prepared for 2023- 24.

1. Fire Fighting Robot.
2. Autonomous Sumo Bot.

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**ROBOTICS - ADVANCE COURSE**  
**2023-24**  
**Certificate**



This is to certify that Mr. /M/s. /Ms. Yadav Rutuja Rayendra  
Class 1<sup>st</sup> year from department Mechanical has successfully completed one month  
Robotics-Advanced course organized by Roboclub (Team Jaguar) from 3/2/2024 to 3/3/2024 in PDEA's College  
of Engineering Manjari (Bk), Hadapsar, Pune-412307

  
Prof. N. A. Kumbhar  
Coordinator

  
Dr. S. A. Patil  
HOD Mechanical


  
Dr. R. V. Patil  
Principal  
Pune District Education Association's  
College of Engineering, Manjari (Bk.),  
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**ROBOTICS - ADVANCE COURSE**  
**2023-24**  
**Certificate**

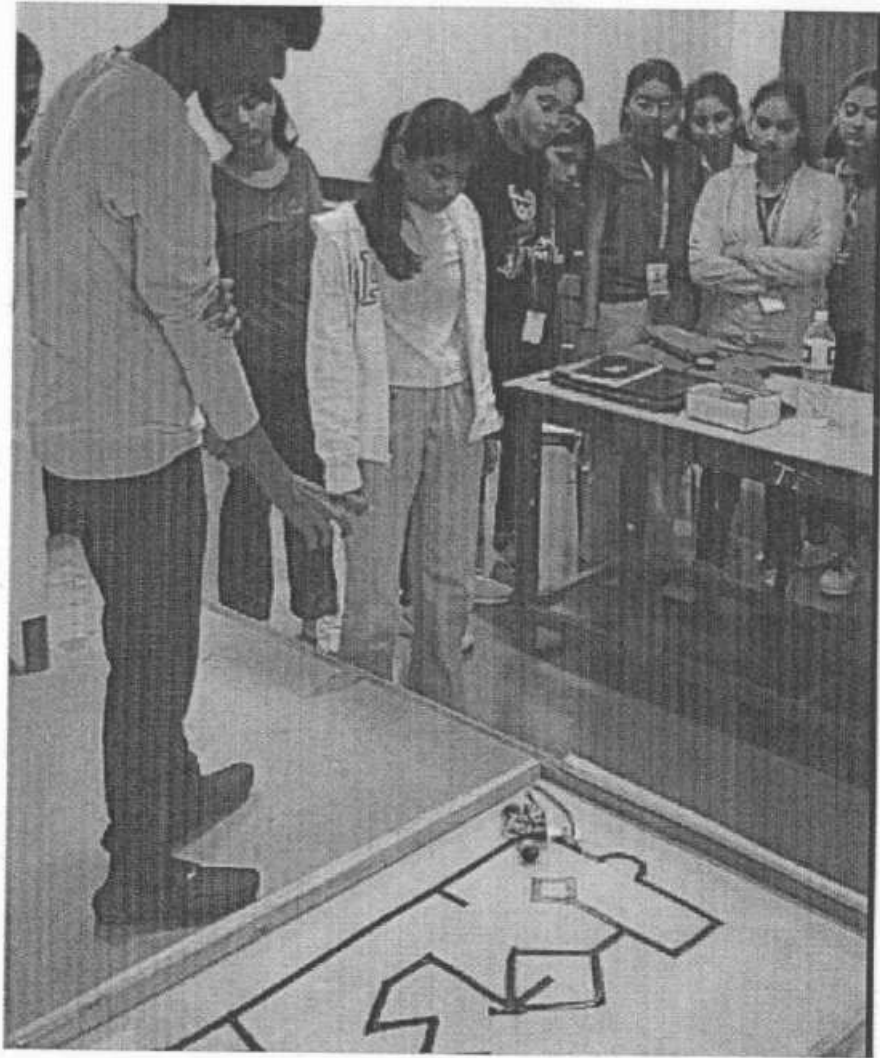


This is to certify that Mr. /M/s. /M/s. Manthan T. Rahane  
Class 1<sup>st</sup> year from department Artificial Intelligence & Data Science has successfully completed one month  
Robotics-Advanced course organized by Roboclub (Team Jaguar) from 3/2/2024 to 3/3/2024 in PDEA's College  
of Engineering Manjari (Bk), Hadapsar, Pune-412307

  
**Prof. N. A. Kumbhar**  
Coordinator

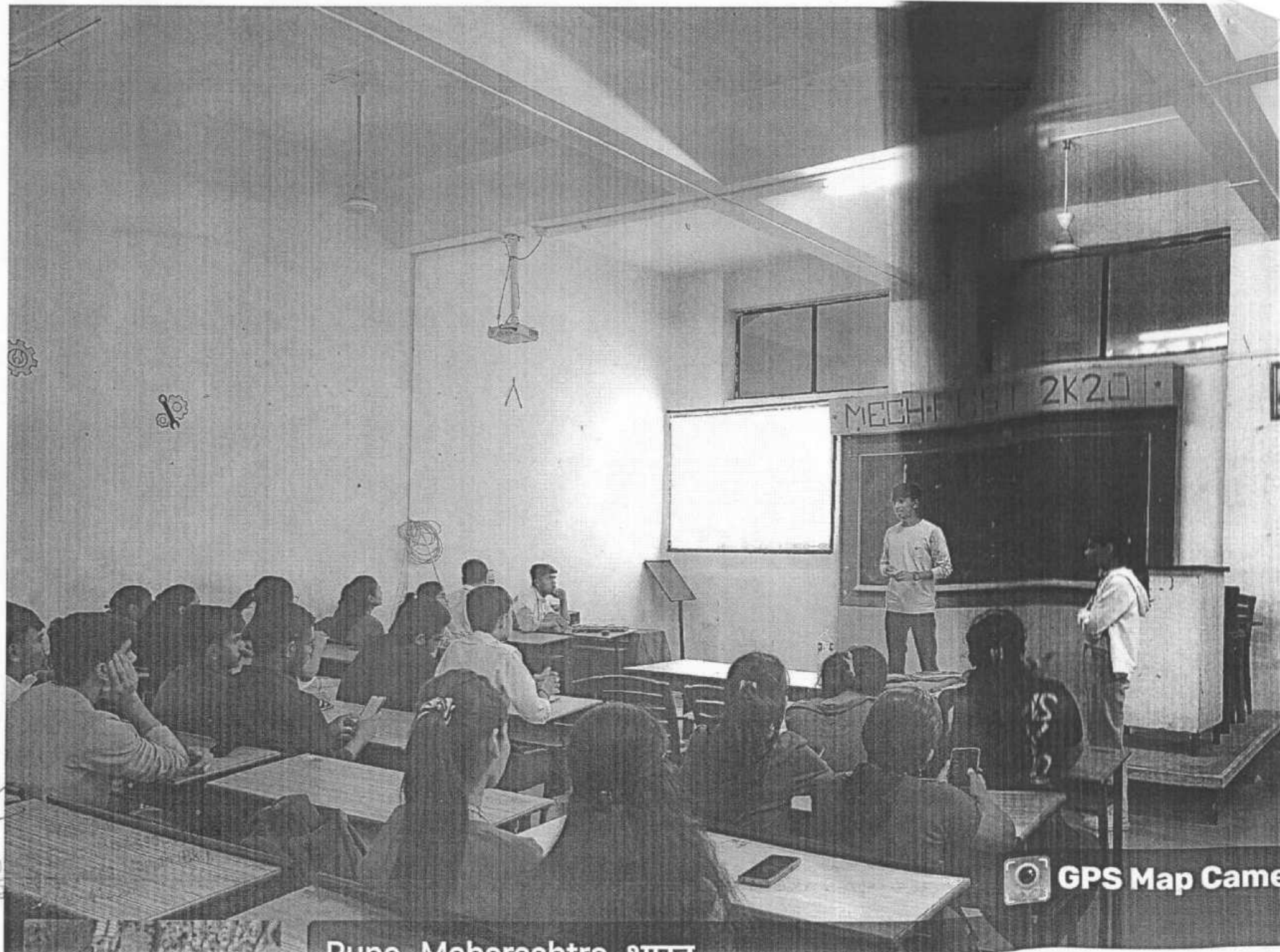
  
**Dr. S. A. Patil**  
HOD Mechanical

  
**Dr. R. V. Patil**  
Principal  
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College of Engineering, Manjari (Bk.)



  
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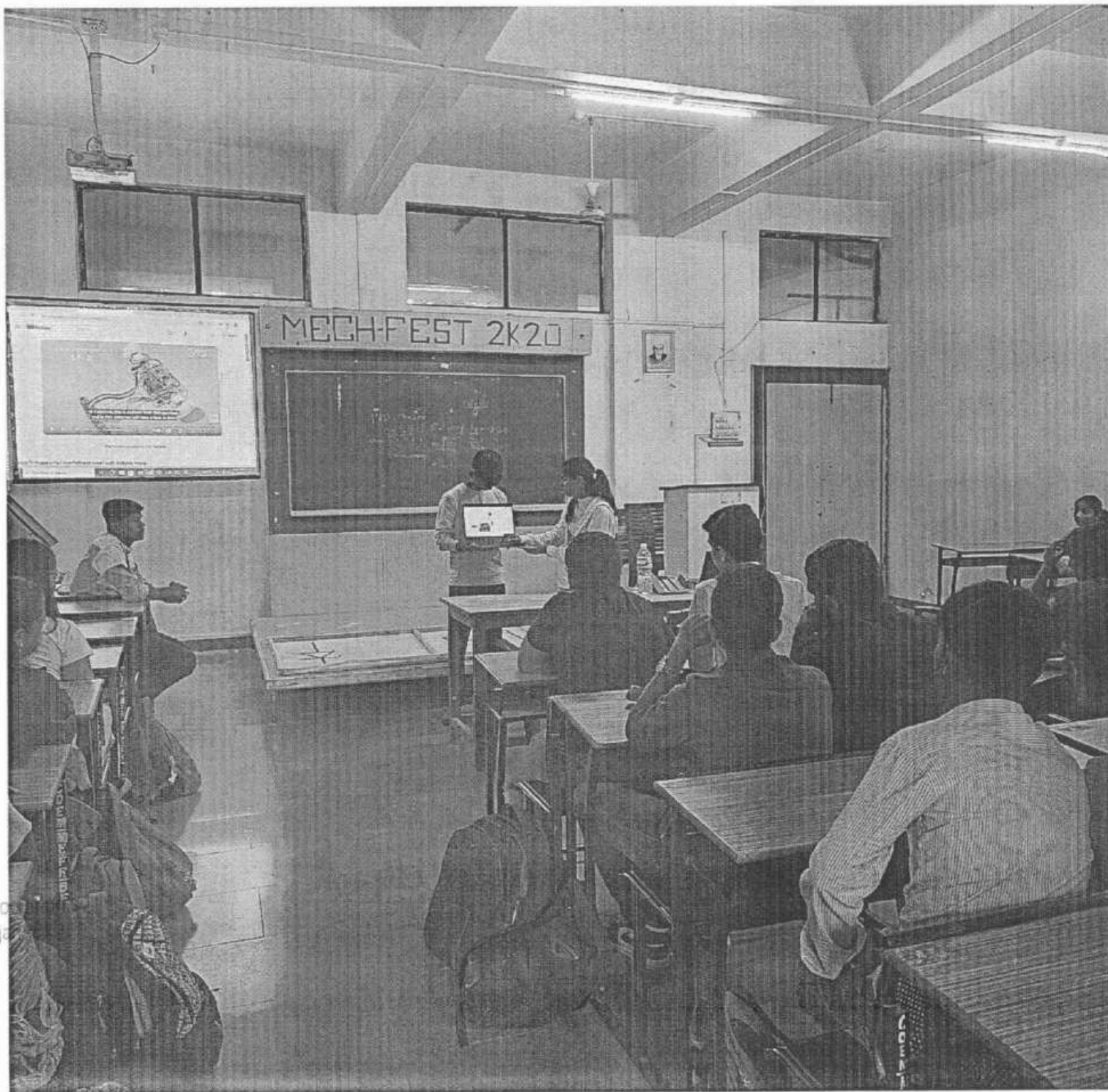
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Pune Maharashtra भारत





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Competition  
**WINNER**



Competition  
**WINNER**

Per World Records Competition - 2000/2001  
SIXTY THOUSAND

Principal  
Association's  
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COEM TPO A. A. JADHAV <coemtpcell@gmail.com>

\*\*\*\*\* Congratulations and Welcome On-boarding \*\*\*\*\* | Centum Foundation |  
Capgemini Cohort- She ARISE 2.0 | PDEA, Manjari Pune Centre

4 messages

Ravita Parwani <a\_Ravita.Parwani@centumlearning.com>

Thu, Oct 26, 2023 at 6:13 PM

To: "aditishinde290@gmail.com" <aditishinde290@gmail.com>, "tambeakanksha184@gmail.com" <tambeakanksha184@gmail.com>, "akankshanelwade@gmail.com" <akankshanelwade@gmail.com>, "akshatarahulkhamitkar@gmail.com" <akshatarahulkhamitkar@gmail.com>, "anjaliwakade1@gmail.com" <anjaliwakade1@gmail.com>, "bhagyashrischame02@gmail.com" <bhagyashrischame02@gmail.com>, "khadkechaitali0706@gmail.com" <khadkechaitali0706@gmail.com>, "dikshatambe296@gmail.com" <dikshatambe296@gmail.com>, "divyacadak1388@gmail.com" <divyacadak1388@gmail.com>, "dkulkarni1602@gmail.com" <dkulkarni1602@gmail.com>, "gunddnyaneshwari099@gmail.com" <gunddnyaneshwari099@gmail.com>, "gayatrihampe2703@gmail.com" <gayatrihampe2703@gmail.com>, "gayatrikhot912@gmail.com" <gayatrikhot912@gmail.com>, "geetikapednekar3002@gmail.com" <geetikapednekar3002@gmail.com>, "gitamule123@gmail.com" <gitamule123@gmail.com>, "patilhemangi809@gmail.com" <patilhemangi809@gmail.com>, "jayadhakane01@gmail.com" <jayadhakane01@gmail.com>, "jueeshelke36@gmail.com" <jueeshelke36@gmail.com>, "jyotishinde1739@gmail.com" <jyotishinde1739@gmail.com>, "chavankomal491@gmail.com" <chavankomal491@gmail.com>, "kshitiijagurav002@gmail.com" <kshitiijagurav002@gmail.com>, "kalemani2001@gmail.com" <kalemani2001@gmail.com>, "pooja.m0705@gmail.com" <pooja.m0705@gmail.com>, "poojaanarase1@gmail.com" <poojaanarase1@gmail.com>, "poojagaikwad0338@gmail.com" <poojagaikwad0338@gmail.com>, "prachitkshirsagar55@gmail.com" <prachitkshirsagar55@gmail.com>, "pradnyaaviusha@gmail.com" <pradnyaaviusha@gmail.com>, "pranaleekadale1234@gmail.com" <pranaleekadale1234@gmail.com>, "pranjalshewale202@gmail.com" <pranjalshewale202@gmail.com>, "pranjalbarse2003@gmail.com" <pranjalbarse2003@gmail.com>, "priyankakhuspe09@gmail.com" <priyankakhuspe09@gmail.com>, "pshinde02001@gmail.com" <pshinde02001@gmail.com>, "rahlilshaikh8399@gmail.com" <rahlilshaikh8399@gmail.com>, "ravinatelgote98@gmail.com" <ravinatelgote98@gmail.com>, "rutujab469@gmail.com" <rutujab469@gmail.com>, "rutuc48@gmail.com" <rutuc48@gmail.com>, "sakshi0304vacche@gmail.com" <sakshi0304vacche@gmail.com>, "sakshinighot0@gmail.com" <sakshinighot0@gmail.com>, "manesakshi999@gmail.com" <manesakshi999@gmail.com>, "s99sable@gmail.com" <s99sable@gmail.com>, "sanapatel152003@gmail.com" <sanapatel152003@gmail.com>, "shraddhawalunje@gmail.com" <shraddhawalunje@gmail.com>, "shravaniwandhekar01@gmail.com" <shravaniwandhekar01@gmail.com>, "shrutidhanure00@gmail.com" <shrutidhanure00@gmail.com>, "shubhadad.28@gmail.com" <shubhadad.28@gmail.com>, "shwetauti2003@gmail.com" <shwetauti2003@gmail.com>, "snehaljatap8055@gmail.com" <snehaljatap8055@gmail.com>, "swaranjalimule270@gmail.com" <swaranjalimule270@gmail.com>, "tanuja682001@gmail.com" <tanuja682001@gmail.com>, "tulsilohare123@gmail.com" <tulsilohare123@gmail.com>, "vaishnavi2253@gmail.com" <vaishnavi2253@gmail.com>, "jagadalevaishnavi06@gmail.com" <jagadalevaishnavi06@gmail.com>, "vidyakumbhar4245@gmail.com" <vidyakumbhar4245@gmail.com>, "sayalimusale2012@gmail.com" <sayalimusale2012@gmail.com>, "dhanashrijagtap2307@gmail.com" <dhanashrijagtap2307@gmail.com>, "bhavikaholkar15@gmail.com" <bhavikaholkar15@gmail.com>, "gaparna405@gmail.com" <gaparna405@gmail.com>, "mayuripalve2608@gmail.com" <mayuripalve2608@gmail.com>, "sakshimalave2303@gmail.com" <sakshimalave2303@gmail.com>, "rajnandinishinde24@gmail.com" <rajnandinishinde24@gmail.com>  
Cc: "coemtpcell@gmail.com" <coemtpcell@gmail.com>

Dear She ARISE 2.0 Aspirant

  
Principal  
Pune District Education Association's  
College of Engineering, Manjari (Bk.),  
Datta - 411017

We are thrilled to extend a warm welcome to you as a valuable beneficiary of our Corporate Social Responsibility (CSR) Training Project (She ARISE 2.0)! On behalf of Centum Foundation, we congratulate you on joining this meaningful initiative that aims to create a positive impact on society and the environment.

The She ARISE 2.0 Project is an exciting opportunity for you to develop your Technical and Professional skills, enhance your understanding of career responsibility, and contribute towards building a sustainable future. Throughout this journey, you will be equipped with the knowledge and tools to make a difference and become a catalyst for change.

Over the course of the training, you will have the chance to collaborate with a diverse and passionate team, all of whom share a common goal: to create a better world for everyone. Your participation and unique perspectives will

ubtably enrich our collective effort.

**Key details about the CSR Training Project:**

**Date of Commencement:** TBD

**Date of Training completion:** TBD

**Duration:** 500 Hours

**Location:** Physical training location would be PDEA, Manjari

**Training Agenda:** Full Stack development Training in Java

We encourage you to bring your enthusiasm, creativity, and dedication to every session. Your active involvement will contribute significantly to the success of this project.

In addition to the training, you can look forward to engaging in hands-on activities, workshops, and collaborative projects. These experiences will not only deepen your understanding of CSR but also empower you to apply your skills in practical, real-world situations.

As we embark on this journey together, we assure you that your growth and development are among our top priorities. We are committed to providing a supportive and inclusive learning environment where you can thrive both personally and professionally.

If you have any questions or need any assistance, please do not hesitate to reach out to the HR team or your assigned mentor. We are here to support you and ensure that your time with us is productive and enjoyable.

Once again, welcome to the She ARISE 2.0 Project! Let us make a positive impact together and contribute to a brighter future for all.

**Document submission Guidelines for accepting this offer**

**Due Timelines: Monday, 30 October 2023**

Submit attested soft copies of in one zip folder on this link:

1. 10th Marksheet and certificate
2. 12th Marksheet and certificate
3. Diploma Marksheet and diploma
4. Semester wise Marksheet and provisional degree
5. Updated Resume
6. Any government ID (Other than Aadhar number)
7. Disclaimer signed copy
8. your passport size photograph

case of Master degree, submit the final copy of Marksheet and degree  
10. Duly signed Acceptance of on-boarding document attached with this email.

**Ravita Parwani**

Group Manager, Centum Foundation

M: +91 8377858563 | M: +91 7428494900

W: [www.centumfoundation.in](http://www.centumfoundation.in)

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FOUNDATION

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On board document-She ARISE 2.0 project-From CF\_PDEA.pdf  
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**Rahil Shaikh** <[rahilshaikh8399@gmail.com](mailto:rahilshaikh8399@gmail.com)>  
To: [coemtpcell@gmail.com](mailto:coemtpcell@gmail.com)

Fri, Oct 27, 2023 at 1:45 PM

[Quoted text hidden]

10 attachments

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**PUNE DISTRICT EDUCATION ASSOCIATION'S  
COLLEGE OF ENGINEERING**

**Manjari (BK), Pune - 412307 (Maharashtra) India**

**\*\*NAAC Accredited\*\***

**Approved by AICTE, New Delhi No. 740-89-316 E/ET/98**

**(Year of Establishment - 1998) Affiliated to Savitribai**

**Phule Pune University, Pune**



**Training & Placement Department  
Notice - Center Of Excellence of SAP**

## **NOTICE**

**Date : 11/10/2023**

**Dear Students,**

Greetings from PDEA'S COEM, Pune. All students of SE, TE, BE - SAP Batch are instructed to pay keen attention to following notice and attend accordingly. These timings as per mentioned batch are instructed to follow.

**Batches conduction Timing :**

- 1) B1 batch- 10:00 AM to 12:45 PM**
- 2) B2 batch - 1:15 PM to 4:00 PM**

**Few points to note -**

- 1) Attendance is Mandatory.**
- 2) Your Absence will remove you from that batch**
- 3) Academics and SAP batch Attendance both are mandatory in your training week.**
- 4) Batch starting - 1) For TE : from 9th Oct 2023 to 14th Oct 2023.**  
**2) For BE : from 9th Oct 2023 to 14th Oct 2023.**  
**3) For SE : from 9th Oct 2023 to 14th Oct 2023.**
- 5) Attend in your given batch time slot.**
- 6) As workshop and LMS Onboarding will be done in the first 2 days, do not remain absent for the sessions.**
- 7) SE batchwise list will be declared soon.**

**Regards,**

**Training & Placement Officer**

**Prof. Anuradha A. Jadhav**

**Training & Placement Officer**

**Pune District Education Association's  
College of Engineering, Manjari (BK.),  
Pune - 412 307**



**Principal**

**Pune District Education Association's  
College of Engineering, Manjari (BK.),  
Pune - 412307.**

## Invitation to IBM SkillsBuild-AICTE Winter Workshops - PDEA

1 message

Wed, Nov 22, 2023 at 10:14 AM

Akshay Harkare <akshay@edunetfoundation.org>  
To: "COEM TPO A. A. JADHAV" <coemtpcell@gmail.com>  
Cc: Vishakha Mittal <vishakha@edunetfoundation.org>, Khyati Chugh <khyati@edunetfoundation.org>

Dear Anuradha Ma'am,

We extend our warm greetings to you on behalf of the Edunet Foundation. We are delighted to welcome your students to join an IBM SkillsBuild-AICTE Initiative aimed at empowering students with valuable skills and knowledge.

We are pleased to formally invite your students to participate in our weekly virtual workshops on **Generative AI, Cyber Security, and Job Readiness**. This program is designed to provide students with a comprehensive understanding of these crucial areas, enhancing their academic and professional development.

Commencing on the 28th of November, the program offers students a unique opportunity to acquire new skills and build a strong foundation in their respective fields of interest. The workshops on our select topics will be repeated weekly for students till 28th December.

To ensure seamless communication and updates, we kindly request your students to join the dedicated Telegram group created for this purpose.

**Key Highlights of the Program:**

- 🔗 **Generative AI Workshop** - 🔗 **Explore the World of Generative AI**: Uncover the exciting applications of Generative AI in real-world scenarios.
- 📚 **Boost Job Readiness**: Equip students with essential skills sought by employers in the dynamic job market.
- 🔒 **Cyber Security Insights**: Be Internet-Savvy: Learn essential practices for staying safe online and navigating the digital world securely.
- 🏆 **Certificates from IBM SkillsBuild & AICTE**: Showcase Achievements: Earn certificates from IBM SkillsBuild & AICTE, providing valuable recognition within the industry.

**Details of the Internship Program:**

- 📅 **Date**: Commencing from 28th November 2023
- 🕒 **Time**: 5:00 PM to 7:30 PM
- 📅 **Day**: Tuesday, Wednesday, and Thursday

**Student Community -  
Mandatory for Certificate  
Issuance**

Telegram Group Link:

<https://t.me/HISQwVLOnG9IZml1>**Student Zoom Webinar Link  
with Registration**Register in advance for this  
webinar:[https://zoom.us/webinar/  
register/WN\\_CoK3\\_  
ZnJT7pyNotiM5Eaw](https://zoom.us/webinar/register/WN_CoK3_ZnJT7pyNotiM5Eaw)**Please find the attached 'Poster' to be shared with students.**

We anticipate the active participation of your students in this program and believe it will contribute significantly to the enrichment of your students' learning experiences.

Thanks &amp; Regards,

Akshay Harkare  
9960489855 | akshay@edunetfoundation.org  
**National Manager - Business Development**  
Edunet Foundation

edunet

Fairway Business Park, 7th Floor, EGI,  
Domlur, Bangalore 560071, India.



  
Principal  
Pune District Education Association's  
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Pune - 411007

Skillsbuild - Winter Workshop poster-Final.pdf  
323K



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The certificate is awarded to

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**Basics of Linear Algebra using Python**

on February 4, 2024

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Pune - 411007



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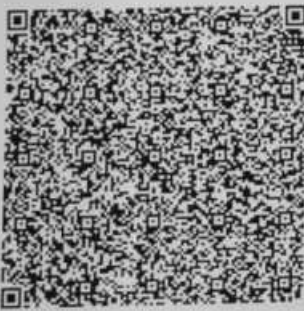
for successfully completing the course

**Computational Theory: Language Principle & Finite Automata Theory**

on August 1, 2024

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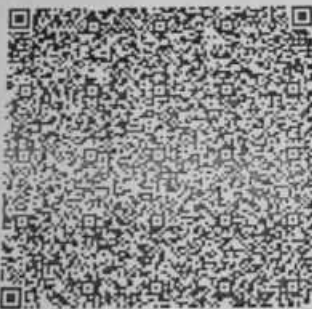
for successfully completing the course

**Computational Theory: Language Principle & Finite Automata Theory**

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**Computational Theory: Language Principle & Finite Automata Theory**

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**Rohit Gajbhiye**

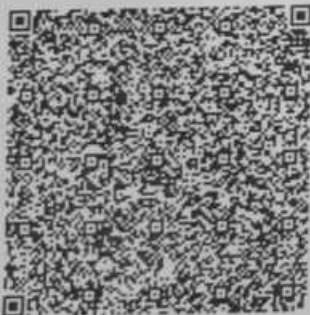
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The certificate is awarded to

**Sagar Wavhal**

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**Computational Theory: Language Principle & Finite Automata Theory**

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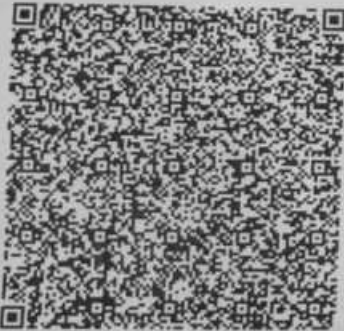
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**Shubham Kamble**

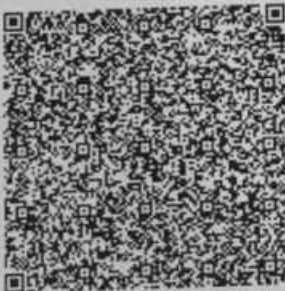
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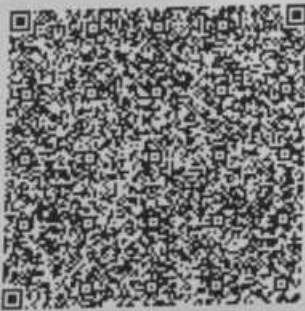
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**Computational Theory: Language Principle & Finite Automata Theory**


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## COURSE COMPLETION CERTIFICATE

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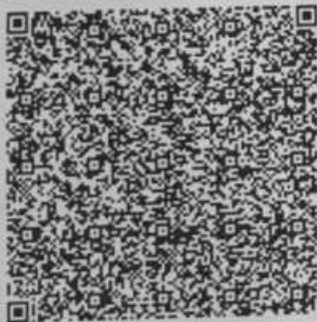
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**Computational Theory: Language Principle & Finite Automata Theory**

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Dist. - 411007





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The certificate is awarded to

**Pratiksha Jagannath Solat**

for successfully completing the course

**Computational Theory: Language Principle & Finite Automata Theory**

on July 23, 2024



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## COURSE COMPLETION CERTIFICATE

The certificate is awarded to

**Amruta Pawar**

for successfully completing the course

**Basics of Linear Algebra using Python**

on February 14, 2024

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**Prajwal Gulhane**

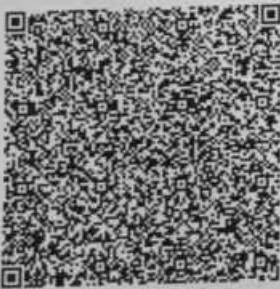
for successfully completing the course

**Web Development Concepts**

on February 5, 2024

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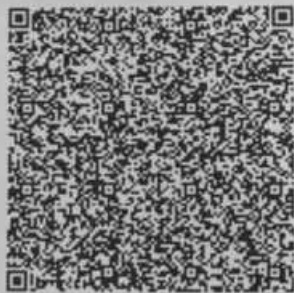
for successfully completing the course

**Programming in C**

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Pune - 412102

Type text here



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The certificate is awarded to

**Rakesh Dangi**

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**Data Structures and Algorithms using Java**

on February 9, 2024

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Pune - 412207



## ||||| COURSE COMPLETION CERTIFICATE |||||

The certificate is awarded to

**Yash Mahakal**

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**Defensive C++: Design by Contract & Features in C++**

on February 5, 2024

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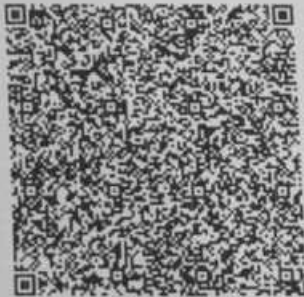
for successfully completing the course

**Basics of Linear Algebra using Python**

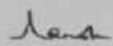
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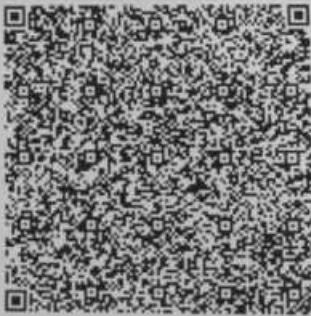
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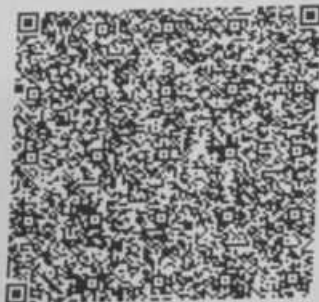
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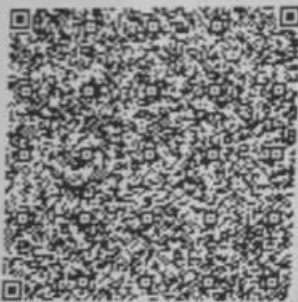
for successfully completing the course

**Data Structures and Algorithms using Java**

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**Data Structures and Algorithms using Java**


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**Defensive C++: Design by Contract & Features in C++**

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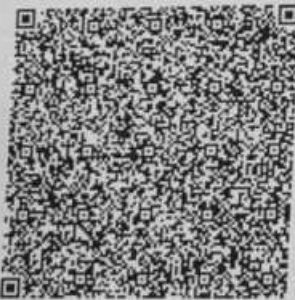
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The certificate is awarded to

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The certificate is awarded to

**Ghanshyam Kadam**

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**Networking and Web Technology**

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The certificate is awarded to

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for successfully completing the course

**Networking and Web Technology**

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Elite

# NPTEL Online Certification

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This certificate is awarded to  
**KESHAV MANOHAR UPALKAR**  
for successfully completing the course

**Data Science for Engineers**

with a consolidated score of **73** %

Online Assignments	25/25	Proctored Exam	47.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 2868

*Devendra Jalihal*

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

**Jan-Mar 2024**

**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



NPTEL24CS53S650702940

To verify the certificate



No. of credits recommended: 2 or 3

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Pune - 411 007



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANUKUL KIRAN PARDESHI**  
for successfully completing the course

**Data Science for Engineers**

with a consolidated score of **67** %

Online Assignments	25/25	Proctored Exam	41.71/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **2868**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Mar 2024**

**(8 week course)**

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL24CS53S650702649

To verify the certificate



No. of credits earned



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Principal  
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Pune - 411007

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Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**AKSHAY SATISH KALBHOR**  
for successfully completing the course

**Data Science for Engineers**

with a consolidated score of **61** %

Online Assignments	23.58/25	Proctored Exam	37.37/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2868**

*Devendra Jalihal*

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

**Jan-Mar 2024**

**(8 week course)**

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS53S650702617

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No. of credits recommended: 2 or 3

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Pune - 411007



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SIDDHI SACHIN DIWADKAR**  
for successfully completing the course

**Data Science for Engineers**

with a consolidated score of **51** %

Online Assignments	21.33/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2868**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Mar 2024**

**(8 week course)**

*Prof. Andrew Thangaraj*  
**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS53S550702178

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No. of credits recommended: 2 or 3

*Principal*

Principal  
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Pune - 412107



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**TEJAL SANJAY HINGE**

for successfully completing the course

**Data Science for Engineers**

with a consolidated score of **51** %

Online Assignments	21.29/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2868**

**Jan-Mar 2024**

(8 week course)

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



550702324

To verify the certificate



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Dr. Dattatraya Shinde

Dr. Dattatraya Shinde

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Date: 21/02/24



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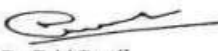



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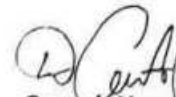
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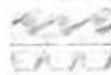
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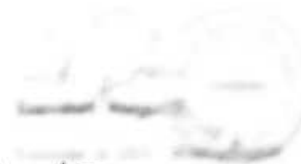
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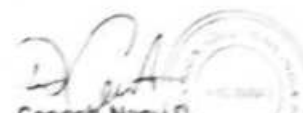
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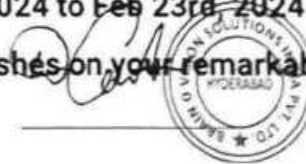
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