



Estd 2009

Shri Balasaheb Mane Shikshan Prasarak Mandal's **ASHOKRAO MANE GROUP OF INSTITUTIONS**

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)

Phone : (0230) 2407740, 2407760 **Fax :** (0230) 2407750 **Email :** director@amgoi.edu.in **Website :** www.amgoi.org

Approved by : AICTE, New Delhi No. F-No. MS (NewInt) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. **Affiliated to :** Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by NAAC

Founder President
Late Shri. Ashokrao Mane

Director
Dr. A. V. Deshmukh, M.E., Ph.D.

President
Hon. Shri. Vijaysinh A. Mane

Ref. No. :

Date :

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the Year

Sr.no	Name of the workshop/ seminar
1	Workshop on "Entrepreneurship and Business Opportunities in EV Sector"
2	Workshop on "Full-Stack Development"
3	Seminar on "The Importance of Internship Program"
4	One-week online workshop on "Electric Vehicles: Navigating Towards Decarbonization in Transportation Sector."
5	Workshop on "Women Empowerment by Entrepreneurship Development"
6	STTP on "Design of Experiment and Optimization" sponsored by Affiliated University (Dr. Babasaheb Ambedkar Technological University)
7	One week FDP on "Ancient and Computational Mathematics"
8	Workshop on "2D Building Drawing with AutoCAD 2020 Software"
9	Workshop on "IoT & its Applications in Civil Engineering"
10	One week FDP on "Arduino."
11	Seminar on "Advanced CAD Techniques Exploring AutoCAD and Eplan"
12	Workshop on "Research Methodology"
13	Workshop on "Virtual instruments (Labview) & Industry 4.0: Consultancy and Startup"
14	One week STTP on "Advanced Industrial Automation with PLC & IIOT."
15	One week FDP on "Internet of Things (IoT)"
16	One week FDP on "Empowering Educators with AI & ML."



IIC-IC202216260 Activity Report



Targeted activity: Celebration of “National Entrepreneurship Day”

Activity title: Entrepreneurship and Business Opportunities in EV Sector.

Activity type: Celebration and Entrepreneurship activity

Mode of conduction: Offline

Date: 21/08/2023

Time: 11.30 to 2.30 PM

Objective:

To present the journey of an entrepreneur and opportunities in EV sector

Resource person:

A) Prasad Mahajan

Proprietor: Mahajan EV Solutions, Aurangabad

Expert in EV chargers, retrofitting, and Charging infrastructure management.

B) Ms Pooja Shelake, Manager, Mahajan EV Solutions, Sales and Service department

Participants: Second- and third-year students of B. Tech. course; 102 nos., Faculty-5 nos.

Details of activity:

Director Dr. H.T. Jadhav and Academic Dean Prof. P.B. Ghevari felicitated the resource persons. Dr. H.V. Shete welcomed the speakers and briefed them about IIC. Prof. J.M. Shinde introduced the speakers to the students. Ms. Pooja Shelake presented the current situation and technology of EV charging in India. Prasad Mahajan presented his journey as a salesperson to the proprietor of the EV charger unit. He guided the funding agencies and motivated students for bright opportunities in the EV sector.

A one-hour question-and-answer session was held, during which students asked different questions and received solutions from resource persons. Prof. J.M. Shinde gave a vote of thanks.

Outcome:

Students learn about funding agencies, how to remove obstacles, and how to motivate themselves for business in the EV sector.

Publicity:

Wide publicity is given through Facebook, LinkedIn, staff status, and all students' WhatsApp groups.



Dr. H.V. Shete
President IIC, Dean R&D

Photos:







Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

Website: www.amgoi.org

Accredited by NAAC

Department Computer Science And Engineering



Date: - 15/09/2023

NOTICE

All B.Tech CSE, students are hereby informed that Department Computer Science and Engineering is going to organize One day workshop on Full stack development is scheduled on Dated 16/09/2023. So Attendance is compulsory

Mr.S. J. Vibhute

Event Coordinator

Prof. S. S. Redekar

HOD CSE

HOD

Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tarf vadgaon, Dist. Kolhapur



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)



Ref. No. :

Date: 15/09/2023

To,
Mr.Rajshekhar Patil
Managing Director of Softmusk Info Pvt Ltd,
Belgum.

Subject: Invitation letter for "Workshop on Full-Stack development".

Respected sir,

We, the Department of Computer Science & Engineering , Ashokrao Mane Group of Institutions, Vathar , Kolhapur are honored and pleased to invite you for "**Workshop on Full-Stack development**".

The workshop is scheduled on **Saturday, 16th September 2023**. It would be such a privilege to have your experience with us.

We hope that your presence and guidance will make this lecture wonderful.

Thanking You.

Yours Truly,
Prof. S. S. Redekar
HOD, CSE Dept.

HOD
Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Dist. Kolhapur



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
NH-4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112
E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org
Department of Computer Science and Engineering



Date: 16/09/2023

To ,

Mr. Rajshekar Patil
Managing Director Of Softmusk Info Pvt Ltd,
Belgum

Subject: - Letter of Appreciation

Dear Sir,

Thank you very much for delivering an informative & thought provoking Workshop on "Full-Stack development" held on 16th Sep, 2023 at Computer Science & Engineering Department in association with Institutions Innovation Council (IIC), Ashokrao Mane Group of Institutions, Vathar , Kolhapur

It was really a splendid presentation which exposed students to the field practices.

All the students appreciated and got benefited from your views on the subject.

Looking forward for your cooperation for the promotion of professional education in future as well.

Sincerely yours,

Prof. A. B. Desai
Event Coordinator

Prof. S. S. Redekar
HOD,CSE
HOD

Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Dist. Kolhapur



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org

Department of Computer Science And Engineering



Date: 16/09/2023

Full Stack Development

On the 16th Sept 2023 Department of CSE of Ashokrao Mane Group of Institutions (AMGOI) has organised One day Workshop on **Full Stack Development** for Final year B.Tech CSE students.

Industrial experts from **Softmusk Info Pvt Ltd, Belgaum, Karnataka** having 28 years of experience of working. The MD of Softmusk Mr. Raj Patil and Senior Developer **Mr. Amrut Sayankar** and his team conducted the workshop. During workshop they effectively introduced and taught logics of programming for computer programmers and motivated students for future career.

The feedback from students was overwhelmingly positive. Total **70** final year students attended today's workshop.

We are thankful to Hon. Director **Prof. Dr. H. T. Jadhav** sir, Dean Academics **Prof. P. B. Ghewari** sir and HoD **Prof. S. S. Redekar** sir for their support and guidance. We are also thankful to **Prof. P. S. Powar** sir, **Prof. Mrs. V. D. Desai** mam and **Prof. Mrs. S. R. Patil** mam for contributing in smooth conduction of workshop. Felicitation of resource persons done by CSE faculty members and Vote of thanks given by CSE department TPC **Prof. A. B. Desai**.

Prof. A.B. Desai
TPC Coordinator

Prof. S. S. Redekar
HOD, CSE Dept.

HOD

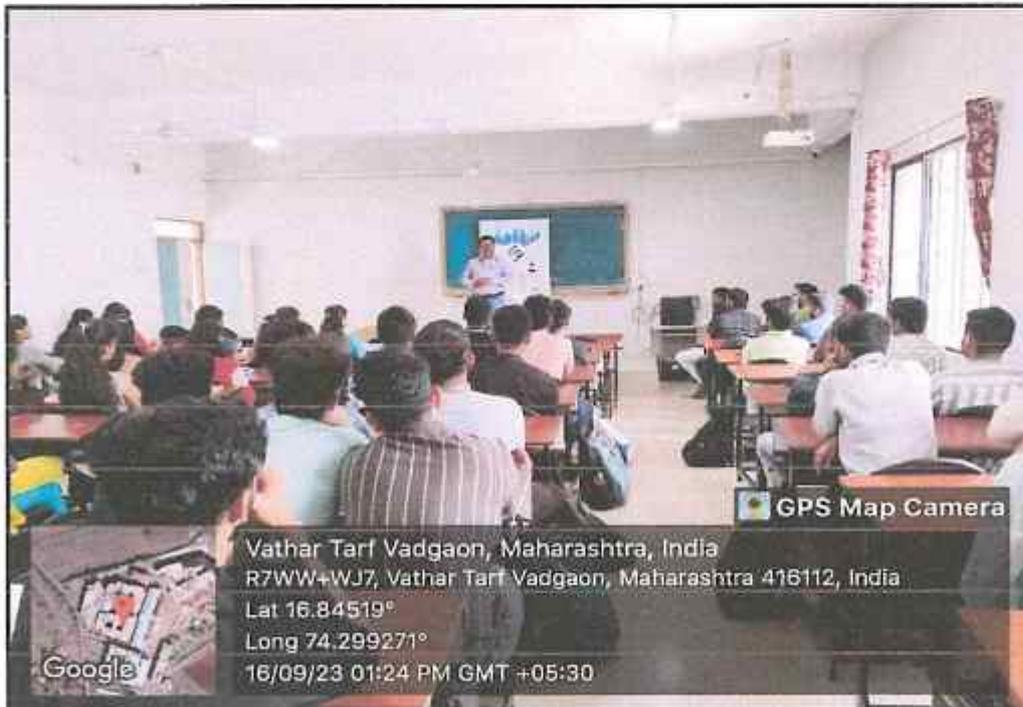
Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Dist. Kolhapur



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112
E-mail: hodese@amgoi.edu.in, Website: www.amgoi.org
Department of Computer Science And Engineering



Introduction of Guest (Softmusk Company)



Interactive session with students



ShriBalasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, VatharTarfVadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)



Computer Science and Engineering

ATTENDANCE SHEET A.Y. (2023-24)

Time: 11:30 AM	Date: 16/09/2023
Name of Program :- Workshop on Full stack Development	
Name Of Speaker :- Mr.Rajshekhar Patil	Name of Department : - Computer Science & Engineering
	Class- B.tech

S.N.	Name Of Student	Class	Morning Sign	Evening Sign
1.	Shruti. A. Tiwari	B.Tech	Shruti	Shruti
2.	Punam R. Patil	B.Tech	Patil	Patil
3.	Minakshi S. Patel	B.Tech	Patel	Patel
4.	Shrawani S. Kashid	B.Tech	sskashid	sskashid
5.	Amruta A. Mane	B.Tech	Mane	Mane
6.	Diyushya A. Patil-mulik	B.Tech	Diya	Diya
7.	Sanita Altaf Fakir	B.Tech	Fakir	Fakir
8.	Hareshada Ganjy Kumbhar	B.Tech	Kumbhar	Kumbhar
9.	Karina A. Bhatkar	B.Tech	Bhatkar	Bhatkar
10.	Pavniqa R. Kumbhar	B.Tech	Kumbhar	Kumbhar
11.	Hareshada S. Pawar	B.Tech	Pawar	Pawar
12.	Pranati Gaikewad	B.Tech	Gaikewad	Gaikewad
13.	samruddhi Patil	B.Tech	Patil	Patil
14.	Somnath Jagdale	B.Tech	S.N. Jagdale	S.N. Jagdale
15.	Ankita Anandisa Thorambar	B.Tech	ankita	ankita
16.	Safiya Iqbal Tamhankar	B.Tech	Tamhankar	Tamhankar
17.	Pranali Uday Pise	B.Tech	Pise	Pise
18.	Aalitra M. Chougale	B.Tech	Chougale	Chougale
19.	Amayulla A. Mullai	B.Tech	Mullai	Mullai
20.	Anirudha S. Tilakde	B.Tech	Tilakde	Tilakde
21.	Pushker R. Kumbhar	B.Tech	P.K. Kumbhar	P.K. Kumbhar



ShriBalasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH-4, VatharTarfVadgaon, Tal:-Hatkanangale, Dist:- Kolhapur-416112

E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)



Computer Science and Engineering

52.	Axadhut Nangare Partil	B-Tech	<i>Axadhut Nangare</i>	<i>Axadhut Nangare</i>
53.	Karan Rajendra Jay	B-Tech	<i>Karan Jay</i>	<i>Karan Jay</i>
54.	Prathmesh Sachinkurane	B-Tech	<i>Prathmesh Kurane</i>	<i>Prathmesh Kurane</i>
55.	Vipre Chaitankar Jambali	B-Tech	<i>Vipre Chaitankar</i>	<i>Vipre Chaitankar</i>
56.	Arunraop Dilip Mainwade	B-Tech	<i>Arunraop Mainwade</i>	<i>Arunraop Mainwade</i>
57.	Rohan R. Jadhav	B-Tech	<i>Rohan Jadhav</i>	<i>Rohan Jadhav</i>
58.	Ajinkya A. Patil	B-Tech	<i>Ajinkya Patil</i>	<i>Ajinkya Patil</i>
59.	Aniket Rajgopal Thoreat	B-Tech	<i>Aniket Thoreat</i>	<i>Aniket Thoreat</i>
60.	Akshay Kumbale	B-Tech	<i>Akshay Kumbale</i>	<i>Akshay Kumbale</i>
61.				
62.				
63.				
64.				
65.				
66.				
67.				
68.				
69.				
70.				
71.				
72.				
73.				

(Prof. A. B. Desai)
TPC-CSE

(Prof. S. S. Redekar)
HOD-CSE



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

Website: www.amgoi.org

Accredited by NAAC



Department Computer Science and Engineering

Thank you for attending three days offline Training "^{one} Full stack." from 16/12/24 to 16/12/28. We hope that you found the activity interesting and that we met your expectations. We would be very grateful if you could take a moment to complete the Feedback Form. Your comments will assist us in improving future activities that we will organize.

SCALE: 1- STRONGLY AGREE; 2- AGREE; 3- NEUTRAL; 4- DISAGREE; 5- STRONGLY DISAGREE

Please tick the appropriate number for all statements & provide feedback in the comments box

	(1)	(2)	(3)	(4)	(5)
Seminar/Workshop Design					
The objectives of the training were clearly defined	/				
The content of the training supported the objectives	/				
The trainer was knowledgeable about the training topics	/				
The topics were well organized and easy to follow	/				
How would you rate the focus and structure of the training course?	/				
Course Material					
Easy to follow and Navigate (e.g. Slides, Handouts etc)		/			
The course material was appropriate to background and experience of students		/			
Training Material was useful and easy to understand		/			
Content Relevance					
This training experience will be useful in the future	/				
Training will help to clear aptitude of software companies	/				
Instructional methods used during mentoring were effective	/				
Facilities					
The trainers created a professional and comfortable learning environment	/				
The trainers showed confidence in the subject matter	/				
The trainers handled classroom distractions appropriately	/				
Appropriate examples were provided during session	/				
Trainer handled questions that were asked during the session	/				
Comments:					
What topics would you have liked to have spent more time on?					
Interactive session on full stack is nice & understand.					
Do you have any suggestions for future Training Sessions that you would like us to organize?					
more courses and topics related to GATE point of view					
What new skills have you learnt from the event that you think you will be able to put into practice?					
—					
Any Other Suggestions:					
—					

Resource Person Evaluation				
	Average	Good	Very Good	Excellent
1.				
2. presentation		/		
3. PPT		/		
4.				

Thank you for participating, we appreciate your feedback!!!

Sobham Gaikwad Signature



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

Website: www.amgoi.org

Accredited by NAAC

Department Computer Science And Engineering



Date: - 05/10/2023

NOTICE

All TY, B.Tech CSE, students are hereby informed that Department Computer Science and Engineering is going to organize One day Seminar on Importance of Internship Program is scheduled on Dated 10/10/2023. So Attendance is compulsory

Mr. A. B. Desai

Event Coordinator

Prof. S. S. Redekar

HOD CSE

HOD
Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tarf vadgaon, Dist. Kolhapur



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

NH-4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112
E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org
Department of Computer Science and Engineering



Ref. No. :

Date: 5/10/2023

To,

Mr. Ranjit Pasale,
Mr. Tanvir Tamboli

Subject: Invitation letter for seminar on "Importance of Internship Program".

Respected sir,

We, the Department of Computer Science & Engineering in association with Institutions Innovation Council (IIC), Ashokrao Mane Group of Institutions, Vathar, Kolhapur are honored and pleased to invite you for seminar on "Importance of Internship Program".

The session is scheduled on Wednesday, 10th Oct. 2023. It would be such a privilege to have your experience with us.

We hope that your presence and guidance will make this Session wonderful.

Thanking You.

Yours Truly,

Prof. A. B. Desai
Event Coordinator

Prof. S. S. Redekar
HOD, CSE Dept

Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tarf vadgaon, Dist. Kolhapur



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112
E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org
Department of Computer Science and Engineering



Date: 10/10/2023

To,
Mr. Ranjit Pasale,
Mr. Tanvir Tamboli

Subject: - Letter of Appreciation

Dear Sir,

Thank you very much for delivering an informative & thought provoking Seminar on "Importance of Internship Program" held on 10th Oct, 2023 at Computer Science & Engineering Department in association with Institutions Innovation Council (IIC), Ashokrao Mane Group of Institutions, Vathar , Kolhapur

It was really a splendid presentation which exposed students to the field practices.

All the students appreciated and got benefited from your views on the subject.

Looking forward for your cooperation for the promotion of professional education in future as well.

Sincerely yours,

Prof. A. B. Desai
Event Coordinator

Prof. S. S. Redekar
HOD, CSE
HOD

Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tarf vadgaon, Dist. Kolhapur



Shri. Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

FACULTY OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NH - 4, Wathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur - 416112.

Phone: (0230) 2407740, 2407750, 2407760 Fax: (0230) 2407750



Date : 10/10/2023

Report of One day seminar on Importance of Internship Program

With the constant encouragement and guidance of our respected Director Dr. H. T. Jadhav sir & Dean Academics Prof. P. B. Ghewari sir as well as with the support of HOD, CSE Department Prof. S. S. Redekar sir we are able to conduct this one day seminar on "Importance of Internship Program" by Mr. Ranjit S. Pasale & Mr. Tanvir Tamboli. They both are Industry experts from NOITIVONNE IT Compony. The Seminar has been organized with collaboration with ACSES and speakers were industry experts having fine knowledge in IT industry & having their own IT Compony, he has given presentation and interacted with nearby 90+ students from Third Year and Last Year B. Tech students and motivated them towards Internship Program .

Resource Persons: Mr. Ranjit S. Pasale (7385566988)
Mr. Tanvir Tamboli

Course Description:

- **Target Audience:** TY, B. Tech Students
- **Course Period:** 1 Day (Friday, 10th Oct 2023)
- **Total Class Hours:** 2.00 hours. **Platform:** Offline @Seminar Hall

Report Prepared by: Prof. A. B. Desai
Coordinator

Verified By: Prof. S. S. Redekar
HOD, CSE Dept.
HOD

Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tart Vadgaon, Dist. Kolhapur



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)

Computer Science and Engineering

ATTENDANCE SHEET A.Y. (2023-24)

Attendance
class

Time: 10:30 AM	Date: 06/10/2023
Name of Program :- Workshop on Internship Program	
Name Of Speaker :- Mr. Ranjeet Pasale	Name of Department :- Computer Science & Engineering
Class- B.Tech	

S.N.	Name Of Student	Class	Sign
1.	Soham Shivaji Gaikwad.	B. Tech	
2.	Prathmesh Sahur Kurane	B. Tech	
3.	Utkarsh Khondur Karale.	B. Tech	
4.	Auskar Dnyanand Ganbawale	B. Tech	
5.	Omkar Ashok Kashid	B. Tech	
6.	Harshvardhan Anil Mangatekar	B. Tech	
7.	Snehankeet Sampal Shinde	B. Tech	
8.	Pushkar Rambh Kumbhar	B. Tech	
9.	Aniruddha Subhakar Tibode	B. Tech	
10.	Aditya M. Chougale	B. Tech	
11.	Prathamesh S. Patil.	B. Tech	
12.	Pratik M. Patil	B. Tech	
13.	Sunskar, M. Talsulkdar	B. Tech	
14.	Jayaram S. Patil	B. Tech	
15.	Shreyas M. Panchal	-11-	
16.	Rohan M. Khade	-11-	
17.	Tejas. V. Patil	-11-	
18.	TUSHAR. K. PAVALE	B. Tech	
19.	Yash. D. Chikattkar.	B. Tech	
20.	Mujaffar A. Pathan	B. Tech	
21.	Karan Rajendra Jorjey	B. Tech	
22.	Jaydeep Krishnat Kumbale	B. Tech	J.K.Kumbale
23.	Ashutosh Dilip Patil.	B. Tech	
24.	Patil Dhiraj Sarekar	B. Tech	
25.	Pranali V. Pise	B. Tech	
26.	Sofiya. I. Tamhankar	B. Tech	
27.	Karim A. Bhaldae.	B. Tech	
28.	Shruti A. Tiwari	B. Tech	
29.	Poornima R. Kamble	B. Tech	
30.	Angha G. Wani	B. Tech	
31.	Snehal. S. Magdum	B. Tech	
32.	Shruti R. Patil	B. Tech	
33.	Shrutika M. Patil.	B. Tech	
34.	Trupti Bharat Vadgave	B. Tech	
35.	Jyoti Ashok Khot	B. Tech	



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)

Computer Science and Engineering

36.	Akanksha Shital Baggale	B.tech	Akanksha
37.	Swaroop Dilip Manech	" "	Akanksha
38.	Kiran Dnyanesh Shinde	" "	Akanksha
39.		" "	
40.			
41.			
42.			
43.			
44.			
45.			
46.			
47.			
48.			
49.			
50.			
51.			
52.			
53.			
54.			
55.			
56.			
57.			
58.			
59.			
60.			
61.			
62.			
63.			
64.			
65.			
66.			
67.			
68.			
69.			
70.			
71.			
72.			
73.			
74.			
75.			
76.			



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

Website: www.amgoi.org

Accredited by NAAC



Department Computer Science and Engineering

Thank you for attending ^{one} ~~three~~ days offline Training "Intership Program" from 10/10/23 to 14/10/23. We hope that you found the activity interesting and that we met your expectations. We would be very grateful if you could take a moment to complete the Feedback Form. Your comments will assist us in improving future activities that we will organize.

SCALE: 1-STRONGLY AGREE 2-AGREE 3-NEUTRAL 4-DISAGREE 5-STRONGLY DISAGREE
Please tick the appropriate number for all statements & provide feedback in the comments box

	(1)	(2)	(3)	(4)	(5)
Seminar/Workshop Design					
The objectives of the training were clearly defined	✓				
The content of the training supported the objectives	✓				
The trainer was knowledgeable about the training topics		✓			
The topics were well organized and easy to follow		✓			
How would you rate the focus and structure of the training course?	✓				
Course Material					
Easy to follow and Navigate (e.g. Slides, Handouts etc)	✓				
The course material was appropriate to background and experience of students	✓				
Training Material was useful and easy to understand		✓			
Content Relevance					
This training experience will be useful in the future	✓				
Training will help to clear aptitude of software companies	✓				
Instructional methods used during mentoring were effective					
Facilities					
The trainers created a professional and comfortable learning environment		✓			
The trainers showed confidence in the subject matter		✓			
The trainers handled classroom distractions appropriately	✓				
Appropriate examples were provided during session	✓				
Trainer handled questions that were asked during the session		✓			
Comments					
What topics would you have liked to have spent more time on?	I learn new skills on Industry practical knowledge				
Do you have any suggestions for future Training Sessions that you would like us to organize?	I would like ^{spend} more time on Intership programs				
What new skills have you learnt from the event that you think you will be able to put into practice?	I learn on APTI session on Intership program				
Any Other Suggestions:	-				

Resource Person Evaluation				
	Average	Good	Very Good	Excellent
1.				
2. Teaching skill	✓			
3. Handson knowledge		✓		
4.				

Thank you for participating, we appreciate your feedback!!!

Signature

Smouddhi mane

Smone



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)

NAAC "A" Grade Accredited with CGPA 3.08 NBA Accredited Programs*



EESA AND ENERGY CLUB OF ELECTRICAL ENGINEERING DEPARTMENT

Organises

A One Week
Online Workshop on,
Electric Vehicle
Navigating Towards
Decarbonized
Transportation Sector



Ms. Ingita Tiwari

Ph. D. Scholar, & pradhanmantri
Research Fellow at, IIT Delhi.

 16th Oct to
21th Oct 2023

 03 : 00 PM to
04 : 30 PM

Platform :



Google Meet

Prof. Mrs. V. K. Thombare
Event coordinator

Prof. Mrs. S. H. Shete
HOD, Electrical Engineering
Department,

Prof. P. B. Ghevare
I/C Director

ASHOKRAO MANE GROUP

ENGINEERING PHARMACY BAMS MBA B.ED POLYTECHNIC ITI

www.amkolhapur.com

AMG

ASHOKRAO MANE GROUP





Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar TarVadgaon, Tal: Hatkanangle, Dist: Kolhapur – 41611



Activity Report 2023-24

1 Week Online Workshop on Electric Vehicles: Navigating Towards Decarbonization in Transportation Sector

- **Name of Activity:** -1 Week Online Workshop on Electric Vehicles: Navigating Towards Decarbonization in Transportation Sector
- **Objective:-** To educate and inspire attendees about the prospects and challenges in the field of electric vehicles and sustainable transportation
- **Date and Time of Activity:-** 16 Oct 2023 – 21 Oct 2023 , Time 3.00pm- 4.30 pm
- **Name of Resource Person:-** Ms. Ingita Tiwari , PMR Fellow & PhD scholar at Indian Institute of Technology Delhi
- **Participants:-** Electrical & Mechanical Engineering students and staff of AMGOI
- **Details of Activity:-**The one-week online workshop on electric vehicles, organized by EESA and the Energy Club at AMGOI, was a resounding success. The event, featuring Ms. Ingita Tiwari as the resource person, aimed to provide in-depth knowledge and insights into decarbonization in the transportation sector. 80+ Students from electrical and mechanical engineering students and staff have successfully completed this workshop.

• Daily Highlights:

Day 1:16th October 2023 (Monday)

The workshop commenced with a warm welcome by Prof. Mrs. V.K. Thombare, who also serves as the coordinator. She set the tone for the week's activities. Additionally, the HOD of Mechanical Engineering, Mr. M.A. Sutar, and the HOD of Electrical Engineering, Mrs. S.H. Shete, were present at the inaugural session to show their support.

The day's program included an introduction to decarbonization and an overview of the current Indian scenario, providing participants with a solid foundation for the days to come

Day 2: 17th October 2023 (Tuesday)

Ms. Ingita Tiwari delved into electric vehicle technology, explaining the principles and technologies that underpin the development and operation of electric vehicles.

Day 3: 18th October 2023 (Wednesday)





Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar TarfVadgaon, Tal: Hatkanangle, Dist: Kolhapur – 41611



Activity Report 2023-24

The focus shifted to batteries for electric vehicles. Attendees learned about the different types of batteries used in EVs and their significance in the transition to cleaner transportation.

Day 4: 19th October 2023 (Thursday)

Fuel-cell technology was the topic of the day, shedding light on an alternative power source for electric vehicles. Participants explored the potential of fuel cells in achieving sustainable mobility.

Day 5: 21th October 2023 (Saturday)

The penultimate day featured an application of fundamental concepts and an exploration of career opportunities and future trends in the electric vehicle industry. Attendees were informed about market leaders, job roles and responsibilities, research opportunities, and the future prospects in the field.

Valedictory (21st October 2023):

The workshop concluded with a heartfelt thanks given by Mrs. Shete, HOD of Electrical Engineering, expressing gratitude to Ms. Ingita Tiwari, I/C Director AMGOI, All the HODs, the coordinator, Teaching and non-teaching staff of Electrical Engineering Department and all participants for their active involvement and contribution.

• **Impact of Activity:-** Participants in the workshop gained a comprehensive understanding of electric vehicle technology, batteries, and fuel cells, aligning with PO1, PO6, PO7, PO12 and PSO 2.

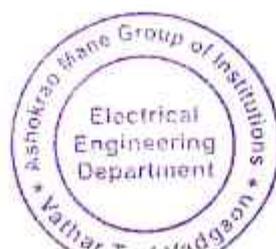
PO1. Engineering Knowledge: Participants gained a deep understanding of electric vehicle technology, batteries, and fuel cells, which will benefit their academic knowledge and future career prospects.

PO6. The Engineer and Society: The workshop provided insights into the role of engineers in addressing societal challenges such as decarbonization and sustainable transportation through electric vehicles.

PO7. Environment and Sustainability: The entire workshop was dedicated to environmental and sustainability aspects, with a focus on electric vehicles as eco-friendly transportation solutions.

PO12. Life-Long Learning: The workshop encouraged a commitment to lifelong learning by exposing participants to the latest trends and research opportunities in the electric vehicle industry.

PSO2 (Entrepreneurship): The workshop indirectly nurtured entrepreneurship skills by exposing participants to market leaders and job roles in the electric vehicle industry. This knowledge can inspire entrepreneurial endeavors related to electric vehicles and sustainability.





Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar TarfVadgaon, Tal: Hatkanangle, Dist: Kolhapur – 41611



Activity Report 2023-24

PSO2. Entrepreneurship: The workshop indirectly nurtured entrepreneurship skills by exposing participants to market leaders and job roles in the electric vehicle industry. This knowledge can inspire entrepreneurial endeavours related to electric vehicles and sustainability.

• Photos:

Day 1

Day 2

Day 3



Day 4

Day 5



• Valedictory



• **Organizer:-** EESA, Energy Club AMGOI

• **Name of Co-ordinator:-** Prof. Mrs. V.K.Thombare


Activity Co-ordinator



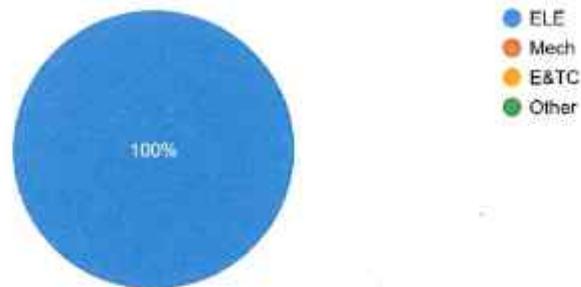

H.O.D.

Feedback : Online Workshop on Electric Vehicles: Navigating Towards Decarbonization in Transportation Sector

44 responses

Department

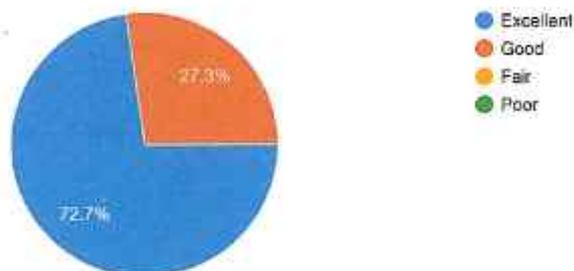
44 responses



Feedback Questions

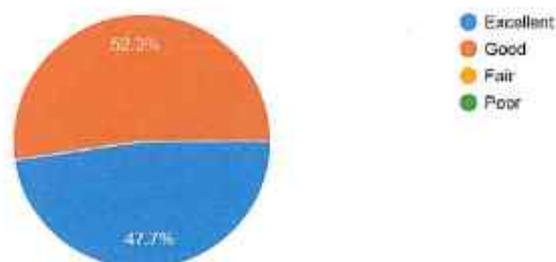
How would you rate the workshop overall?

44 responses



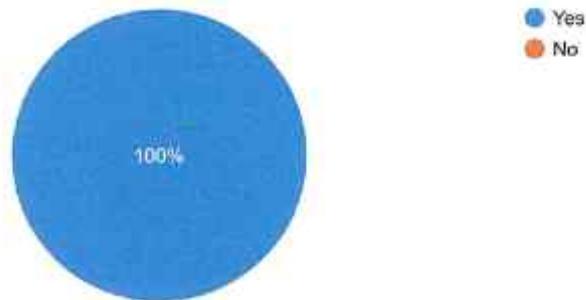
How would you rate the Content and Content Delivery?

44 responses



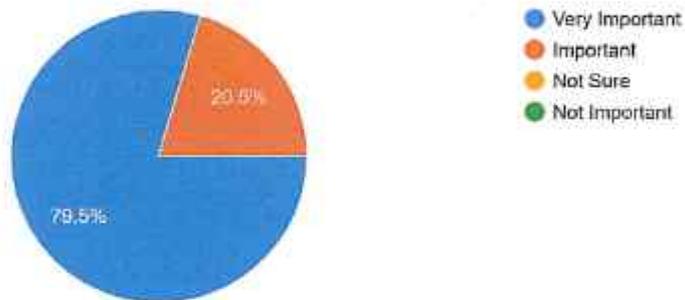
Did the workshop help you understand the importance of lifelong learning?

44 responses



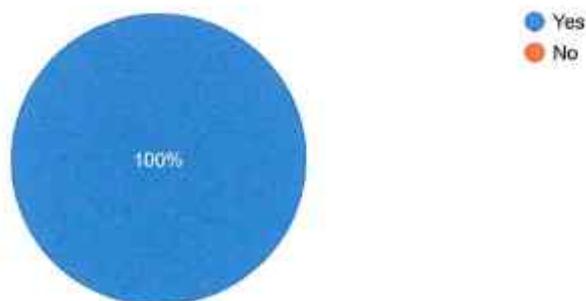
Do you think electric vehicles are important for the environment?

44 responses



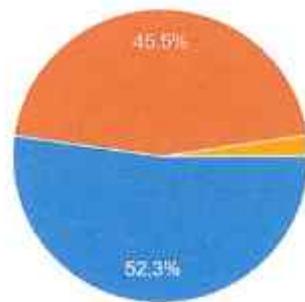
Did the workshop make you more aware of your impact on the environment through transportation choices?

44 responses



Did the workshop promote collaboration and teamwork among the participants?

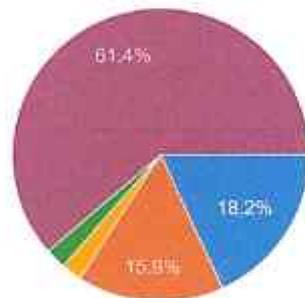
44 responses



- Strongly Agree
- Agree
- Neutral
- Disagree

What aspect of the workshop interested you the most?

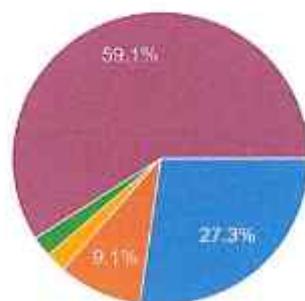
44 responses



- New Technology
- Environmental Benefits
- Sustainable Business
- Real-life Examples
- All of the Above

What aspect of the workshop interested you the most?

44 responses

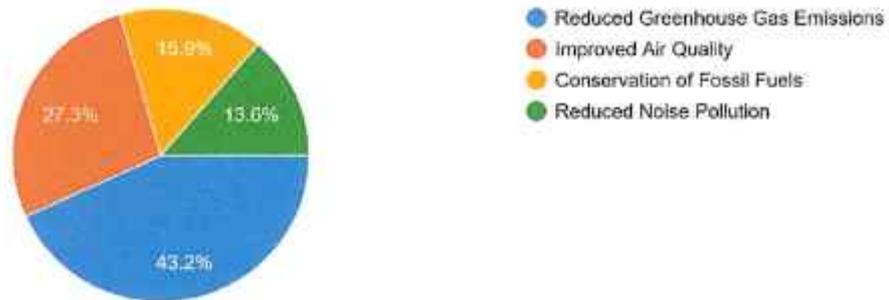


- New Technology
- Environmental Benefits
- Sustainable Business
- Real-life Examples
- All of the Above



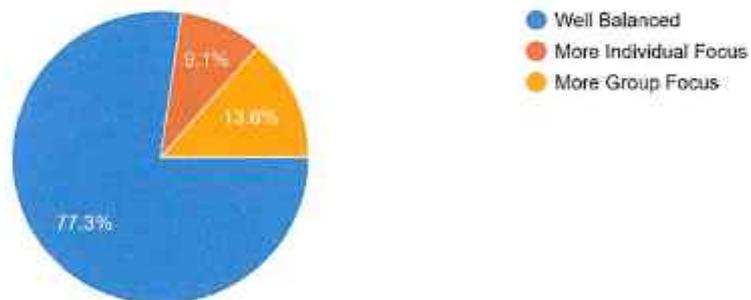
What's the main environmental benefit of electric vehicles, in your opinion?

44 responses



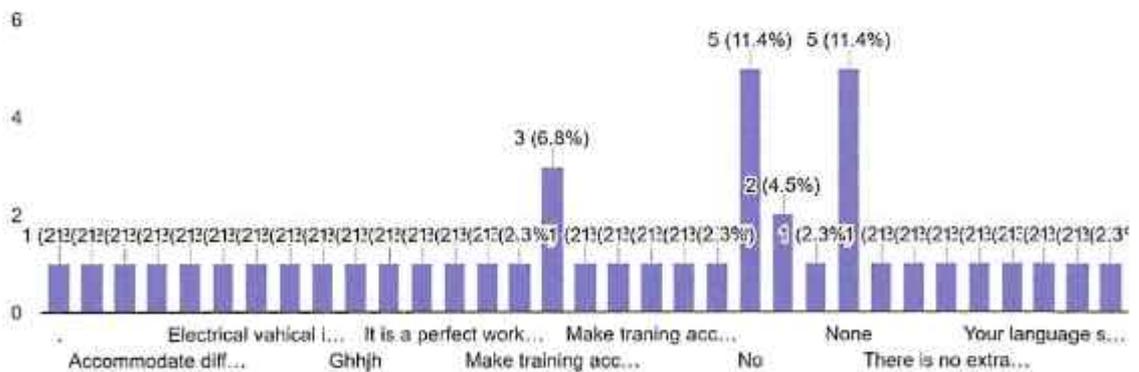
How well did the workshop balance individual learning opportunities with group activities that emphasized teamwork and collaboration?

44 responses

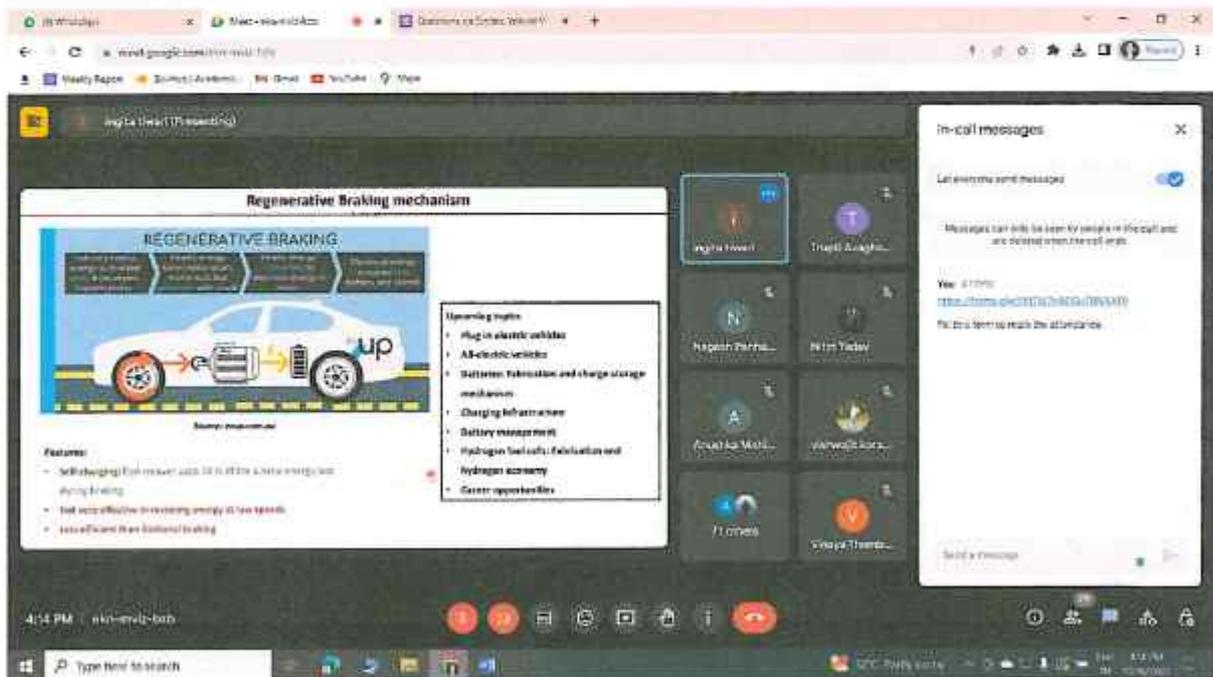
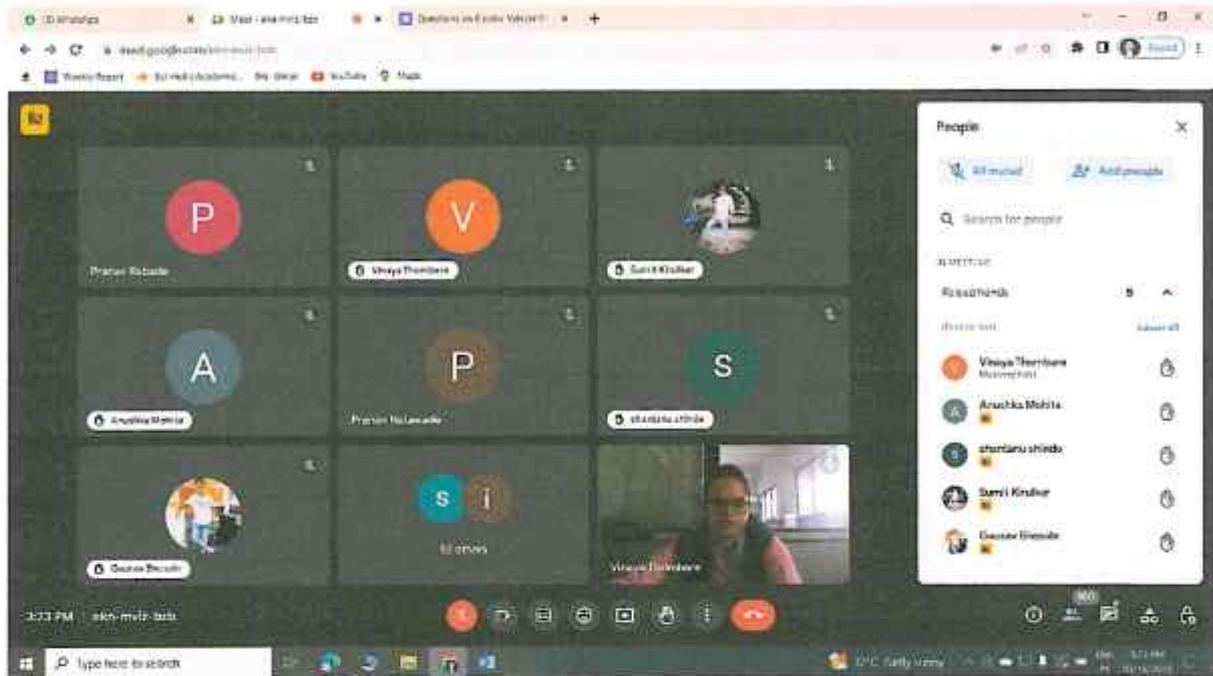


What suggestions do you have for improving future workshops?

44 responses



Day 1



Day 2

Types of Plug-in Hybrid Electric Vehicles (PHEV)

The slide illustrates three configurations of PHEVs:

- Series HEV:** The internal combustion engine (ICE) is connected to a generator that charges a battery pack. The battery pack is connected to an electric motor that drives the wheels.
- Parallel HEV:** Both the ICE and the electric motor are connected to a common shaft that drives the wheels.
- Series-Parallel HEV:** The ICE is connected to a generator that can either charge the battery pack or drive a motor that is connected to the wheels.

The meeting interface shows a 'People' list with the following members:

- Vinay Thakare (Host)
- 13 shradha patil
- 13 Prerna Patil
- 27 Rutuja Sawadekar
- Ashwini Shinde
- Aditya Patil
- Aditya Patil

Types of Plug-in Hybrid Electric Vehicles (PHEV)

The slide illustrates three configurations of PHEVs:

- Series HEV:** The internal combustion engine (ICE) is connected to a generator that charges a battery pack. The battery pack is connected to an electric motor that drives the wheels.
- Parallel HEV:** Both the ICE and the electric motor are connected to a common shaft that drives the wheels.
- Series-Parallel HEV:** The ICE is connected to a generator that can either charge the battery pack or drive a motor that is connected to the wheels.

The meeting interface shows a 'People' list with the following members:

- Vinay Thakare (Host)
- 13 shradha patil
- 13 Prerna Patil
- 42 Rutuja Sawadekar
- Ashwini Shinde
- Aditya Patil
- Aditya Patil

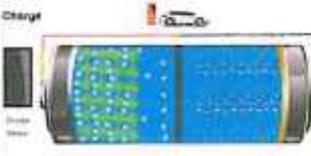


Day 3

Zoom Meeting (Presenting)

Lithium-ion batteries

Charge



Advantages

- Highest energy densities of 300 watt-hours per kilogram (Wh/kg) compared to 75 Wh/kg for Lead acid
- Li-ion cells can deliver up to 3.6 volts, 1.5-3 times the voltage of alternatives
- Safety mechanisms to limit voltage and internal pressure, which can increase weight and limit performance
- Hundred times less energy dense than gasoline, which contains 12,700 Wh/kg by mass

Li-ion batteries: Very high voltage and charge storage per unit mass and unit volume due to lithium's small atomic weight and radius (third only to hydrogen and helium)

Cathode

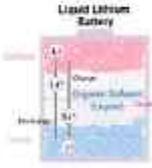
- Lithium cobalt oxide (Portable electronics)
- Lithium manganese oxide (Hybrid electric vehicles)
- Lithium iron phosphate

3:46 PM | ash/mvz-bcb

Zoom Meeting (Presenting)

All solid-state batteries

Liquid Lithium Battery



All-Solid-State Lithium Battery







Advantages of All-Solid-State Batteries:

- High Energy Capacity
- Low Self-Discharge
- No Explosive Issues
- Compact Structure
- No Risk of Leaking
- High Safety & Reliability
- Charge with the Same Speed

3:53 PM | ash/mvz-bcb



Day 5

Meeting ID: 921 74 0916 8049

Hydrogen production

CO₂ HYDROGEN

SYNTHESIS GAS HYDROGEN

BLUE HYDROGEN

HYDROGEN CO₂

GREEN HYDROGEN

HYDROGEN CO₂

ELECTROLYSIS OF WATER

ELECTROLYSIS OF WATER

Steam-methane reforming reaction
 $CH_4 + H_2O (+ \text{heat}) \rightarrow CO + 3H_2$
Water-gas shift reaction
 $CO + H_2O \rightarrow CO_2 + H_2$ (+ small amount of heat)

Catalytic process with efficiency of 50-60%

10:17 AM | eknimr2-60p

Meeting ID: 921 74 0916 8049

Hydrogen storage

Hydrogen storage

10:23 AM | eknimr2-60p

Compressed tanks

High pressure cylinder

Liquefied hydrogen tanks

Low temperature

10:23 AM | eknimr2-60p



Meeting ID: 9876 5432 1098

Career Opportunities

EV Manufacturing:

- Roles for professionals in EV manufacturing, including roles like EV assembly line workers, technicians, production supervisors, and quality control specialists.
- Roles involve the production, assembly, and testing of electric vehicles and their components, such as batteries, motors, and power electronics.

Research Areas:

- Electric vehicle engine design
- Battery design and fabrication
- Material development
- Fuel cell fabrication
- Electrochemistry fundamentals
- Battery management systems

EV Charging Infrastructure:

- Designing, installing, operating, and maintaining EV charging stations.
- Roles such as EV charging station technicians, site planners, network operators, and system administrators with expertise in areas such as electrical engineering, network management, and renewable energy integration.

EV Design and Development:

- EV engineers, designers, and product development specialists who oversee the development of cutting-edge technologies to enhance performance, range, and safety.
- Roles require expertise in areas such as mechanical engineering, electrical engineering, and computer-aided design (CAD) software.

Battery Technology:

- Experts in areas such as electrochemistry, materials science, and battery management systems.
- Roles are responsible for developing and optimizing battery technologies that offer improved performance, increased range, and faster charging times for EVs.

10:49 AM | ekn-mvz-bab

Meeting ID: 9876 5432 1098

Companies Investing in Electric Vehicle Technology

TATA Motors Ltd.	Mahindra & Mahindra Ltd.	Hero Cycles Ltd.	Ola Electric	Utracore Automotive	Eonika Motors
Maruti Suzuki India Ltd.	Ather Energy	Ola Electric	Ola Electric	Ola Electric	Ola Electric
Mahindra & Mahindra Ltd.	Ather Energy	Ola Electric	Ola Electric	Ola Electric	Ola Electric
Hero Cycles Ltd.	Ola Electric	Ola Electric	Ola Electric	Ola Electric	Ola Electric
Ola Electric	Ola Electric	Ola Electric	Ola Electric	Ola Electric	Ola Electric
Utracore Automotive	Eonika Motors	Ola Electric	Ola Electric	Ola Electric	Ola Electric

10:46 AM | ekn-mvz-bab





Shri. Balasaheb Mane Shikshan Prasarak Mandal's

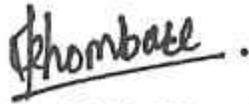
ASHOKRAO MANE GROUP OF INSTITUTIONS

Department of Electrical Engineering

Certificate of Achievement

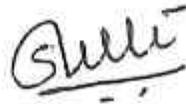
Proudly presented to

Has completed One Week Online Workshop on **"Electric Vehicle:
Navigating Towards Decarbonized Transportation Sector"** from 16th Oct. to
21st Oct. 2023 organized by EESA and Energy Club of Electrical Engineering
Department, AMGOI, Vathar.



Thombare

Prof. Mrs. V. K. Thombare
Event Coordinator



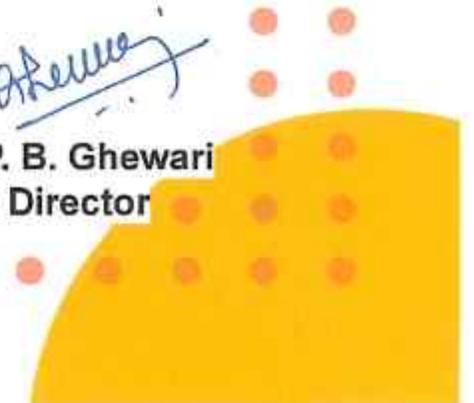
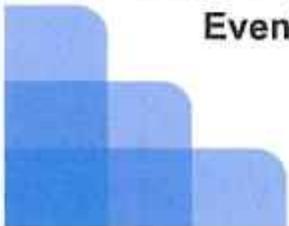
Shete

Prof. Mrs. S. H. Shete
HOD, Department of EE



Ghewari

Prof. P. B. Ghewari
I/C Director





R&D Cell; IIC-IC202216260
Activity Report



Targeted activity: Expert session on Entrepreneurship Skill, Attitude and Behaviour Development

Activity title: Women Empowerment by Entrepreneurship Development

Activity type: Calendar activity- Entrepreneurship

Mode of conduction: Offline, Organised by Faculty of Management Studies (MBA) under HR-Club

Date: 25/10/2023

Time: 11.30 to 1.30 PM

Objective:

To bring awareness among the students about entrepreneurship skills

Resource person:

Mrs .Manjula Deshmukh, MD and CEO- Ramkrishna Agros

Participants: MBA-I & MBA-II students -50 nos., Faculty-5 nos.

Details of activity:

Faculty of Management Studies (MBA) under HR-Club organized "Guest Lecture on "Women Empowerment by Entrepreneurship Devlopment" dated on 25th October 2023. Guest Speaker was Mrs. .Manjula Deshmukh, MD and CEO- Ramkrishna Agros.

MBA-I & MBA-II students were present for the same. The Guest Lecture was aimed to bring about awareness among the students and boost women Entrepreneurship. Introduction of Guest was given by Prof.T.P.Sawant, Felicitation of guest and objective of lecture was given by Dr.S.S.Sutar and Vote of Thanks was given by Prof.S.V.Gharage.

Outcome:

Students understand the skills required for successful entrepreneur.

Publicity:

Wide publicity is given through Facebook, LinkedIn, status of staff and all students' whatsapp groups.



Dr. H.V. Shete
President IIC, Dean R&D

Photos:

 श्री आशोकराव मने ग्रुप ऑफ इन्स्टिट्यूट्स
ASHOKRAO MANE GROUP OF INSTITUTIONS
www.amgkolhapur.com, www.amggroupofinstitutions.com, Kolhapur - 415 002 

Faculty of Management Studies (MBA)
Organise
Guest Lecture
on
'Women Empowerment'

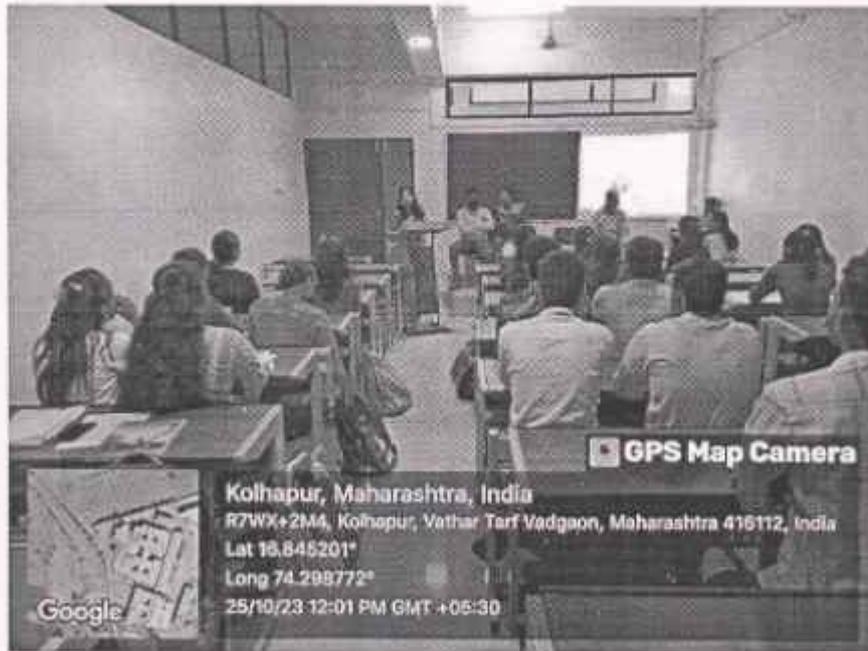
Date: 25/10/2023 | Time: 11.00 am
Venue: MBA - 1 Classroom


Guest Speaker
Mrs. Manjula Deshmukh
MD & CEO
Ram-Krishna Agro's


Prof. T. P. Sawant
Coordinator
HR Alchemist
www.amgkolhapur.com

Dr. S. S. Sutar
I/C Director
MBA
www.amgol.org

ASHOKRAO MANE GROUP 
ENGINEERING, MANAGEMENT, ARTS, HR & ITC INSTITUTIONS





R&D Cell; IIC-IC202216260
Activity Report



Activity title: Short Term Training Program on Design of Experiments and Optimization (Leading to robust design of product/process & Improvement of performance) - Sanctioned by DBATU Lonere.

Activity type: R&D Cell activity, Self Driven activity

Mode of conduction: Offline

Date: 1 Week; 11 Dec. 2023– 16 Dec. 2023

Time: 10 am to 5.00 PM

Venue: Mechanical CAD Lab

Resource Peson:

1. Mr. Aniruddha Khadakkar, Consultant Statistician, Email
2. Prof. (Dr.) Shete Hanmant Virbhadra, Professor, Dean R&D, President Institution's Innovation Council (IIC), Incubation Center Head, Ashokrao Mane Group of Institutions, Vathar,
3. Dr. Sunil J Raykar, Professor , DYPCOE Kolhapur

Objective:

To learn the product/process design, analysis and improvement tools & techniques

Participants:

48 faculties (In-house faculty: 19; M.Tech. students and faculty from other institutes: 29)

Details of activity:

Inauguration function was conducted in seminar hall on 11/12/2023.

Mr. Aniruddha Khadakkar (Day 1 to Day 5) taught-

Day 1: Introduction, Basic Statistics, Types of data, Probability Distributions, Testing of Hypothesis, ANOVA,

Day 2: Regression, Introduction to Minitab, Design of Experiments -Response Surface Experiments, Factorial Designs,

Day 3: Fractional Designs, Plackett-Burman Designs, Hands on session on RSM design and analysis

Day 4: Multiple Response Optimization, Hands on session on Multiple Response Optimization

Day 5: Taguchi Designs of Experiments, Hands on session on Taguchi design and analysis. Dr. H.V.Shete delivered afternoon session on application of Taguchi and RSM in research paper

Day 6: Dr. Sunil J Raykar delivered sessions on Grey Relation Analysis (GRA)-Introduction, Hands on session on GRA

This STTP was coordinated by Dean R&D Dr. H.V.Shete & Head of the Electrical department Prof. S. H. Shete. Thanks to Prof. P. B. Ghewari (I/c Director, AMGOI) for their valuable support & guidance.

Special thanks to Dr. Sachin Pore, Dean R&D, DBATU Lonere for approving and sanctioning of this STTP.

Outcome:

Faculty and M.Tech. students understood and received hands on training of tools and techniques for product/process design, analysis and improvement. This will improve the quality of UG, PG, and research project work.



H.V. Shete
18/11/23

Dr. H.V.Shete
Dean R&D, President IIC



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

Website: www.amgoi.org



NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)

R&D Cell

Date: 28/11/2023

STTP on Design of Experiments and Optimization

(Sponsored by DBATU R&D Cell)

11 /12/2023 to 16/12/2023

Program Committees

Sr. No.	Name of Committee	Name of coordinators	Dept.	Signature
1	Registration & Feedback	D.G.Patil, H.M.Bhosale	Civil	
2	Publicity & Certificate	S.A.Gaikwad, /V.A.Powar	Electrical	
3	Session Conduction	S.S.Petkar, G.R.Gaikwad	Mechanical	
4	Inauguration & Valedictory	Dr. C.R.Dongarsane Dr. S.V.Vanmore	E&TC	
5	Refreshment & Lunch	S.V.Mohite /Dr.P.P.Demanna, /S.L.Rathod	MBA GS&H GS&H	
6	Resource person stay & Correspondence	S.J.Vibhute, /P.P.Nagade Nagarale.	CSE	

Dr. H.V.Shete, /Prof. S.H.Shete

Coordinator

Prof. P.B.Ghewari

I/C Director

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's			
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR			
FACULTY OF ENGINEERING			
STTP on "Design of Experiments & Optimization"			
List of Registered Participants			
Sr.No	Name of faculty	Name of the Institute	Mobile No.
1	Mr. S.S.Petkar	AMGOI , MECHANICAL	7507299159
2	Mr. G.R.Gaikwad	AMGOI , MECHANICAL	9922577884
3	Mr. Atulkumar.G.sanadi	AMGOI , MECHANICAL	9766102577
4	Mr. Abhishek A.Patil	AMGOI,CSE	8806694499
5	Mrs.Diksha A.Jadhav	AMGOI,CSE	7020757662
6	Pradnya Nagurale	AMGOI,CSE	9960974671
7	Chetna Shinde	AMGOI,CSE	9421147845
8	Mrs.S.V.Sagavkar	AMGOI,E&TC	9011091886
9	Dr.C.R.Dogarsane	AMGOI,E&TC	9881563153
10	Dr.S.V.Vanmore	AMGOI,E&TC	8308708439
11	Mr.R.S.Patil	AMGOI,E&TC	9049718724
12	Mr.D.S.Patil	AMGOI, Electrical	7620315631
13	Mr.V.K.Thombare	AMGOI, Electrical	9404406775
14	Mrs. S.A.Shankardas	AMGOI, Electrical	7757898784
15	Mr. R.A.Pasale	AMGOI,GS&H	9823131203
16	Mr.P.P.Hirave	AMGOI,GS&H	7066442849
17	Mrs. A. T. Tare	AMGOI,GS&H	9309313296
18	Mr.J.A.Patil	AMGOI, Civil	9421675566
19	Mr.Sangram Dopare	AMGOI, Civil	8390578875
20	Mr.J.M.Shinde	AMGOI, Civil	9287908405
21	Rohan Mahavir Desai	AMGOI	9890180983
22	Mr.D.B.Mahadeshwar	Ashokrao Mane Polytechnic, Wathar	9766871969
23	Er. Pradeep Ranchandra Sabale	Dr. D. Y. Patil Agriculture & Technical University, Talsande	8766595100
24	Mr. Sandip Maruti Patil	Dr. D. Y. Patil Agriculture & Technical University, Talsande	7588065171

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar Tarf, Vadgaon, Dist.- Kolhapur,
Maharashtra, India. 416112

Short Term Training Program on **DESIGN OF EXPERIMENTS AND OPTIMIZATION**

11th Dec. 2023– 16th Dec. 2023

REGISTRATION FORM

Name:

Designation:

Institution:

Contact Number:

E-mail Id:

Signature of the Applicant

Sign of HOD/ Head of the Institution
With seal

CHIEF PATRONS

Hon. Shri. Vijaysinh A. Mane
President, Shri. Balasaheb Mane Shikshan
Prasarak Mandal, Ambap

Hon. Shri. Vikasrao A. Mane
Executive President, Shri. Balasaheb Mane
Shikshan Prasarak Mandal, Ambap

INCHARGE DIRECTOR

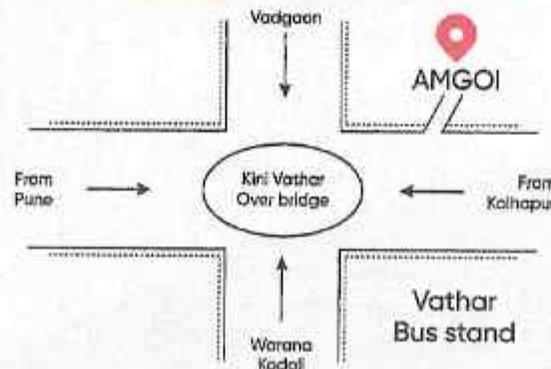
Prof. P. B. Ghewari
Ashokrao Mane Group of Institutions,
Vathar Tarf Vadgaon

COORDINATOR

Prof. Dr. H. V. Shete
Dean R&D,
Mechanical Engineering Department

Prof. Mrs. S. H. Shete
Head,
Electrical Engineering Department

ROUTE MAP



Short Term Training Program on **DESIGN OF EXPERIMENTS AND OPTIMIZATION**

11th Dec. 2023– 16th Dec. 2023

Sponsored by



**DBATU,
Lonere**

Organized by



**Research &
Development Cell**

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar Tarf, Vadgaon, Dist.- Kolhapur, Maharashtra, India. 416112

Phone : (0230) 2407740, 2407750, 2407760

Website : www.amgoi.org

Accredited NAAC – 'A' GRADE, NBA Accredited Programs –
(Mechanical, Electrical & Civil Engg)

Organized by



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS
Faculty of Engineering and Management Studies

Vathar Tarf Vadgaon, Tal: Hatkanangle, Dist: Kolhapur, Maharashtra State, India: 416112

Phone: (0230) 2407740, 2407750, 2407760, FAX: (0230) 2407750. www.amgoi.org

NAAC Accredited "A" Grade, NBA accredited programs (Mechanical, Electrical and Civil Engineering)

Short Term Training Program (STTP)

on

"Design of Experiments and Optimization"

11th Dec. 2023- 16th Dec. 2023

Sponsored by



To,
The Principal/ Director,

Subject: Invitation for STTP from 11th Dec. 2023- 16th Dec. 2023, sponsored by,
Dr. Babasaheb Ambedkar Technological University, Lonere.

Dear Sir/ Madam,

It gives us an immense pleasure to inform you that Shri Balasaheb Mane Shikshan Prasarak Mandal Ambap's, Ashokrao Mane Group of Institutions (AMGOI) is organizing a Short Term Training Program (STTP) on, "Design of Experiments and Optimization" sponsored by, Dr. Babasaheb Ambedkar Technological University, Lonere.

This STTP provides coverage of Basic Statistics, ANOVA, Taguchi Designs of Experiments, introduction to Minitab, Hands on session on RSM design and analysis, Grey Relation Analysis (GRA) etc. The course contents will be taught by eminent experts from industry and faculties from reputed institutions. This course will be beneficial to the faculty from all engineering disciplines, researchers and PG students who are passionate about research

We request you to give this STTP a wide publicity by circulating its brochure and encouraging faculty to participate in the program. We are waiting for the positive replay.

More details of STTP are available at our website

<http://www.amgoi.org>

STTP Date: 11th Dec. 2023- 16th Dec. 2023

Thanking You.

Yours Sincerely,

Prof. (Dr.) H. V. Shete
STTP Coordinator,
Professor and Head,
Mech. Engg. Dept.

CONTACT FOR REGISTRATION

1. Prof. S. A. Gaikwad
Email: sag@amgoi.edu.in
Mobile: 8669101090

2. Prof. V.Y. Powar
Email: pvv@amgoi.edu.in
Mobile: 7387332444

Prof. P. B. Ghewari
I/C Director,
AMGOI, Vathar

CHIEF PATRONS

Hon. Shri. Vijaysinh A. Mane
President,
Shri Balasaheb Mane Shikshan
Prasarak Mandal, Ambap

Hon. Shri. Vikasrao A. Mane
Executive President,
Shri Balasaheb Mane Shikshan
Prasarak Mandal, Ambap

INCHARGE DIRECTOR

Prof. P. B. Ghewari
Ashokrao Mane Group of Institutions,
Vathar tarf Vadgaon

STTP COORDINATOR

Prof. (Dr.) H. V. Shete
Dean R&D,
Mechanical Engineering Department

Prof. Mrs. S. H. Shete

Head,
Electrical Engineering Department

Organizing Committee

1. Prof. D. G. Patil
2. Prof. H. M. Bhosale
3. Prof. S. A. Gaikwad
4. Prof. V. Y. Powar
5. Prof. S. S. Petkar
6. Prof. G. R. Gaikwad
7. Dr. D. R. Dongarsane
8. Dr. S. V. Vanmore
9. Prof. S. V. Mohite
10. Prof. Dr. P. P. Demanna
11. Prof. S. L. Rathod
12. Prof. S. J. Vibhute
13. Prof. P. P. Nagrale



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)
NAAC "A" Grade Accredited with CGPA 3.08 NBA Accredited Programs*



CERTIFICATE OF PARTICIPATION

This is to certify that,

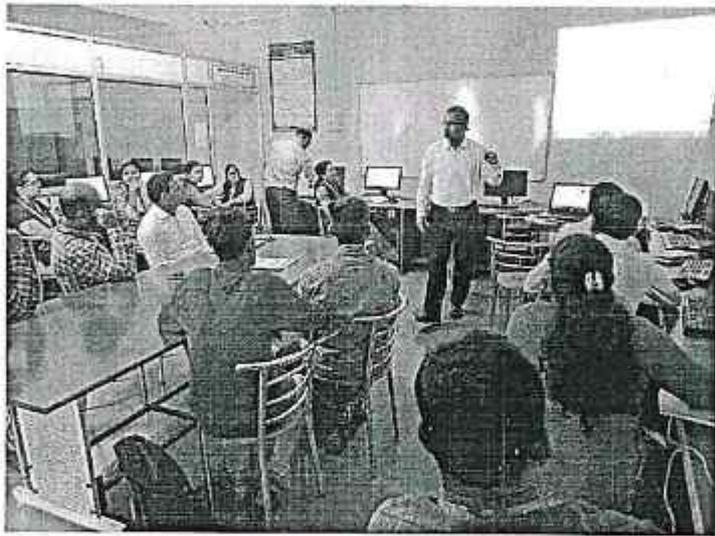
Mr. Mohsin Moula Nadaf

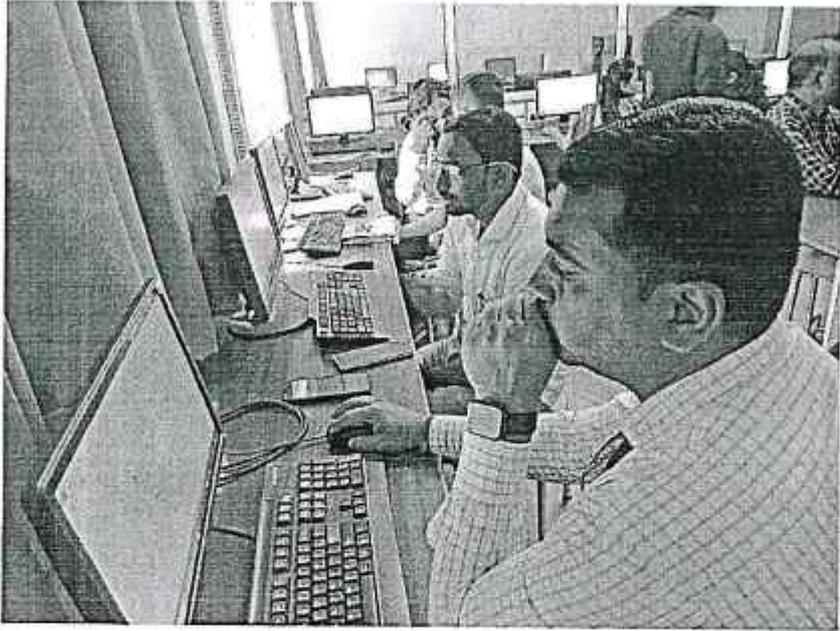
has participated in one week short term training program sponsored by
DBATU, Lonere on **“Design of Experiment & Optimization”**
from 11th Dec 2023 to 16th Dec 2023

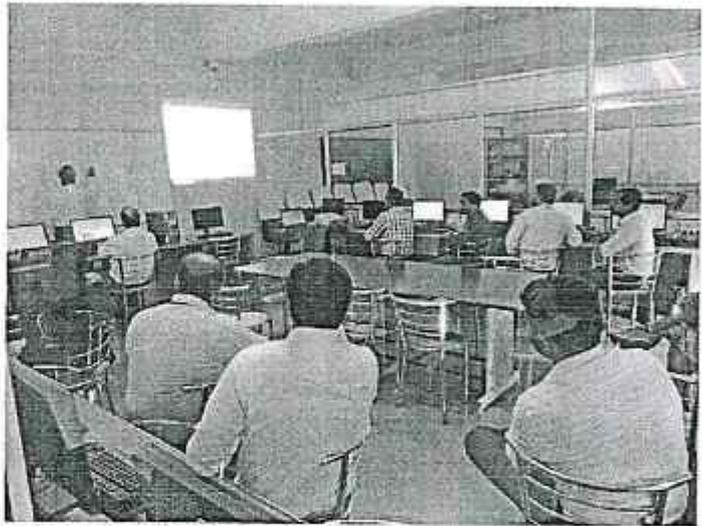
Dr. H. V. Shete
Dean, R & D

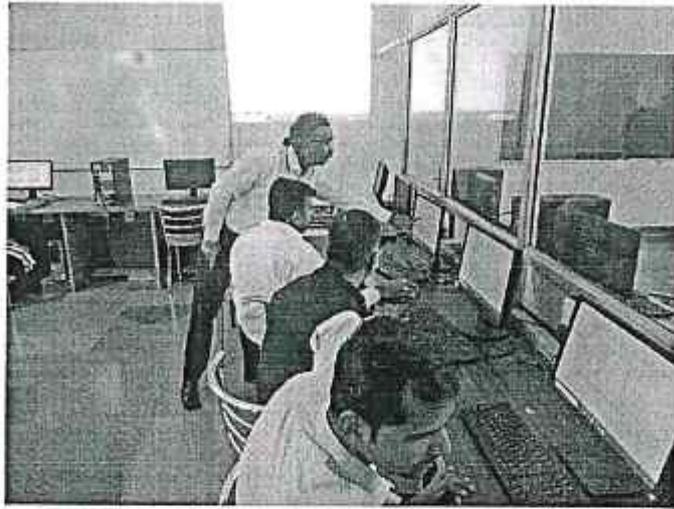
Prof. P. B. Ghewari
I/C Director

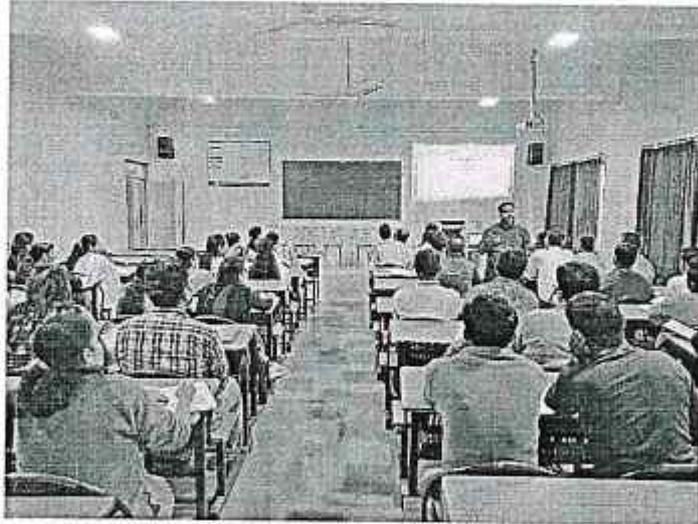
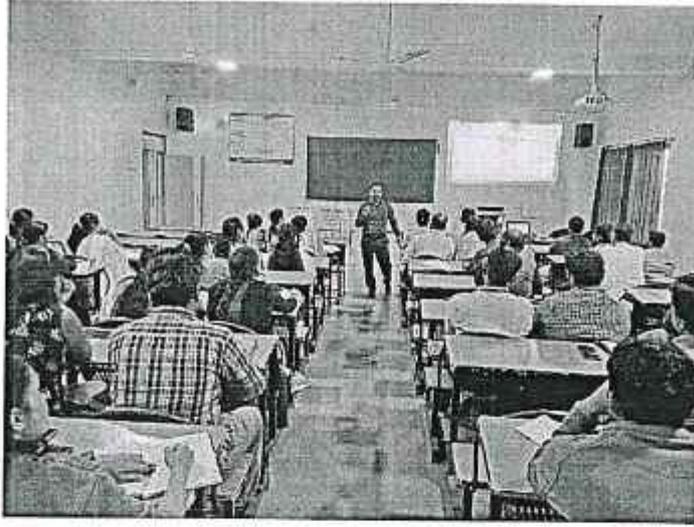














Estd 2009

Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)
 Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org

Approved by : AICTE, New Delhi No. F.No. MS (Newint) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by NAAC with 'A' Grade CGPA 3.08

Founder President
 Late Shri. Ashokrao Mane

Director
 Dr. A. V. Deshmukh, M.E., Ph.D.

President
 Hon. Shri. Vijaysinh A. Mane

Date : 15/2/2024

Ref. No. : AMGOI/ASH/198/2023-24

To,

The Principal,
 AMGOI, Vathar

Respected Sir/Madam,

Shri Balasaheb Mane Shikshan Prassarak Mandal's, Ashokrao Mane Group of Institutions (AMGOI) is started in 2009 to promote Technical Education and Management studies for rural communities. The Integrated Campus is situated beside the Pune – Bangaluru national highway, near Kolhapur, at Vathar Tarf Vadgaon, AMGOI is an institution which defines and continues to update methods of engineering. Within an intensely competitive environment, the college has adopted a dynamic, global, high-quality; creative and communicative approach in education, as well as research and development.

We are delighted to inform you that on **20th to 25th February, 2024**, the Department of Applied Science & Humanities, AMGOI, Vathar is organizing a one-day "**Faculty Development Program on Computational and Applied Mathematics.**" We request you to depute one or two faculties of mathematics from your institute to attend the session.

Kindly accept the invitation and make your faculty members present for the session.

Date of function: **20th to 25th February, 2024** Time: 10.00 am to 5.00 pm

Venue: Seminar Hall, AMGOI, Vathar.

Thanking You.

(Prof. P. B. Ghewari)
 VICE PRINCIPAL

SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL
 SHOKRAO MANE GROUP OF INSTITUTIONS
 Vathar Tarf Vadgaon, Tal. Hatkanangale
 Dist. Kolhapur - M.S. 416112



Shri Balasaheb Mane Shikshan Prasarak Mandal's 4108
ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)
Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org
Approved by : AICTE, New Delhi No. F-No. MS (Newint) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by NAAC with 'A' Grade CGPA 3.08

Founder President
Late Shri. Ashokrao Mane

Director
Dr. A. V. Deshmukh, M.E., Ph.D.

President
Hon. Shri. Vijaysinh A. Mane

Ref. No.: AMGOI/ASH/199/2023-24

Date: 15/2/2024

To

Dr. S. A. Katre

Former Head,

Department of Mathematics,

SPPU, Pune.

Sub: Invitation as a resource person for "Faculty Development program on Ancient and Computational Mathematics"

Dear Sir,

Greetings from Ashokrao Mane Group of Institutions, Vathar Tarf Vadgaon.

It is indeed a great pleasure for me to bring your kind notice that we are organizing a "Faculty Development Program on Ancient and Computational Mathematics," held on 20th to 25th February, 2024.

In this respect, I take this opportunity to invite you as a resource person for the faculty development program organized by the Department of Applied Sciences and Humanities of Ashokrao Mane Group of Institutions, Vathar Tarf Vadgaon, to be held on 20th to 25th February, 2024

I request that you kindly accept our invitation and give us an opportunity to listen to your scholarly expertise.

Thank you.


(Prof. P. B. Ghawari)
VICE PRINCIPAL
SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL
ASHOKRAO MANE GROUP OF INSTITUTIONS
Vathar Tarf Vadgaon, Tal. Hatkanangale
Dist. Kolhapur - M.S. 416112

4110



Estd 2009

Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Halkanengale, Dist. Kolhapur - 416 112 (Maharashtra)
 Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org

Approved by : AICTE, New Delhi No. F-No. MS (Newint) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by NAAC with 'A' Grade CGPA 3.08

Founder President
 Late Shri. Ashokrao Mane

Director
 Dr. A. V. Deshmukh, M.E., Ph.D.

President
 Hon. Shri. Vijaysinh A. Mane

Ref. No. : AMGOI/ASH/200/2023-24

Date : 15/2/2024

To

Prof. Dr. S. A. Katre

Former Head,

Department of Mathematics,

SPPU, Pune.

Dear Sir,

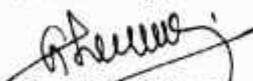
Greetings from Ashokrao Mane Group of Institutions, Vathar Tarf Vadgaon.

We take this opportunity to express our sense of gratitude, for delivering an expert lecture in Faculty Development Program entitled "**Ancient and Computational Mathematics**" organized by Department of Applied Science & Humanities on 20th to 25th February, 2024

Your views on the topic, at the event proved to be a vital impetus for us. Once again we thank you.

Thanking you,

Yours truly,


 (Prof. R. B. Ghodwari)

VICE PRINCIPAL,

SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S
 ASHOKRAO MANE GROUP OF INSTITUTIONS
 Vathar Tarf Vadgaon, Tal. Halkanengale
 Dist. Kolhapur - M.S. 416112

Ashokrao Mane Group of Institution Vathar Tarf Vadgaon

Faculty Development Program on Ancient and Computational Mathematics

20th to 25th February, 2024

Report

The Department of Applied Science and Humanities, AMGOI Vathar, conducted a Faculty Development Program on Ancient and Computational Mathematics on 20th to 25th February, 2024. 62 faculties participated in the program. The program started at 11 a.m. with a lamp-lighting ceremony. The Hon'ble Director, Dr. A. V. Deshmukh, felicitated the resource persons, Prof. Dr. S. A. Katre and Mr. Satish Ranade.

The objective of the program and theme were explained by Dr. A. V. Deshmukh, and Dr. J. M. Shinde, Dean of Student Affairs, has given information about our institute. Prof. Dr. S. A. Katre was introduced by Dr. P. R. Demanna, and Mr. Satish Ranade was introduced by Prof. A. T. Tare. There are three sessions. In the first two sessions, Dr. Katre explained ancient and computational mathematics, its applications to online banking systems, and cryptography. In the third session, Mr. Satish Ranade has explained about data science, the need for data science in today's world, and its applications to the business world. The vote of thanks was given by Prof. R. A. Pasale, Head, App. Sci. and Hum.

P. Ranade
Event Co-ordinator



[Signature]
HOD
Department Applied Sci. & Hum.
AMGOI, Vathar Tarf Vadgaon

Faculty Development Program on “**Ancient and Computational Mathematics**” organized by Department of Applied Science & Humanities on 20th to 25th February,2024





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

Date:-01/06/2024

CO-ORDINATOR REPORT

Student Training Program on (Add on Course)

“2D Building Drawing with AutoCAD 2020 Software”

- **Name of Trainer:** Mr. Rohit Katkar and Mr. Nilesh Shinde, Trainer, Poly-Edge Consultancy, Kolhapur
- **Name of the Co-ordinator:** Prof. S. A. Dopare

➤ Objectives of the program:

- 1) To give hands on training of software uses in planning and designing.
- 2) To create accurate and precise 2D and 3D drawings and designs that adhere to real-world dimensions and specifications.
- 3) To Streamline the design process by leveraging AutoCAD's tools for modeling, editing, and organizing elements to produce drafts quickly and efficiently.
- 4) To develop visual ability of students.

➤ About the program:

Computer-Aided Designing (CAD) with AutoCAD 2020 is a powerful software program used by engineers, architects, and designers to create detailed 2D and 3D drawings and models. It enables users to draft, annotate, and design with precision and efficiency, leveraging a wide range of tools for creating accurate layouts and visualizations. AutoCAD 2020 offers enhanced performance, cloud storage integration, and advanced features like enhanced 3D modelling, improved user interface, and automated workflows, making it ideal for design projects in various industries like architecture, engineering, manufacturing, and construction.

➤ Schedule the program:

- The program is of total **7 days (50 Hours)**.
- Start Date of program:- **22/03/2024**.
- End date of the program:- **31/05/2024**.





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

Date	Content the program	Resource Person
22/03/2024	Day 1: Introduction to AutoCAD and Professional Drawing Standards, Overview of AutoCAD interface and workspace, Setting up units, scales, and drawing limits, Understanding drawing standards for professional and municipal projects, Drawing basic shapes: Line, Circle, Arc, and Rectangle, Saving and organizing AutoCAD files (file management best practices).	Mr. Rohit Katkar
30/03/2024	Day 2: Drafting Tools and Precision in Professional Drawings, Drafting settings: Snap, Grid, Ortho, Polar tracking Using Object Snap (Osnap) and Object Snap Tracking, Modifying commands: Move, Copy, Rotate, Scale, Trim, Extend, Mirror, Creating precise geometries for professional use: Lines, arcs, and polylines, Using layers for different components of municipal and architectural drawings (walls, roads, utilities, etc.).	Mr. Nilesh Shinde
06/04/2024	Day 3: Layers, Object Properties, and Municipal Standards, Creating, managing, and organizing layers, Assigning line types, colors, and line weights to layers, Introduction to municipal drawing standards (symbols, hatching, scales), Creating boundary lines, road networks, and zoning areas for municipal layouts, Working with property boundaries, plot subdivisions, and right-of-way markings.	Mr. Nilesh Shinde





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org



Accredited by NAAC (Cycle I & II)

DEPARTMENT OF CIVIL ENGINEERING

20/04/2024	Day 4: Annotation, Dimensioning, and Site Plans, Adding text and annotations for professional and municipal drawings, Understanding dimensioning systems for buildings and site layouts, Linear, Aligned, Angular, and Radial dimensioning, Drafting site plans: Showing plot boundaries, roads, utilities, and building footprints, Adding details for zoning, landscape, and utility annotations in municipal drawings.	Mr. Nilesh Shinde & Mr. Rohit Katkar
04/05/2024	Day 5: Working with Blocks, Symbols, and Detailing, Creating and using blocks for standard objects (furniture, doors, windows, trees, road signs), Managing and organizing block libraries for professional use, Creating and inserting title blocks and symbols specific to municipal and architectural plans, Adding and modifying details (elevations, sections, infrastructure components like manholes, electrical boxes).	Mr. Nilesh Shinde & Mr. Rohit Katkar
18/05/2024	Day 6: Plotting, Layouts, and Municipal Plan Submission. Understanding model space vs. paper space, Creating viewports for municipal layouts and building plans, Setting up plot styles, sheet sizes, and plot scales according to standards, Preparing drawings for submission (plotting with appropriate scales, layouts, and title blocks), Plotting municipal site layouts and building permit drawings.	Mr. Nilesh Shinde & Mr. Rohit Katkar





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org



Accredited by NAAC (Cycle I & II)

DEPARTMENT OF CIVIL ENGINEERING

31/05/2024	Day 7: Advanced Professional Drawing Practices and Final Project, Introduction to topographic and contour maps in municipal planning, Incorporating elevation data, contour lines, and grading for professional site plans, Understanding digital submission standards (CAD file formats, PDFs, print settings), Q&A and troubleshooting common drawing issues, Workshop wrap-up: Final project review (municipal site plan and a professional architectural drawing).	Mr. Rohit Katkar
------------	---	------------------

➤ Inauguration Function:

The inaugural function is started at 10 a.m. as per schedule. The introductory speech was delivered by Dr. J. M. Shinde, head of civil department. The felicitation of dignitaries with bouquet is followed by introductory speech. Mr. Rohit Katkar, Mr. Riyaj Pendhari & Mr. Nilesh Shinde (Trainer of PolyEdge Consultancy) gave the introduction of Computer Aided Designing (CAD), AutoCAD 2020 software. Vote of thanks was delivered by Prof. S. A. Dopare.

➤ Participant Details:

Total 13 participants were attended the program. All participants from S.Y. & T.Y Civil

➤ Valedictory Function:

The Valedictory function is started at 10 a.m. as per schedule. The introductory speech was delivered by Dr. J. M. Shinde, head of civil department. The felicitation of dignitaries with books is followed by introductory speech. Best performer award AutoCAD 2020 was given to Ms. Bhakti Sanjay Yadav from S.Y. Civil. Distribution of certificates was done by auspicious hands of Dr. J. M. Shinde, head of civil department, Mr. Rohit Katkar (Trainer of PolyEdge Consultancy) & Mr. Riyaj Pendhari (CEO of PolyEdge Consultancy) Vote of thanks was delivered by Prof. S. A. Dopare.





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangle, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

Date: - 20/03/2024

PERMISSION LETTER

To,

Prof. P. B. Ghewari,
Vice Principal,
AMGOI, Vathar.

Subject: - Request for permission to conduct the student training program (Add on Course) on '2D Building Drawing with AutoCAD 2020 Software'

Respected Sir,

I am writing to seek your kind permission to organize the student training program (Add on Course) on '2D Building Drawing with AutoCAD 2020 Software' in the Department of Civil Engineering from Friday, 22/03/2024 at Planning & Design Lab.

The objective of this program is to give hands-on training of software uses in planning & design. Also to develop visual ability of students.

Kindly grant us approval for the same. We will ensure all arrangements are made to conduct the student training program (Add on Course) smoothly and in alignment with the institute guidelines.

Looking forward to your positive response.

Thanking you.

Prof. S. A. Dopare
Event Coordinator

Dr. J. M. Shinde
Head, Dept. of Civil Engg.

HOD
Civil Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Tal. hatkanangle, Dist. Kolhapur

Permitted
A. K. K.





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangle, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

Date: - 21/03/2024

NOTICE

All the Department of Civil Engineering SY and TY students are hereby informed that, the department has organized the student training program(Add on Course)on '2D Building Drawing with AutoCAD 2020 Software' in the Department of Civil EngineeringfromFriday, 22/03/2024 atPlanning & Design Lab.

The attendance is mandatory to all & present on time.

Date: Friday, 22/03/2024

Time: 10:00 am onwards

Venue: Planning & Design Lab. (Dept. of Civil Engg.)

Prof. S. A. Dopare
Event Coordinator

Dr. J. M. Shinde
Head, Dept. of Civil Engg.



HOD
Civil Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Tal: hatkanangle, Dist. Kolhapur



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangle, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

Date: - 21/03/2024

INVITATION LETTER

To,

Mr. Rohit Katkar,
Software trainer,
Poly-Edge Consultancy, Kolhapur

Subject: - Invitation as a Trainer for the student training program (Add on Course) on '2D Building Drawing with AutoCAD 2020 Software'

Dear Sir,

Greetings!

We are delighted to invite you as a trainer for the student training program (Add on Course) on '2D Building Drawing with AutoCAD 2020 Software'. The training is scheduled to be held on Friday, 22/03/2024 at Planning & Design Lab of our institution.

Your vast knowledge and expertise in this field would greatly benefit our students in understanding the significance of the software learning & implementation.

We would be honoured to have your presence and guidance at this program. Kindly confirm your availability at your earliest convenience.

Looking forward to your positive response.

Warm regards,

Prof. S. A. Dopare
Event Coordinator

Dr. J. M. Shinde
Head, Dept. of Civil Engg.



HOD
Civil Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Tal: hatkanangle, Dist. Kolhapur

Received
Rohit Katkar



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangle, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

Date: - 21/03/2024

INVITATION LETTER

To,
Mr. Nilesh Shinde,
Software trainer,
Poly-Edge Consultancy, Kolhapur

Subject: - Invitation as a Trainer for the student training program (Add on Course) on '2D Building Drawing with AutoCAD 2020 Software'

Dear Sir,

Greetings!

We are delighted to invite you as a trainer for the student training program (Add on Course) on '2D Building Drawing with AutoCAD 2020 Software'. The training is scheduled to be held on Friday, 22/03/2024 at Planning & Design Lab of our institution.

Your vast knowledge and expertise in this field would greatly benefit our students in understanding the significance of the software learning & implementation.

We would be honoured to have your presence and guidance at this program. Kindly confirm your availability at your earliest convenience.

Looking forward to your positive response.

Warm regards,

Prof. S. A. Dopare
Event Coordinator

Dr. J. M. Shinde
Head, Dept. of Civil Engg.



HOD
Civil Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Tal. hatkanangle, Dist. Kolhapur

Received
Ashokrao



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangle, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

Date: - 31/05/2024

THANKING LETTER

To,
Mr. Rohit Katkar,
Software trainer,
Poly-Edge Consultancy, Kolhapur

Subject: - Gratitude for conduction as a Trainer for the student training program (Add on Course) on '2D Building Drawing with AutoCAD 2020 Software'

Dear Sir,

On behalf of our department and institution, we extend our heartfelt thanks for being the resource person for the student training program (Add on Course) on '2D Building Drawing with AutoCAD 2020 Software', held on Friday, 22/03/2024 to Friday, 31/05/2024 (duration 50 hrs) at Planning & Design Lab of our institution

Your insightful training was truly enlightening and has greatly motivated our students to develop 2D building drawings with AutoCAD 2020 Software. Your expertise and the valuable tips shared during the training were immensely appreciated by everyone present.

We are deeply grateful for your time, effort, and dedication to guiding our students. We look forward to the opportunity of hosting you again in the future.

Warm regards,

Prof. S. A. Dopare
Event Coordinator

Dr. J. M. Shinde
Head, Dept. of Civil Engg.



HOD
Civil Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Tal. hatkanangle, Dist. Kolhapur

Received
Rohit



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangle, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

Date: - 31/05/2024

THANKING LETTER

To,
Mr. Nilesh Shinde,
Software trainer,
Poly-Edge Consultancy, Kolhapur

Subject: - Gratitude for conduction as a Trainer for the student training program (Add on Course)on '2D Building Drawing with AutoCAD 2020 Software'

Dear Sir,

On behalf of our department and institution, we extend our heartfelt thanks for being the resource person for the student training program (Add on Course)on '2D Building Drawing with AutoCAD 2020 Software' , held on Friday,22/03/2024 to Friday, 31/05/2024 (duration 50 hrs) atPlanning & Design Lab of our institution

Your insightful training was truly enlightening and has greatly motivated our students to develop 2D building drawings with AutoCAD 2020 Software. Your expertise and the valuable tips shared during the training were immensely appreciated by everyone present.

We are deeply grateful for your time, effort, and dedication to guiding our students. We look forward to the opportunity of hosting you again in the future.

Warm regards,

Prof. S. A. Dopare
Event Coordinator

Dr. J. M. Shinde
Head, Dept. of Civil Engg.



HOD
Civil Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Tal: hatkanangle, Dist. Kolhapur

Received
Shinde



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

INAUGURATION FUNCTION PHOTOS:



Felicitation of Guest



Dr. J. M. Shinde sir delivering the introductory speech





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

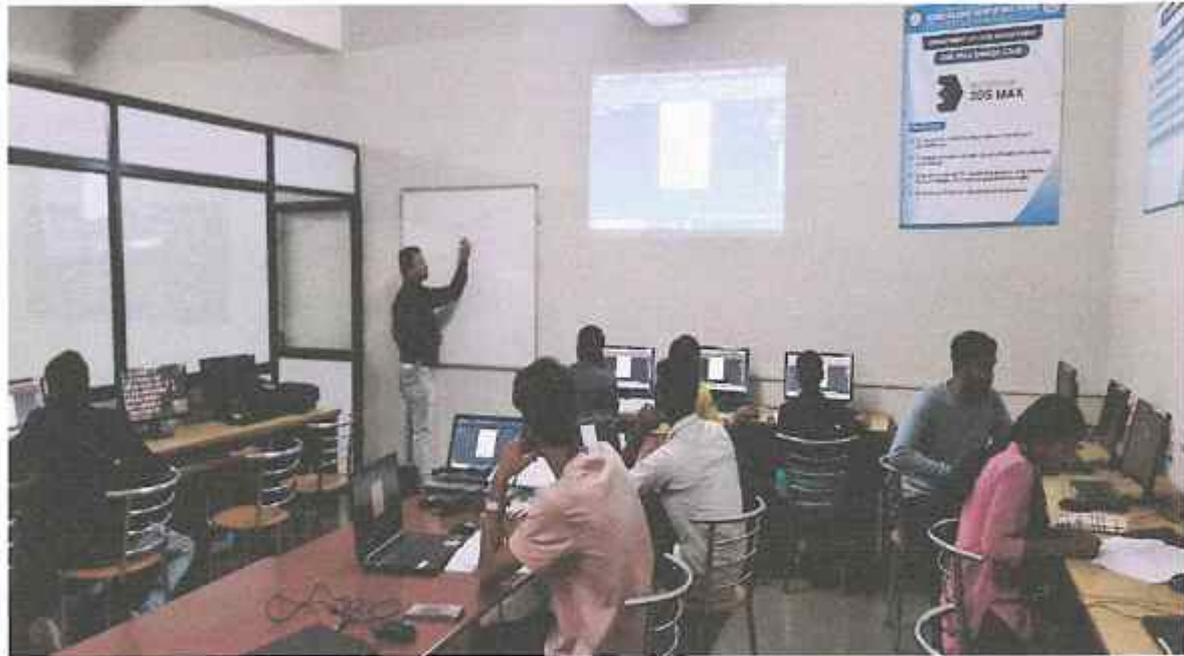
Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

PHOTOS DURING THE SESSION:

During The Session



During The Session



During The Session





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

VALEDICTORY FUNCTION PHOTOS:



Felicitation of Guest



Felicitation of Guest



Dr. J. M. Shinde sir delivering the introductory speech





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING



Prof. S. A. Dopare sir delivering the vote of thanks



Distribution of Certificates



Distribution of Certificates





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING



Distribution of Certificates



Distribution of Certificates



Distribution of Certificates





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING



Distribution of Best performer award AutoCAD 2020
to Ms. Bhakti Sanjay Yadav (S.Y. Civil.)





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING



Congratulations



**Ms. Bhakti Sanjay Yadav (T.Y.Civil) ,
" The Best AutoCAD Performer " award winner
during the AutoCAD Workshop held @AMGOI.**

Felicitation of Ms. Bhakti Sanjay Yadav (T.Y. Civil) with the
auspicious hands of
Prof. P. B. Ghewari (Vice-Principal, AMGOI) in the presence of
Dr. J. M. Shinde (Dean, Student Affairs and Head, Dept. of Civil Engg.)
& Prof. R. A. Pasale (Head, Dept. of Applied Science & Humanities) .

www.amgkolhapur.com

www.amgoi.org



Prof. S. A. Dopare,
Co-ordinator of Program

Dr. J. M. Shinde ,
HOD,
Department of Civil Engineering
HOD
Civil Engineering

AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur





Shri. Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC (Cycle I & II)



DEPARTMENT OF CIVIL ENGINEERING

ATTENDANCE SHEET

Sr.No.	Name of Student	Class	Dates						
			22/03/2024	30/03/2024	06/04/2024	20/04/2024	04/05/2024	18/05/2024	31/05/2024
1	Omkar Prakash Kamble	T.Y.	Kamble						
2	Avinash Shivaji Kamble	T.Y.	Kamble						
3	Raja Irfan	T.Y.	Raja						
4	Sourabh Sanjay Maske	T.Y.	Maske						
5	Sanket Dilip Aughade	T.Y.	Aughade						
6	Sourabh Yuvraj Khot Patil	T.Y.							
7	Sourabh Popat Yadav	T.Y.	Yadav						
8	Gayatri Ashok Patil	T.Y.	Patil						
9	Ujjwala Nathaji Kamble	S.Y.	Kamble						
10	Bhakti Sanjay Yadav	S.Y.	Yadav						
11	Sakshi Sunil Taigade	S.Y.	S.S.Taigade						
12	Abhinandan Sachitanand Awale	S.Y.							
13	Pranav Vitthal Karke	S.Y.	Karke						

Prof. S. A. Dopare,

Co-ordinator of Program

S.A. Dopare



Dr. J. M. Shinde,

HOD, Department of Civil Engineering

HOD

Civil Engineering

AMGOI, Faculty of Engineering

Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur



PolyEdge Consultancy, Kolhapur

&

Ashokrao Mane Group of Institutions, Vathar



Department of Civil Engineering

Certificate

This is to certify that

Bhakti Sanjay Yadav

has successfully completed training workshop on
"Computer Aided Designing (CAD) with AutoCAD 2020"
Organized by Department of Civil Engineering during
22 March 2024 to 31 May 2024.



Mr. Riyaj Peridhari
CEO,
PolyEdge Consultancy

Prof. S. A. Dopare
Co-ordinator,
3ds Max Club, AMGOI

Dr. J. M. Shinde
Head,
Department of Civil Engg.

Prof. P. B. Ghewari
Vice Principal,
AMGOI





PolyEdge Consultancy, Kolhapur

&

Ashokrao Mane Group of Institutions, Vathar



Department of Civil Engineering

Certificate

This is to certify that

Ujjwala Nathaji Kamble

has successfully completed training workshop on
"Computer Aided Designing (CAD) with AutoCAD 2020"
Organized by Department of Civil Engineering during
22 March 2024 to 31 May 2024.



Mr. Riyaj Pendhari
CEO,
PolyEdge Consultancy



Prof. S. A. Dopare
Co-ordinator,
3ds Max Club, AMGOI



Dr. J. M. Shinde
Head,
Department of Civil Engg.



Prof. P. B. Ghewari
Vice Principal,
AMGOI





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)



DEPARTMENT OF CIVIL ENGINEERING

Date: 26th to 28th March, 2024

Workshop Report: IoT & Its Applications in Civil Engineering

Venue: PD Lab, Civil Dept. AMGOI

Organized by: Prof J. A. Patil & Prof. H.M. Bhosale, Civil Department, AMGOI

Conducted by: Prof. S A Bhosale, ETC Department, AMGOI

Participants: 31 Students

Introduction:

The workshop on "IoT & its Applications in Civil Engineering" conducted by **Prof. Mr. Sarvajeet A. Bhosale**, Coordinator, Electronics Club, Department of E&TC at AMGOI proved to be a significant success. Over three days, from **March 26th to 28th, 2024**, **31** enthusiastic students from **TY Civil** actively participated and completed the training, gaining valuable insights into IoT technology and its integration with civil engineering.

Workshop Agenda:

- **Day 1: Introduction to IoT and Smart Cities**
 - **Session 1:** Delivered by Dr. A V Deshmukh, Director of AMGOI, focusing on IoT in smart cities with a perspective on Industry 4.0.
 - The role of IoT in modern engineering
 - Fundamental concepts and components of IoT systems in Smart Cities
- **Day 2: Sensors and Data Acquisition**
 - Types of sensors used in civil engineering
 - Data collection methods and importance
 - Hands-on session: Working with temperature, pressure, and motion sensors



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)



DEPARTMENT OF CIVIL ENGINEERING

• Day 3: Programming and Application

- Introduction to Arduino software and programming - Participants engaged with the installation of Arduino software and programming of different sensors, gaining practical experience in sensor integration and data handling.
- Interfacing sensors with Arduino
- Group projects were given to students.

Activities:

Participants were engaged in a series of interactive lectures, demonstrations, and hands-on sessions. They worked with various sensors, including temperature and motion sensors, and learned to program them using Arduino software. The practical sessions were complemented by theoretical knowledge imparted by Prof. Bhosale.

Outcomes: By the end of the workshop, students were able to:

- Understand the basics of IoT and its relevance to civil engineering.
- Program and interface sensors with Arduino for data acquisition.
- Apply IoT concepts to develop solutions for real-world civil engineering challenges.

Conclusion:

The workshop on "IoT & its Applications in Civil Engineering" served as an invaluable learning experience for TY students at AMGOL, providing them with practical skills and knowledge essential for their mini-project work. Under the guidance of Prof. S A Bhosale, students successfully navigated through the complexities of IoT technology, gaining confidence in their abilities and preparing themselves for future academic and professional pursuits.



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org

NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)



DEPARTMENT OF CIVIL ENGINEERING



Introduction to Guest



Introduction to Guest



Session on "IoT in Smart Cities with a View of Industry 4.0"



Hands-on Session on "Arduino Software – Program Development"



Hands-on Session on "Interfacing Sensors with Arduino"



With Participants & Guest



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org



Accredited by NAAC

DEPARTMENT OF CIVIL ENGINEERING

Date: 30/03/2024

CO-ORDINATOR REPORT

One Week Faculty Development Program

on

Arduino

- **Name of the Co-ordinator:** Prof. H. M. Bhosale
- **Duration:** 26th to 30th March 2024
- **Time:** 09:15 am to 04:00 pm
- **Venue:** Planning and Design Laboratory

➤ Objective of the Program

The Arduino Training Program aimed to provide participants with a comprehensive understanding of the Arduino platform. The goal was to introduce them to basic and intermediate level concepts in electronics and embedded systems, empowering them to create simple and advanced projects using Arduino. The course targeted individuals interested in gaining hands-on experience in electronics, programming, and automation.

➤ Program Highlights

- **Introduction to Arduino:** Participants were introduced to the Arduino platform, its components, and its applications in various industries.
- **Basic Concepts:** The training covered the basics of Arduino programming, including an introduction to Arduino IDE, basic syntax, and essential coding structures.
- **Hands-On Sessions:** The training program included several practical sessions where participants worked on:
 - LED control (blinking, brightness control)
 - Button and sensor interfacing
 - Motor control (DC motors, servo motors)
 - Interfacing with displays (LCD, 7-segment)
- **Advanced Projects:** As participants progressed, they worked on more complex projects like building temperature sensors, automated lights, and simple robots.
- **Problem Solving:** The program encouraged real-time problem-solving, troubleshooting common issues encountered during the project development process.
- **Q&A and Discussions:** The facilitators provided extensive time for Q&A sessions, offering guidance on advanced topics and project development ideas.



Accredited by NAAC

DEPARTMENT OF CIVIL ENGINEERING

➤ Learning Outcomes

At the end of the training, participants were able to:

- Understand the basic and advanced components of the Arduino board and how to use them.
- Write simple to complex programs for Arduino.
- Create functional electronic circuits using sensors, motors, and displays.
- Build and prototype various automation systems.
- Troubleshoot common issues in Arduino projects.
- Apply Arduino concepts to real-world applications in fields like automation, robotics, and Internet of Things (IoT).

➤ Challenges Encountered

- **Technical Issues:** A few technical glitches occurred with some of the Arduino boards, which led to slight delays in hands-on sessions. However, the technical team resolved the issues promptly.
- **Time Management:** Due to the hands-on nature of the program, some sessions took longer than expected. Future programs could consider adjusting the schedule to accommodate longer practical work.

➤ Conclusion and Recommendations

The Arduino Training Program was successfully conducted, with participants gaining significant knowledge and hands-on experience. It was well-received by the attendees, and the overall feedback was positive. To enhance future training, we recommend:

- Expanding the course content to include more advanced topics, such as IoT integration and advanced robotics.
- Extending the program duration for more in-depth hands-on training.
- Introducing a follow-up mentorship or project development phase to help participants implement what they've learned.

We thank all participants for their engagement and contribution to the success of the program and look forward to future editions.

➤ Schedule the Program: -

- No. of Days: - **05 days**
- Start Date of Program:- **26/03/2024**
- End date of the Program:- **30/03/2024**



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org



Accredited by NAAC

DEPARTMENT OF CIVIL ENGINEERING

Schedule of the Program

Date	Time	Content of the program	Resource Person
Tuesday 26/03/2024	9:15 - 10:00	Inauguration	Organising team
	10:00 - 11:15	Introduction to Arduino and Basics of Embedded Systems <ul style="list-style-type: none"> ➤ Introduction to embedded systems and their applications in education, industry, and research. ➤ Role of Arduino in the embedded systems ecosystem. ➤ Key features and components of the Arduino platform. 	Mr. S. A. Bhosale
	11:15 - 11:30	Tea Break	
	11:30 - 1:30	Overview of Embedded Systems <ul style="list-style-type: none"> ➤ Introduction to embedded systems and their applications in education, industry, and research. ➤ Role of Arduino in the embedded systems ecosystem. ➤ Key features and components of the Arduino platform. 	Mr. S. A. Bhosale
	1:30 - 2:15	Lunch Break	
	2:15 - 4:00	Introduction to Basic Electronics <ul style="list-style-type: none"> ➤ Basics of electronics: voltage, current, resistance, Ohm's law. ➤ Introduction to components: resistors, capacitors, LEDs, diodes, transistors, etc. ➤ Hands-on: Simple circuits with Arduino (blinking an LED). 	Mr. S. A. Bhosale
Wednesday 27/03/2024	9:15 - 11:15	Programming Basics and Digital I/O <ul style="list-style-type: none"> ➤ Introduction to the Arduino programming language (based on C/C++). ➤ Structure of an Arduino program: setup() and loop() functions. ➤ Variables, data types, operators, and expressions. 	Mr. S. A. Bhosale
	11:15 - 11:30	Tea Break	
	11:30 - 1:30	Digital Input/Output <ul style="list-style-type: none"> ➤ Understanding digital signals: high (1) and low (0). ➤ Using digitalWrite() and digitalRead() functions. ➤ Hands-on: Controlling an LED with a button (basic input/output). 	Mr. S. A. Bhosale
	1:30 - 2:15	Lunch Break	
	2:15 - 4:00	Control Structures in Arduino <ul style="list-style-type: none"> ➤ Conditional statements (if, else). ➤ Looping structures (for, while), control structures ➤ Hands-on Session 	Mr. S. A. Bhosale
Thursday 28/03/2024	9:15 - 11:15	Working with Sensors, Actuators, and Analog Signals <ul style="list-style-type: none"> ➤ Introduction to analog signals: voltage levels and sensors. ➤ Using analogRead() and analogWrite() functions. ➤ Pulse Width Modulation (PWM) overview: dimming LEDs and motor speed control. 	Mr. S. A. Bhosale
	11:15 - 11:30	Tea Break	
	11:30 - 1:30	Interfacing Sensors <ul style="list-style-type: none"> ➤ Temperature sensors (LM35, DHT11). 	Mr. S. A. Bhosale



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org



Accredited by NAAC

DEPARTMENT OF CIVIL ENGINEERING

		<ul style="list-style-type: none"> ➤ Light sensors (LDR). ➤ Motion sensors (PIR). 	
	1:30 - 2:15	Lunch Break	
	2:15 - 4:00	Controlling Actuators <ul style="list-style-type: none"> ➤ Introduction to motors: DC motors, servos, and stepper motors. ➤ Controlling motors using Arduino. ➤ Hands-on: Building simple projects involving motors (e.g., controlling a servo motor). 	Mr. S. A. Bhosale
Friday 29/03/2024	9:15 - 11:15	Serial Communication <ul style="list-style-type: none"> ➤ Overview of serial communication in Arduino. ➤ Using Serial.print() for debugging. ➤ Communicating between Arduino and a PC via serial communication 	Mr. S. A. Bhosale
	11:15 - 11:30	Tea Break	
	11:30 - 1:30	Interfacing Displays <ul style="list-style-type: none"> ➤ LCD display (16x2) basics. ➤ Interfacing and displaying sensor data on LCD screens. ➤ Introduction to OLED displays and 7-segment displays. 	Mr. S. A. Bhosale
	1:30 - 2:15	Lunch Break	
	2:15 - 4:00	Wireless Communication <ul style="list-style-type: none"> ➤ Introduction to Bluetooth communication (HC-05/HC-06 modules). ➤ Introduction to Wi-Fi communication (ESP8266). ➤ Hands-on: Simple wireless control using Bluetooth (using mobile app to control Arduino). 	Mr. S. A. Bhosale
Saturday 30/03/2024	9:15 - 11:15	Introduction to IoT with Arduino <ul style="list-style-type: none"> ➤ Basics of the Internet of Things (IoT) and Arduino. ➤ Connecting Arduino to the cloud using Wi-Fi or Ethernet shield. ➤ Platforms for IoT: Thing Speak, Blynk, Adafruit IO. ➤ Hands-on: Sending sensor data to the cloud for real-time monitoring. 	Mr. S. A. Bhosale
	11:15 - 11:30	Tea Break	
	11:30 - 1:30	Troubleshooting and Debugging <ul style="list-style-type: none"> ➤ Common issues and troubleshooting tips. ➤ Using Serial Monitor for debugging. ➤ Best practices in circuit design and avoiding common mistakes. 	Mr. S. A. Bhosale
	1:30 - 2:15	Lunch Break	
	2:15 - 4:00	Faculty Development in Teaching Arduino <ul style="list-style-type: none"> ➤ How to integrate Arduino into curriculum and classroom teaching. ➤ Designing assignments and mini-projects for students. ➤ Final Project Presentation. 	Mr. S. A. Bhosale



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcivil@amgoi.edu.in, Website: www.amgoi.org



Accredited by NAAC

DEPARTMENT OF CIVIL ENGINEERING



Hands on training Simple wireless control



Content delivery



Hands on training Sending sensor data to the cloud



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS

DEPARTMENT OF ELECTRICAL ENGINEERING

NH - 4, Vathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur - 416112.

Phone: (0230) 2407740, 2407750, 2407760 Fax: (0230) 2407750

Accredited by NAAC with 'A' Grade CGPA 3.08

Date: 27/03/2024

To,

Mr. Kishor More & Mrs. Renuka More (Managing Director)

Infinite Graphix Technologies Pvt Ltd

Engineering CAD Trainings, Services and Staffing

Subject: - Invitation for conducting a Seminar "Advanced CAD

Techniques: Exploring AutoCAD and Eplan"

27th March 2024 at 10.15 Am.

Respected sir,

We, on behalf of Department of Electrical Engineering invite you for conducting a Seminar on "Advanced CAD Techniques: Exploring AutoCAD and Eplan" scheduled on 27th March 2024 at 10.15 Am. in Electrical Engineering Department AMGOI. Students should learn a lot of new things of CAD techniques and come to know about different skill & technique required for AutoCAD. It will definitely help them in the future.

Thanking you.


27/3/24

Staff Coordinator

(Mr. S. A. Gaikwad)


27/3/24

HOD

(Mrs. S.H.Shete)

HOD

Electrical Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon,
Tal. Hatkanangale, Dist. Kolhapur





Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS
NH - 4, Vathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur - 41611
Phone: (0230) 2407740, 2407750, 2407760 Fax: (0230) 2407750

DEPARTMENT OF ELECTRICAL ENGINEERING

Date: 27/03/2024

“Report of Seminar on “Advanced CAD Techniques: Exploring AutoCAD and Eplan”

Program Date: 27th March 2024.

Place: AMGOI, Vathar.

Objective of Program: The objective of this seminar is to provide participants with an in-depth understanding of advanced functionalities and methodologies within AutoCAD and Eplan for enhanced design proficiency and efficiency.

This Seminar was organized by Electrical Engineering department on **27th March 2024**

Total 79 students from second year & third year were attended the Seminar.

The Seminar was coordinated by Prof. S. A. Gaikwad and HOD Prof. Mrs. S. H. Shete motivated students for the Seminar.

Infinite Graphix Technologies Pvt Ltd is a leading provider of Engineering CAD (Computer-Aided Design) solution offering a comprehensive range of services including training, consultancy, and staffing services. With a focus on delivering high-quality CAD solutions tailored to meet the specific needs of clients across various industries, Infinite Graphix Technologies Pvt Ltd is committed to excellence in design and innovation.

In this seminar students acquired Knowledge of

1. Engineering CAD & Eplan Trainings:

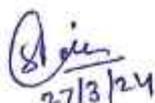
- Customized training programs designed to enhance proficiency in CAD software such as AutoCAD, Eplan, SolidWorks, CATIA, etc.
- Beginner to advanced level courses covering topics such as 2D drafting, 3D modeling, parametric design, simulation, and more.
- Practical hands-on training conducted by experienced instructors with industry expertise.

2. CAD Services:

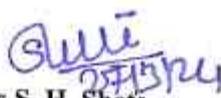
- CAD drafting and design services for architectural, mechanical, electrical, and civil engineering projects.
- Conversion of hand-drawn sketches or legacy drawings into digital CAD formats.
- CAD customization and automation to streamline design workflows and improve efficiency.
- CAD documentation and standards development.

3. CAD Staffing:

- Recruitment and placement services for CAD professionals including drafters, designers, engineers and project managers.
- Temporary staffing solutions to meet short-term project demands.
- Permanent placement services for companies seeking qualified CAD professionals for long-term positions.


27/3/24

Mr. S. A. Gaikwad
Staff Coordinator


27/3/24

Mrs. S. H. Shete
HOD (EE)



Mr. P. B. Ghewari
Vice Principal



Dr. A. V. Deshmukh
Director



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS
NH - 4, Vathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur - 41611
Phone: (0230) 2407740, 2407750, 2407760 Fax: (0230) 2407750

DEPARTMENT OF ELECTRICAL ENGINEERING

Date: 27/03/2024

"Report of Seminar on "Advanced CAD Techniques: Exploring AutoCAD and Eplan"

Program Date: 27th March 2024.

Place: AMGOI, Vathar.

Objective of Program: The objective of this seminar is to provide participants with an in-depth understanding of advanced functionalities and methodologies within AutoCAD and Eplan for enhanced design proficiency and efficiency.

This Seminar was organized by Electrical Engineering department on 27th March 2024

Total 79 students from second year & third year were attended the Seminar.

The Seminar was coordinated by Prof. S. A. Gaikwad and HOD Prof. Mrs. S.H. Shete motivated students for the Seminar.

Infinite Graphix Technologies Pvt Ltd is a leading provider of Engineering CAD (Computer-Aided Design) solution offering a comprehensive range of services including training, consultancy, and staffing services. With a focus on delivering high-quality CAD solutions tailored to meet the specific needs of clients across various industries, Infinite Graphix Technologies Pvt Ltd is committed to excellence in design and innovation.

In this seminar students acquired Knowledge of

1. **Engineering CAD & Eplan Trainings:**

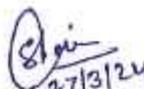
- Customized training programs designed to enhance proficiency in CAD software such as AutoCAD, Eplan, SolidWorks, CATIA, etc.
- Beginner to advanced level courses covering topics such as 2D drafting, 3D modeling, parametric design, simulation, and more.
- Practical hands-on training conducted by experienced instructors with industry expertise.

2. **CAD Services:**

- CAD drafting and design services for architectural, mechanical, electrical, and civil engineering projects.
- Conversion of hand-drawn sketches or legacy drawings into digital CAD formats.
- CAD customization and automation to streamline design workflows and improve efficiency.
- CAD documentation and standards development.

3. **CAD Staffing:**

- Recruitment and placement services for CAD professionals including drafters, designers, engineers and project managers.
- Temporary staffing solutions to meet short-term project demands.
- Permanent placement services for companies seeking qualified CAD professionals for long-term positions.


27/3/24
Mr. S. A. Gaikwad
Staff Coordinator


27/3/24
Mrs. S. H. Shete
HOD (EE)


Mr. P. B. Ghewari
Vice Principal


Dr. A. V. Deshmukh
Director



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS

DEPARTMENT OF ELECTRICAL ENGINEERING

NH - 4, Vathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur - 416112.

Phone: (0230) 2407740, 2407750, 2407760 Fax: (0230) 2407750

Accredited by NAAC with 'A' Grade CGPA 3.08

Date: 27/03/2024

To,

Mr. Kishor More & Mrs. Renuka More (Managing Director)
Infinite Graphix Technologies Pvt Ltd
Engineering CAD Trainings, Services and Staffing

Sub: - Thanking Letter.

Respected Sir,

We are very much thankful to you for conducting a Seminar on "Advanced CAD Techniques: Exploring AutoCAD and Eplan" scheduled on 27th March 2024 at 10.15 Am. for students of electrical engineering. The session was very nice and informative. Students learn lot of new things of AutoCAD & Eplan and they came to know about different skill & technique required for CAD techniques. It will definitely help them in the future.

I assure you, your suggestions and tips will be implemented by them for their future carrier.

Once again thank you and expecting your cooperation in future endeavors.

27/3/24
Staff Coordinator
(Mr. S. A. Gaikwad)


27/3/24
HOD

(Mrs. S.H. Shete)
HOD

Electrical Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon,
Tal. Hatkanangale, Dist. Kolhapur

Attendance Sheet - Graphix Technologies, Kolhapur - 120486188

Sr No	Student Full Name	Class (SY, TY, BE)	Whatsapp Mob No	Personal Email ID	Sign
1	Nikhil Chandrakant Duvane	TY	942110140	davanenikhils@gmail.com	
2	Aniket Vinod madhale	TY	9503399255	madhaleaniket@gmail.com	
3	Shreyas Balasaheb Patil	SY	7776828758	Patilshreyas5607@gmail.com	
4	Tanmay Subhash Patil	S.Y.	9422013608	tpkop1410@gmail.com	
5	Nagesh Mahadev Panhalkar	S.Y.	8762264189	Nageshpanhalkar1025@gmail.com	
6	Ashishet Bhak Shendage	S.Y.	8268500832	Ashishetshendage53@gmail.com	
7	Sumit Arun Upase	S.Y.	9097736664	upasesumit133@gmail.com	
8	Farman Hardasali Fariband	SY	8830336263	Sfariband02@gmail.com	
9	Shubham Prakash More	SY	9145667549	shubhammore@gmail.com	
10	Tejas Prakash Devkar	SY	8177995983	tejasdevkar23@gmail.com	
11	Adinath sadashiv Bate	SY	8830217069	adinathbate@gmail.com	
12	Atharv Dipak Patil	SY	7755965682	Patilatharv930@gmail.com	
13	Uresh Baskir Tamboli	S.Y.	7888210797	ureshtamboli@gmail.com	
14	Sayee Shivaji Patil	S.Y.	932515211	SayeePatil102604@gmail.com	
15	Prathamesh Suresh Bulaze	S.Y.	8010309193	Prathameshbulaze152@gmail.com	
16	Aditya Suresh Kambale	SY	9356902261	adityakambale@gmail.com	
17	Pranav Pandurang Rabade	SY	9922599133	pranavrabade6@gmail.com	
18	Dnyaneshwar Dashadath Gavali	SY	7066311925	dnyaneshwar.gavali334@gmail.com	
19	Shubham Kiran Jadhav	S.Y.	8830481169	Shubhamjadhav4329@gmail.com	
20	Shivraj Pruthottam Kadam	S.Y.	8767467992	Shivrajkadam2003@gmail.com	
21	Pruthviraj Babasaheb Gurav	S.Y.	8530876069	pruthvirajgurav59@gmail.com	
22	Aditya Babasa Patil	S.Y.	8830752095	adiPatil1750@gmail.com	

Sr No	Student Full Name	Class (SY, TY, BE)	Whatsapp Mob No	Personal Email ID	Sign
1.	Prathmesh .V. Dode	TY	8421914996		<u>Dode</u>
2.	Sahil .S. Bhingardev	TY	8010523655		Bhingardev
3.	Tushar m. Patil	TY	8767656499		<u>Patil</u>
4.	Harshvardhan .B. Patil	TY	9356613464		<u>Patil</u>
5.	Paalikaaj .S. Patil	TY	7972693658		<u>Patil</u>
6.	Ruturaj .S. Deshmukh	TY	9970941626		<u>Deshmukh</u>
7.	Rushikesh .R. Jagtap	TY	7083409561		<u>Jagtap</u>
8.	Soham .Y. Yadav	TY	7219645731		<u>S. Yadav</u>
9.	Prathmesh .S. Sutar	TY	9112883842		<u>Sutar</u>
10.	Shubham .S. Shinde	TY	7769902500		<u>Shinde</u>
11.	Nitin .T. Yadav	TY	2950815114		<u>Yadav</u>
12.	Dignisay .M. Barge	TY	7058617757		<u>Barge</u>
13.	Rushikesh .Dilip Powar	TY	9420091210		<u>Powar</u>
14.	Ranjeet .Dattatray Barge	TY	9130669236		<u>Barge</u>
15.	Mayuresh .V. Patil	TY	7420869159		<u>Patil</u>
16.	Sangam .S. Waingade	TY	9657634298		<u>Waingade</u>
17.	Aksay .K. Pujari	TY	8485831477		<u>Pujari</u>
18.	Pritam .S. Chavan	TY	9322158182		<u>Chavan</u>
19.	Rohan .D. Shedbale	TY	9066333716		<u>Shedbale</u>
20.	Omkar .B. Pasare	TY	9359311248		<u>Pasare</u>
21.	Prathmesh .C. Magdum	TY	9021552840		<u>Magdum</u>
22.	Aditya .R. Chavan	TY	9145629795		<u>Aditya</u>
23.	Prathmesh .R. Jadhav	TY	9119455454		<u>Jadhav</u>

Sr No	Student Full Name	Class (SY, TY, BE)	Whatsapp Mob No	Personal Email ID	Sign
1.	Gayatri Ajit Jadhav	S.Y	9021848259	gayatriajitjadhav@gmail.com	Gajadhav
2.	Nirjala Nirvutti Nikom	S.Y.	7083783232	nirjala2365@gmail.com	Nirjala
3.	Rasika Deepak Chavan	S.Y.	9322901500	chavomasika@gmail.com	RChavan
4.	Saloni Uttam Patil.	S.Y.	8830395146	salonipatil5146@gmail.com	Saloni Patil
5.	Vaishnavi Yuvraj Patil	S.Y	8855946320	VaishnaviSparkle@gmail.com	VPatil
6.	Kiran Sunil Kamble	S.Y	9022400425	Kirankamble0308@gmail.com	Kamble
7.	Aparna Bajirao Patil	S.Y	7028105698	aparnapatil2605@gmail.com	APatil
8.	Prachi Nandkumar Guxav	S.Y	9420170195	prachiguxav195@gmail.com	Prachi
9.	Sayali Anil Bhalawane	S.Y	8010622556	Sayalibhalawane513@gmail.com	Sayali
10.	Akanksha Uttamrao Patil	S.Y	7397852269	Patilakanksha518@gmail.com	AKPatil
11.	Sayali Bajirao Ekshinge	S.Y	7507927070	sayaliEkshinge02@gmail.com	Sayali Ekshinge
12.	Anushka Avinash Mohite	S.Y	9022447271	anushkamohite55@gmail.com	Anushka
13.	Pranjita Ananda Chougule	T.Y.	8208313608	Pranjita0221@gmail.com	Pranjita
14.	Rutuja Krushnat Patil	T.Y	8959031117	rutujapatil1829@gmail.com	RKPatil
15.	Trupti Chandrakant Avaghade	T.Y	8010878940	truptiavaghade287@gmail.com	Trupti
16.	Pallavi Shankar Patil	T.Y	9284988477	pallavipatil4520@gmail.com	SPatil
17.	Sheavani Satyashil Kibile	T.Y.	8483815227	sheavaniKibile21@gmail.com	Sheavani
18.	Anushka Arunkumar Magdum	T.Y	8956035003	anushkamagdum2002@gmail.com	AMagdum

Ashokrao Mane Group of Institutions,

Faculty of Management Studies (MBA), Vathar tarf Vadgaon

Date- 28/03/2024

**One Day workshop on Research Methodology under Lead College Activity
in Association with Shivaji University Kolhapur @ AMG Vathar**

Activity title: Workshop on Research Methodology

Mode of conduction: Offline

Date: 27/03/2024

Time: 10 am to 3 PM

Venue: Degree Seminar Hall

❖ **Program Objective:-**

The Research Methodology Workshop was tailor-made to facilitate the academic requirements of the Post-Graduate student. workshop was conceptualised with the intention of knowledge-building on the fundamentals of research concepts, methodologies and processes in addition to providing hands-on training in synopsis/thesis writing with inputs on the essentials of academic writing.

1. To develop knowledge on the fundamentals of research
2. To build knowledge on research design, application & data analysis
3. To develop skills for synopsis/thesis development & academic writing

❖ **Resource Person**

Dr. Sagar S Sutar- I/C Director faculty of management Studies MBA

❖ **Participant- MBA 1st year student**

Ashokrao Mane Group of Institutions,

Faculty of Management Studies (MBA), Vathar tarf Vadgaon

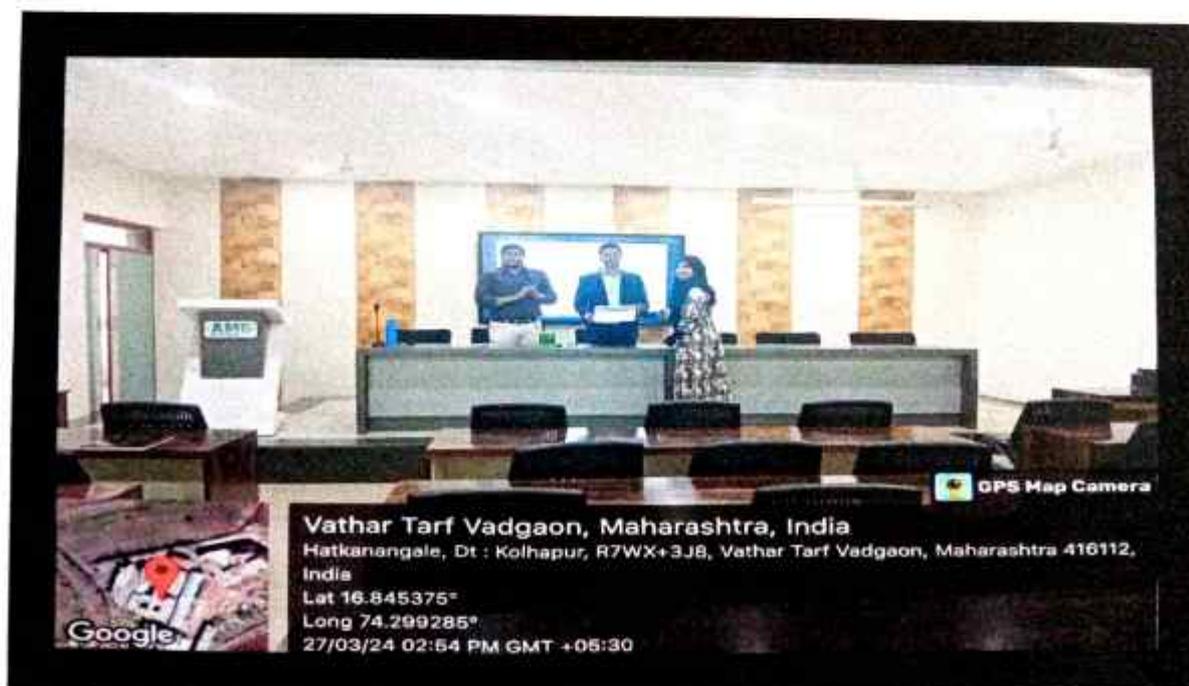
❖ Details of activity:

Program Coordinator Mr. S.P.Pawar welcomes resource person and students also he briefed the objectives of workshop, and provide brief introduction about workshop.

Resource person Dr. Sagar Sutar I/C Director of Faculty of Management Studies (MBA) has delivered an expert session on "Research Methodology" Following is the Content has been delivered.--Gap analysis--Pilot Study--Research Design--How to select sample-Setting of Hypothesis--Testing of Hypothesis--Statistical tools for analysis-Inferential statistics--Report writing--Minor & Major project under UGC,CSIR,ICSSR etc.



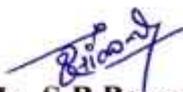
Ashokrao Mane Group of Institutions, Faculty of Management Studies (MBA), Vathar tarf Vadgaon



Ashokrao Mane Group of Institutions,

Faculty of Management Studies (MBA), Vathar tarf Vadgaon




Mr. S.P. Pawar

Program- Coordinator


Dr. S.S. Sutar

HIC Director

Shri Balasabai Mane Shikshan Prasarak Mandal's
Ashokrao Mane Group of Institutions
Faculty of Management Studies (MBA)
Vathar tarf Vadgaon, Tal. Hatkanangale
Dist. Kolhapur M.S. 416112



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodele@amgoi.edu.in, Website: www.amgoi.org



Student Development Program on Virtual Instrumentation and Industry 4.0

In Association with IET Student Chapter and Institute Innovation Council

Date: April 4th, 2024 to April 6th, 2024

Coordinators: Dr. C. R. Dongarsane, Assistant Professor, Department of Electronics & Telecommunication Engineering, AMGOI, Vathar

Prof. A. V. Kumbhar, Assistant Professor, Department of Electrical Engineering, AMGOI, Vathar

Guest Speaker: Mr. Amit Amrutkar, Technical Consultant, Kimaya Automation, Pune

Introduction: The Student Development Program on Virtual Instrumentation and Industry 4.0, led by Dr. C. R. Dongarsane and Prof. A. V. Kumbhar, in collaboration with the IET Student Chapter and the Institute Innovation Council, aimed to equip students of Electrical Engineering and Electronics & Telecommunication Engineering with the knowledge and skills required to excel in the era of Industry 4.0.

Key Activities:

- 1. Workshops and Training Sessions:** Comprehensive workshops were conducted to introduce students to virtual instrumentation tools and Industry 4.0 technologies. Participants learned to utilize software such as LabVIEW for data acquisition and analysis, as well as explore the principles of cyber-physical systems and IoT integration.
- 2. Guest Lecture by Mr. Amit Amrutkar:** Mr. Amit Amrutkar, a distinguished technical consultant from Kimaya Automation, Pune, delivered an enlightening lecture on the practical applications of virtual instrumentation and Industry 4.0 in the industrial sector. His insights provided invaluable perspectives on real-world challenges and opportunities in the field.
- 3. Hands-on Projects:** Students engaged in hands-on projects to apply their theoretical knowledge in practical scenarios. Under the guidance of faculty mentors, they designed and implemented virtual instrumentation systems for various applications, including process control, monitoring, and automation.





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH-4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodele@amgoi.edu.in, Website: www.amgoi.org



4. **Industry Visits:** Visits to prominent industries offered students the opportunity to witness cutting-edge technologies in action. Interactions with industry experts facilitated a deeper understanding of Industry 4.0 practices and encouraged students to explore career opportunities in related domains.

Outcomes:

1. **Enhanced Skillset:** Participants developed proficiency in virtual instrumentation tools and gained insights into the integration of Industry 4.0 technologies.
2. **Industry Relevance:** Exposure to industry practices and interactions with experts enriched students' understanding of real-world applications, enhancing their employability prospects.
3. **Networking Opportunities:** The program provided a platform for students to network with peers, faculty members, and industry professionals, fostering collaborations and knowledge exchange.
4. **Inspiration for Innovation:** Through hands-on projects and interactions with industry leaders, students were inspired to innovate and contribute to the advancement of technology in their respective fields.

Conclusion: The Student Development Program on Virtual Instrumentation and Industry 4.0, facilitated by Dr. C. R. Dongarsane and Prof. A. V. Kumbhar, in collaboration with the IET Student Chapter and the Institute Innovation Council, proved to be a transformative experience for students of Electrical Engineering and Electronics & Telecommunication Engineering. By bridging the gap between academia and industry and fostering a culture of innovation, the program empowered students to embrace the opportunities presented by the fourth industrial revolution and emerge as future leaders in their field.

Chetan Rajan

Dr. C. R. Dongarsane, Prof. A. V. Kumbhar

Event coordinator

08/04/24



S.H. Shete

Prof. S. H. Shete

HOD
Electrical Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon,
Tal. Hatkanangale, Dist. Kolhapur



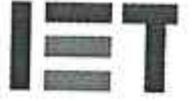
Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur - 416112.

Phone: (0230) 2407740, 2407750, 2407760 Fax: (0230) 2407750

Accredited by NAAC with 'A' Grade CGPA 3.08



Date: 01/04/2024

To,

Mr. Amit Amrutkar

Technical Consultant,

Kimaya Automation.Pune

Subject: - Invitation for conducting a Student Development Program on Virtual Instrumentation and Industry 4.0 from 4th April to 6th April 2024.

Respected sir,

We, on behalf of Department of Electrical Engineering and Electronics & telecommunication Engineering in association with IET Student Chapter and IIC Institution's Innovation council AMGOI, cordially invite you for conducting a "Student Development Program on Virtual Instrumentation and Industry 4.0" scheduled on 4th April to 6th April 2024 at 9.15 am to 4.15 pm. in Electrical Engineering Department AMGOI. Students should learn a lot of new things of Virtual Instrumentation and Industry 4.0 and come to know about different skill & technique. It will definitely help them in the future.

Thanking you.

Received
Am

CA
Program Coordinator
(Mr. A.V. Kumbhar)



Shete
HOD 11/4/24

(Mrs. S.H.Shete)



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur - 416112.

Phone: (0230) 2407740, 2407750, 2407760 Fax: (0230) 2407750

Accredited by NAAC with 'A' Grade CGPA 3.08



Date: 06/04/2024

To,

Mr. Amit Amrutkar

Technical consultant,

Kimaya Automation.Pune

Sub: - Thanking Letter.

Respected Sir,

We are very much thankful to you for conducting "Student Development Program on Virtual Instrumentation and Industry 4.0" for students of Electrical Engineering and Electronics & Telecommunication Engineering in association with IET Student Chapter and IIC Institution's Innovation council AMGOI on 04/04/2024 to 06/04/2024. The session was very nice and informative. Students learn lot of new things of Virtual Instrumentation and Industry 4.0 and they came to know about different skill & technique. It will definitely help them in the future.

I assure you, your suggestions and tips will be implemented by them for their future career.

Once again thank you and expecting your cooperation in future endeavors.


Program Coordinator
(Mr. A.V. Kumbhar)




HOD
(Mrs. S.H. Shete)



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING



Attendance Sheet

Student Development Program on Virtual Instrumentation & Industry 4.0

Date: 04/04/2024

Sr. No.	Name of Department	Name of student	Signature
1	Electrical	Pratiksba P. Kadam	
2	EE	Vaishnavi S. Shinde	
3	Electrical	Rutuja S. Savalekari	
4	Electrical	Preerana V. Patil	
5	Electrical	Samruddhi S. Patil	
6	Electrical	Moheem M. Patankar	
7	Electrical	Mayuresh V. Patil	
8	Electrical	Prifam S. Chavan.	
9	Electrical	Soham Y. Yadav.	
10	Electrical	Digvijay M. Baxage	
11	Electrical	Seemadham S. Wungad	
12	Electrical	Akshay K. Pujari	
13	Electrical	Sankalp Sokasane	
14	Electrical	Sanket Jalane	
15	Electrical	Rajkumar Patil	
16	Electrical	Tushar Kograle	
17	Electrical	Nishant S. Patil	
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

Event Coordinator

Converner

HOD (EE & ETC)



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING



Attendance Sheet

Student Development Program on Virtual Instrumentation & Industry 4.0

Date: 05/04/2024

Sr. No.	Name of Department	Name of student	Signature
1	Electrical	Rutuja S. Savalekari	Savalekari
2	Electrical	Prerana V. Patil.	Patil
3	Electrical	Samruddhi S. Patil.	Patil
4	Electrical	Pratiksha P. Kadam.	Kadam
5	Electrical	Vaishnavi S. Shinde	Shinde
6	Electrical	Sankalp N. Sokasane	SNS
7	electrical	Soham Y. Yadav	S. Yadav
8	Electrical	Mayuresh V. Patil	Patil
9	Electrical	Sanket Jalane	Jalane
10	-u-	Nishant Patil	Patil
11	-u-	Turboz Kagnale	Kagnale
12	Electrical	Pritam S. Chavan.	Chavan
13	Electrical	Mahsin M. Pudentkar	Pudentkar
14	Electrical Engg	Digniraj M. Barage	Barage
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

Event Coordinator

Converner

HOD (IET & ETC)



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING



Attendance Sheet

Student Development Program on Virtual Instrumentation & Industry 4.0

Date: 06/04/2024

Sr. No.	Name of Department	Name of student	Signature
1	Electrical	Prerana Umesh Patil	Patil
2	ELE	Rutuja subhosh savalekari	Savalekari
3	— —	Sanket Jalane	Jalane
4	— —	Pratiksha P. Kadam	Kadam
5	— —	Vaishnavi S. Shinde	Shinde
6	— —	Samrudhhi S. Patil	Patil
7	— —	Sankalp N. Sokasane	SNS
8	— —	Rajkumar H. Patil	Patil
9	— —	Nishant D. Patil	Patil
10	— —	Tushar B. Kogale	Kogale
11	— —	Digvijay M. Bagage	Bagage
12	— —	Moheem M. Patankar	Patankar
13	— —	Pritam S. Chavan	Chavan
14	— —	Mayuresh V. Patil	Patil
15	— —	Soham Y. Yadav	S. Yadav
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

Event Coordinator

Converner

HOD (EE & ETC)

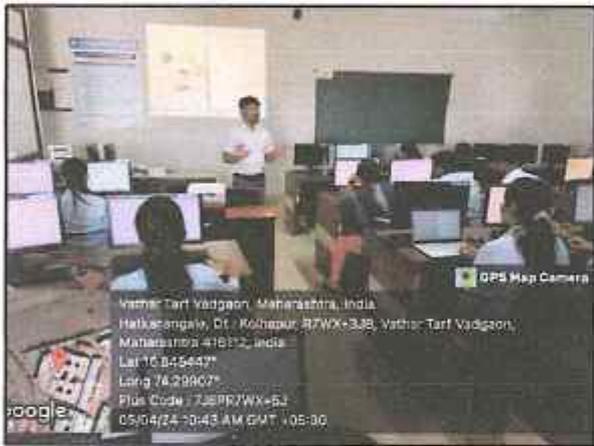
Glimpses of Student Development Program on Virtual Instrumentation and Industry 4.0



Inauguration of Program



During Session (Day 1)



During Session (Day 2)



During Session (Day 3)



Post program quiz (Day 3)



End of program (Day 3)





Date-12/06/2024

One Week FDP on Advanced Industrial Automation with PLC & IIOT

Date: 3rd June - 7th June 2024

Venue: Ashokrao Mane Group of Institutions (AMGOI), Vathar, Kolhapur

Organizers: Shri Balasaheb Mane Shikshan Prasarak Mandal Ambap & Research and Development Cell

Attendees: 37

Objective: The STTP aimed to train faculty members on fundamental concepts and practical knowledge of industrial automation and control systems. The focus was on automation technologies in manufacturing industries, including AI, ML, IoT, and IIoT advancements.

Workshop Summary: A one-week training workshop on "Advanced Industrial Automation with PLC & IIOT" was successfully conducted at Ashokrao Mane Group of Institutions, Vathar, in collaboration with industrial initiatives. This workshop provided a platform for faculty members to acquire specialized knowledge and skills essential for modern industrial practices.

During the workshop, faculty members received expert guidance from Mr. Mohan Patel (Industry Consultant) and Mr. Himanshu Rakholiya (Manager, CDIAC, SSASIT), Surat, Gujarat. These experts provided extensive training on the latest advancements in PLC (Programmable Logic Controllers) and IIOT (Industrial Internet of Things) technologies. The sessions included hands-on demonstrations and practical insights into industrial automation tools and techniques.

Key Outcomes: The training workshop aimed to benefit industries in Kolhapur, professionals working in the industrial sector, and budding engineers by enhancing their expertise in areas like Industry 4.0, Smart Factory, and Smart Lab. Faculty members were empowered with advanced skills that would help them deliver better educational experiences and technical training to students.

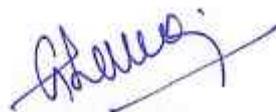
Inauguration and Keynote Address: The workshop was inaugurated by Principal Dr. Ajay Deshmukh, who, in his address, emphasized the importance of such training programs in keeping faculty updated with emerging technologies. He highlighted that the advanced technical knowledge imparted during the workshop would ultimately help students receive superior training, positively impacting their career growth.

Coordination and Management: The successful execution of the STTP was made possible by the coordinated efforts of the following faculty members:

- Prof. P. B. Ghewari (Vice Principal)
- Prof. V. K. Thombre (Dean, Research and Development)
- Prof. S. V. Dafade (PLC Coordinator)
- Prof. S. A. Bhosale (IIOT Coordinator)



Dr. V. K. Thombre
Dean R&D



Prof. P. B. Ghewari
Vice Principle



Dr. A. V. Deshmukh
Director





Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)
 NAAC "A" Grade Accredited with CGPA 3.08 NBA Accredited Programs*



Research and Development Cell
Organizes
 One Week Short Term Training Program on
**"ADVANCED INDUSTRIAL
 AUTOMATION WITH PLC & IIOT"**



Mr. Mohan Patel
 Industry Consultant
 Surat, Gujrat



Prof. Himanshu Rakholiya
 Manager CDIAC, SSASIT
 Surat, Gujrat



**3rd JUNE 2024 To
 7th JUNE 2024**



**09 : 15 AM To
 04 : 00 PM**

Prof. S. V. Dafade
 STTP Coordinator (PLC)

Prof. S. A. Bhosale
 STTP Coordinator (IIOT)

Dr. V. K. Thombare
 Dean R & D

Prof. P. B. Ghewari
 Vice Principal

Dr. A. V. Deshmukh
 Director

ASHOKRAO MANE GROUP

ENGINEERING PHARMACY BAMS MBA B.ED POLYTECHNIC ITI

www.amgkolhapur.com



Handwritten signatures and notes:
 S. V. K. Thombare
 P. B. Ghewari



INVITATION



Shri Balasaheb Mane Shikshan Prasarak Mandal's

Ashokrao Mane Group of Institutions

Faculty of Engineering & Management Studies, Vathar tarf Vadgaon

We are cordially inviting you for Inaugural function of **Short Term Training Program**

On

“Advanced Industrial Automation with PLC & IIOT”

**Organized by
Research & Development Cell**

Chief Guest

**Mr. Mohan Patel
Industry Consultant,
Surat, Gujarat**

**Prof. Himanshu Rakholiya
Manager CDIAC, SSASIT
Surat, Gujarat**

Invitees

**Prof. S. V. Dafade
STTP Coordinator (PLC)**

**Prof. S. A. Bhosale
STTP Coordinator (IIOT)**

**Dr. V. K. Thombare
Dean R&D**

**Prof. P. B. Ghewari
Vice-Principal**

**Dr. A. V. Deshmukh
Director**

Wednesday, 3rd June 2024

Venue & Time – Seminar Hall, AMGOI, Vathar – 9:30 A.M.





Short Term Training Program (STTP)
on
"Advanced Industrial Automation with PLC & IIOT"
03rd June 2024 – 07th June 2024
Organized by
Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR



Schedule

Sr.	Date	Time	Resource Person	Topic
1	Wed 05-06-24	9:15 - 10:00	Inauguration	
		10:00 - 11:15	Prof. Himanshu Rakholia	Theory session: ➤ Introduction & Application of Arduino board. ➤ Different types of sensor, switches ➤ Selection and configuration of hardware and software.
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Prof. Himanshu Rakholia	Theory session: ➤ Various communication Protocol supported by different Arduino ➤ Industrial Need
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Prof. Himanshu Rakholia	Simulation & Hands on Session: ➤ Introduction to Linux, Linux Command ➤ Introduction of programming (Structure, Variables & Functions) ➤ Basic concept of electronic hardware & its interfacing ➤ Introduction of Tinker CAD
2	Thurs 06-06-24	09:15 - 11:15	Prof. Himanshu Rakholia	Theory session: ➤ Compiler ,Compilation stages, Types of error
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Prof. Himanshu Raholiya	Simulation & Hands on Session: ➤ Interfacing with LED, ➤ Switches, PWM, Stepper & DC Motor Control
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Prof. Himanshu Rakholia	Simulation & Hands on Session: ➤ Serial Communication Protocol (USART) ➤ Interfacing with Analog Sensor (Potentiometer, Temperature Sensor LM35) ➤ 4 bit & 8 bit mode of LCD ,GSM/Bluetooth
3	Fri 07-06-24	9:15 - 11:15	Prof. Himanshu Rakholia	Theory session: ➤ IoT Devices ➤ Raspberry Pi ➤ Python Programming
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Prof. Himanshu Rakholia	Simulation & Hands on Session: ➤ Interfacing with Keypad, DC Motor ➤ Distance measurement using Ultrasonic Sensor Device control using Android application (Bluetooth Technology)
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Prof. Himanshu Rakholia	Simulation & Hands on Session: ➤ Access control system using RFID ➤ Device control using IR remote, Device control using voice control Android application (Bluetooth Technology) Question and Answer





Short Term Training Program (STTP)
on
"Advanced Industrial Automation with PLC & IOT"
03rd June 2024 – 07th June 2024
Organized by
Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR



Schedule

Sr.	Date	Time	Resource Person	Topic
1	Wed 05-06-24	9:15 - 10:00	Inauguration	
		10:00 - 11:15	Mr. Mohan Patel	Basics of Engineering: <ul style="list-style-type: none"> ➤ Electrical, Electronics, Mechanical Engineering, Analogy between different disciplines, ➤ Existence and applications of an automation in real life and industry, ➤ Different Automaton Tools, PLC, HMI, Drives, IOT, SCADA
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Mr. Mohan Patel	PLC : <ul style="list-style-type: none"> ➤ PLC program development, ➤ Test and practice for different applications ➤ Different PLC programming languages, ➤ Study of PLC setups from different company.
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Mr. Mohan Patel	SCADA: <ul style="list-style-type: none"> ➤ Development of GUI for different applications. ➤ Different Tools in SCADA development.
2	Thurs 06-06-24	09:15 - 11:15	Mr. Mohan Patel	HMI: <ul style="list-style-type: none"> ➤ Programming and interfacing of HMI with PLC.
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Mr. Mohan Patel	Wiring and Testing: <ul style="list-style-type: none"> ➤ Interfacing of Different sensors, Switches, Relays, Motors with PLC.
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Mr. Mohan Patel	Industrial Drives and Communication: <ul style="list-style-type: none"> ➤ Interfacing and Communication of Industrial Drives with PLC ➤ Control panel design.
3	Fri 07-06-24	9:15 - 11:15	Mr. Mohan Patel	Application of IOT : <ul style="list-style-type: none"> ➤ Data Collection ➤ Analysis and remote operation of different applications
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Mr. Mohan Patel	<ul style="list-style-type: none"> ➤ Development of program, ➤ Interfacing of different IOT Devices with different setups, in Electrical Engineering and Electronics (RLC circuit, Motor Drive)
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Mr. Mohan Patel	Remote operation, Monitoring and control of setups using IOT in Mechanical Engineering. Question and Answer.



Date: 21/05/2024

To,
The Director,
AMGOI, Vathar.

Through:- Vice Principal AMGOI, Vathar

FDP.

Subject:- Regarding one week faculty development program on PLC & IOT. (for 40 staff)

Respected sir,

As per our discussion we are planning to organise one week faculty development program on "PLC & IoT". This training will be helpful to establish proposed centre of excellence of PLC in our campus.

The Resource person for this program will be Mr. Mohan Patel and Mr. Himanshu Rakholiya from Gujrat. Tentative expenses against Travelling, Stay and Food arrangement for two resource persons is approximate Rs. 20,000/-. The quotation and schedule of this program is attached herewith, kindly permit us to conduct this activity and also sanction the amount.

25,000/-

Scheduled date - 1st week of June 2024

Thanking you.

Your's faithfully,


Prof. S.V. Patil

PLC Coordinator



IOT Coordinator

Prof. S.A. Bhosale



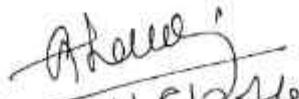
Program Coordinator

To
A/C

forwarded to Sonatha H.O.
for kind sanction.






21/5/2024


21/5/24

ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)

Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org

Approved by : AICTE, New Delhi No. F.No. MS (Newint) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by NAAC with 'A' Grade CGPA 3.08



Estd 2009

Founder President

Late Shri. Ashokrao Mane

Director

Dr. A. V. Deshmukh, M.E., Ph.D.

President

Hon. Shri. Vijaysinh A. Mane

Ref. No. :

Date : 31/05/2024

To
Mr. Mohan Patel
Industry Consultant,
Surat, Gujarat

Subject: Invitation as Resource Person for STTP from 03rd June 2024 to 07th June 2024.

Dear Sir,

It is our immense pleasure to inform you that Shri Balasaheb Mane Shikshan Prasarak Mandal's Ashokrao Mane Group of Institutions (AMGOI), Vathar, Kolhapur & Research and Development Cell is organizing a Short Term Training Program (STTP) on, "Advanced Industrial Automation with PLC & IIOT" during 03rd June 2024 to 07th June 2024 for the benefit of all the teaching faculty from our Institute.

The objective of this training is to train faculty on fundamental concepts and conceptual as well as practical knowledge of industrial automation and control systems. It will also focus on the significance and application of automation and control technologies in manufacturing industries. Moreover, it will focus on the latest developments like Artificial Intelligence, Machine Learning, IoT etc. which are changing role of automation and control.

We wish to invite you as a Resource Person for the STTP.

We request you to please accept our invitation and grace the occasion with your kind presence.

Thanking you,

Yours Sincerely,

Dr. V. K. Thombare
Dean R & D,
AMGOI, Vathar

Prof. P. B. Ghewari
Vice Principal,
AMGOI, Vathar



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)

Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org

Approved by : AICTE, New Delhi No. F-No. MS (New Int) 2009 / 08; Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by HAAC with 'A' Grade CGPA 3.08



Estd 2009

Founder President

Late Shri. Ashokrao Mane

Director

Dr. A. V. Deshmukh, M.E., Ph.D.

President

Hon. Shri. Vijaysinh A. Mane

Ref. No. :

Date : 31/05/2024

To,
Prof. Himanshu Rakholiya
Manager CDIAC, SSASIT
Surat, Gujarat.

Subject: Invitation as Resource Person for STTP from 03rd June 2024 to 07th June 2024.

Dear Sir,

It is our immense pleasure to inform you that Shri Balasaheb Mane Shikshan Prasarak Mandal's Ashokrao Mane Group of Institutions (AMGOI), Vathar, Kolhapur & Research and Development Cell is organizing a Short Term Training Program (STTP) on, "Advanced Industrial Automation with PLC & IIOT" during 03rd June 2024 to 07th June 2024 for the benefit of all the teaching faculty from our Institute.

The objective of this training is to train faculty on fundamental concepts and conceptual as well as practical knowledge of industrial automation and control systems. It will also focus on the significance and application of automation and control technologies in manufacturing industries. Moreover, it will focus on the latest developments like Artificial Intelligence, Machine Learning, IoT etc. which are changing role of automation and control.

We wish to invite you as a Resource Person for the STTP.

We request you to please accept our invitation and grace the occasion with your kind presence.

Thanking you,

Yours Sincerely,

Dr. V. K. Thombare
Dean R & D,
AMGOI, Vathar

Prof. P. B. Ghewari
Vice Principal,
AMGOI, Vathar



ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)

Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org

Approved by : AICTE, New Delhi No. F-No. MS (NewInt) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by NAAC with 'A' Grade CGPA 3.08



Estd 2009

Founder President

Late Shri. Ashokrao Mane

Director

Dr. A. V. Deshmukh, M.E., Ph.D.

President

Hon. Shri. Vijaysinh A. Mane

Ref. No. :

Date : 07/06/2024

To,

Mr. Mohan Patel,
Industry Consultant,
Surat, Gujarat

Subject- Gratitude for your contribution to our STTP.

Respected Sir,

We would like to express our sincere thanks for accepting our invitation as an esteemed resource person to conduct sessions in One Week Short Term Training Program (STTP) on "Advanced Industrial Automation with PLC & H0T" organized by Research and Development cell over a time on 3rd Jun 2024 to 7th Jun 2024 at AMGOI Vathar. Thank you for delivering sessions on PLC during the period. Your lectures and hands-on sessions were incredibly well-received by the participants. Your depth of knowledge and practical insights significantly enriched the learning experience and provided a solid foundation in PLC applications and technologies. We hope to have the pleasure of working with you again in future initiatives. Your continued support and collaboration are highly valued.

Thank you,

Dr. V. K. Thombare
Dean R&D

Prof. P. B. Ghewari
Vice Principal



3699

DTE Institute Code: 6217

Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)

Phone : (0230) 2407740, 2407760 Fax : (0230) 2407750 Email : director@amgoi.edu.in Website : www.amgoi.org

Approved by : AICTE, New Delhi No. F.No. MS (Newint) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. Affiliated to : Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).



Estd 2009

Accredited by NAAC with 'A' Grade CGPA 3.08

Founder President
Late Shri. Ashokrao Mane

Director
Dr. A. V. Deshmukh, M.E., Ph.D.

President
Hon. Shri. Vijaysinh A. Mane

Date: 07/06/2024

Ref. No. :

To,

Prof. Himanshu Rakholiya
 Manager CDIAC, SSASIT
 Surat, Gujrat.

Subject- Gratitude for your contribution to our STTP.

Respected Sir,

We would like to express our sincere thanks for accepting our invitation as an esteemed resource person to conduct sessions in One Week Short Term Training Program (STTP) on "Advanced Industrial Automation with PLC & IIOT" organized by Research and Development cell over a time on 3rd Jun 2024 to 7th Jun 2024 at AMGOI Vathar. Thank you for delivering sessions on IIOT during the period. Your lectures and hands-on sessions were incredibly well-received by the participants. Your depth of knowledge and practical insights significantly enriched the learning experience and provided a solid foundation in PLC applications and technologies. We hope to have the pleasure of working with you again in future initiatives. Your continued support and collaboration are highly valued.

Thank you,

Dr. V. K. Thombare
 Dean R&D

Prof. P. B. Ghewari
 Vice Principal





Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IOT"



Date-05/06/2024

To/b

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	/Prof. Dr. V. K. Thombare	Electrical Engg.	[Signature]	[Signature]
2	Prof. S. V. Dafade	Mechanical Engg.	[Signature]	[Signature]
3	Prof. M. A. Sutar	Mechanical Engg.	[Signature]	[Signature]
4	Prof. P. S. Ladgaonkar	Mechanical Engg.	[Signature]	[Signature]
5	Prof. A. G. Sanadi	Mechanical Engg.	[Signature]	[Signature]
6	Prof. A. B. Rabade	Mechanical Engg.	[Signature]	[Signature]
7	Prof. S. S. Petkar	Mechanical Engg.	[Signature]	[Signature]
8	Prof. Dr. S. V. Vanmore	E & TC Engg.	[Signature]	[Signature]
9	/Prof. S. V. Sagavkar	E & TC Engg.	[Signature]	[Signature]
10	/Prof. S. H. Shete	Electrical Engg.	[Signature]	[Signature]
11	Prof. Dr. C. R. Dongarsane	Electrical Engg.	[Signature]	[Signature]
12	Prof. A. V. Kumbhar	Electrical Engg.	[Signature]	[Signature]
13	Prof. D. S. Patil	Electrical Engg.	[Signature]	[Signature]
14	/Prof. S. R. Patil	Comp. Sci. & Engg.	[Signature]	[Signature]
15	/Prof. V. D. Desai	Comp. Sci. & Engg.	[Signature]	[Signature]
16	Prof. S. J. Vibhute	Comp. Sci. & Engg.	[Signature]	[Signature]
17	/Prof. P. P. Nagarale	Comp. Sci. & Engg.	[Signature]	[Signature]
18	Prof. Dr. J. M. Shinde	Civil Engg.	[Signature]	[Signature]
19	Prof. G. N. Chavanpatil	Civil Engg.	[Signature]	[Signature]
20	Prof. D. G. Patil	Civil Engg.	[Signature]	[Signature]
21	Prof. S. A. Dopare	Civil Engg.	[Signature]	[Signature]
22	Mr. A. D. Kumbhar	Mechanical Engg.	[Signature]	[Signature]
23	Prof. S. A. Bhosale	E & TC Engg.	[Signature]	[Signature]
24	/Prof. S. S. Patil	E & TC Engg.	[Signature]	[Signature]
25	/Prof. D. M. Mali	E & TC Engg.	[Signature]	[Signature]
30	Prof. R. A. Pasale	App. Sci.	[Signature]	[Signature]
31	Prof. S. S. Redekar	Comp. Sci. & Engg.	[Signature]	[Signature]
32	Prof. S. S. Kibile	Comp. Sci. & Engg.	[Signature]	[Signature]
33	Prof. A. B. Desai	Comp. Sci. & Engg.	[Signature]	[Signature]
34	/Prof. P. G. Chavan	Comp. Sci. & Engg.	[Signature]	[Signature]
35	/Prof. S. A. Shankardas	Electrical Engg.	[Signature]	[Signature]
36	/Prof. V. Y. Powar	Electrical Engg.	[Signature]	[Signature]
37	Mr. R. P. Satape	E & TC Engg.	[Signature]	[Signature]

38 Dr. H. V. Shete
 [Signature]
Dr. V. K. Thombre
 Dean R&D

[Signature]
Prof. P. B. Ghewari
 Vice Principle

(Dr. Ajay [Signature])
 DIRECTOR
Dr. A. V. Deshmukh
 Director
 SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S
 ASHOKRAO MANE GROUP OF INSTITUTIONS
 Vathar Tal. Vadgaon, Tal. Hatkanangale
 Dist. Kolhapur - M.S. 416112



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IOT"



Date-03/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	/Prof. Dr. V. K. Thombare	Electrical Engg.		
2	Prof. S. V. Dafade	Mechanical Engg.		
3	Prof. M. A. Sutar	Mechanical Engg.		
4	Prof. P. S. Ladgaonkar	Mechanical Engg.		
5	Prof. A. G. Sanadi	Mechanical Engg.		
6	Prof. A. B. Rabade	Mechanical Engg.		
7	Prof. S. S. Petkar	Mechanical Engg.		
8	Prof. Dr. S. V. Vanmore	E & TC Engg.		
9	/Prof. S. V. Sagavkar	E & TC Engg.		
10	/Prof. S. H. Shete	Electrical Engg.		
11	Prof. Dr. C. R. Dongarsane	Electrical Engg.		
12	Prof. A. V. Kumbhar	Electrical Engg.		
13	Prof. D. S. Patil	Electrical Engg.		
14	/Prof. S. R. Patil	Comp. Sci. &Engg.		
15	/Prof. V. D. Desai	Comp. Sci. &Engg.		
16	Prof. S. J. Vibhute	Comp. Sci. &Engg.		
17	/Prof. P. P. Nagarale	Comp. Sci. &Engg.		
18	Prof. Dr. J. M. Shinde	Civil Engg.		
19	Prof. G. N. Chavanpatil	Civil Engg.		
20	Prof. D. G. Patil	Civil Engg.		
21	Prof. S. A. Dopare	Civil Engg.		
22	Mr. A. D. Kumbhar	Mechanical Engg.		
23	Dr. H. V. shete	Mechanical Engg.		

Dr. V. K. Thombare
Dean R&D

Prof. P. B. Ghewari
Vice Principle

(Dr. Ajay V. Deshmukh)
DIRECTOR
SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL
ASHOKRAO MANE GROUP OF INSTITUTIONS
Vathar Tarf Vengadur, Tal. Markan, Dist. Kolhapur
Dr. A. V. Deshmukh
Director



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IIOT"



Date-04/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	/Prof. Dr. V. K. Thombare	Electrical Engg.		
2	Prof. S. V. Dafade	Mechanical Engg.		
3	Prof. M. A. Sutar	Mechanical Engg.		
4	Prof. P. S. Ladgaonkar	Mechanical Engg.		
5	Prof. A. G. Sanadi	Mechanical Engg.		
6	Prof. A. B. Rabade	Mechanical Engg.		
7	Prof. S. S. Petkar	Mechanical Engg.		
8	Prof. Dr. S. V. Vanmore	E & TC Engg.		
9	/Prof. S. V. Sagavkar	E & TC Engg.		
10	/Prof. S. H. Shete	Electrical Engg.		
11	Prof. Dr. C. R. Dongarsane	Electrical Engg.		
12	Prof. A. V. Kumbhar	Electrical Engg.		
13	Prof. D. S. Patil	Electrical Engg.		
14	/Prof. S. R. Patil	Comp. Sci. &Engg.		
15	/Prof. V. D. Desai	Comp. Sci. &Engg.		
16	Prof. S. J. Vibhute	Comp. Sci. &Engg.		
17	/Prof. P. P. Nagarale	Comp. Sci. &Engg.		
18	Prof. Dr. J. M. Shinde	Civil Engg.		
19	Prof. G. N. Chavanpatil	Civil Engg.		
20	Prof. D. G. Patil	Civil Engg.		
21	Prof. S. A. Dopare	Civil Engg.		
22	Mr. A. D. Kumbhar	Mechanical Engg.		
23	Dr. H. V. Shete			

Dr. V. K. Thombare
Dean R&D

Prof. P. B. Ghewari
Vice Principle

Dr. A. V. Deshmukh
Director



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IOT"



Date-5/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	/Prof. Dr. V. K. Thombare	Electrical Engg.		
2	Prof. S. V. Dafade	Mechanical Engg.		
3	Prof. M. A. Sutar	Mechanical Engg.		
4	Prof. P. S. Ladgaonkar	Mechanical Engg.		
5	Prof. A. G. Sanadi	Mechanical Engg.		
6	Prof. A. B. Rabade	Mechanical Engg.		
7	Prof. S. S. Petkar	Mechanical Engg.		
8	Prof. Dr. S. V. Vanmore	E & TC Engg.		
9	/Prof. S. V. Sagavkar	E & TC Engg.		
10	/Prof. S. H. Shete	Electrical Engg.		
11	Prof. Dr. C. R. Dongarsane	Electrical Engg.		
12	Prof. A. V. Kumbhar	Electrical Engg.		
13	Prof. D. S. Patil	Electrical Engg.		
14	/Prof. S. R. Patil	Comp. Sci. &Engg.		
15	/Prof. V. D. Desai	Comp. Sci. &Engg.		
16	Prof. S. J. Vibhute	Comp. Sci. &Engg.		
17	/Prof. P. P. Nagarale	Comp. Sci. &Engg.		
18	Prof. Dr. J. M. Shinde	Civil Engg.		
19	Prof. G. N. Chavanpatil	Civil Engg.		
20	Prof. D. G. Patil	Civil Engg.		
21	Prof. S. A. Dopare	Civil Engg.		
22	Mr. A. D. Kumbhar	Mechanical Engg.		
23	Dr. H. V. Shete			

Dr. V. K. Thombare
Dean R&D

Prof. P. B. Ghewari
Vice Principle

Dr. A. V. Deshmukh
Director



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IOT"



Date-6/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	/Prof. Dr. V. K. Thombare	Electrical Engg.		
2	Prof. S. V. Dafade	Mechanical Engg.		
3	Prof. M. A. Sutar	Mechanical Engg.		
4	Prof. P. S. Ladgaonkar	Mechanical Engg.		
5	Prof. A. G. Sanadi	Mechanical Engg.		
6	Prof. A. B. Rabade	Mechanical Engg.		
7	Prof. S. S. Petkar	Mechanical Engg.		
8	Prof. Dr. S. V. Vanmore	E & TC Engg.		
9	/Prof. S. V. Sagavkar	E & TC Engg.		
10	/Prof. S. H. Shete	Electrical Engg.		
11	Prof. Dr. C. R. Dongarsane	Electrical Engg.		
12	Prof. A. V. Kumbhar	Electrical Engg.		
13	Prof. D. S. Patil	Electrical Engg.		
14	/Prof. S. R. Patil	Comp. Sci. &Engg.		
15	/Prof. V. D. Desai	Comp. Sci. &Engg.		
16	Prof. S. J. Vibhute	Comp. Sci. &Engg.		
17	/Prof. P. P. Nagarale	Comp. Sci. &Engg.		
18	Prof. Dr. J. M. Shinde	Civil Engg.		
19	Prof. G. N. Chavanpatil	Civil Engg.		
20	Prof. D. G. Patil	Civil Engg.		
21	Prof. S. A. Dopare	Civil Engg.		
22	Mr. A. D. Kumbhar	Mechanical Engg.		
23	Dr. S. V. Shete			

Dr. V. K. Thombare
Dean R&D

Prof. P. B. Ghewari
Vice Principle

Dr. A. V. Deshmukh
Director



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IOT"



Date- 7/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	/Prof. Dr. V. K. Thombare	Electrical Engg.		
2	Prof. S. V. Dafade	Mechanical Engg.		
3	Prof. M. A. Sutar	Mechanical Engg.		
4	Prof. P. S. Ladgaonkar	Mechanical Engg.		
5	Prof. A. G. Sanadi	Mechanical Engg.		
6	Prof. A. B. Rabade	Mechanical Engg.		
7	Prof. S. S. Petkar	Mechanical Engg.		
8	Prof. Dr. S. V. Vanmore	E & TC Engg.		
9	/Prof. S. V. Sagavkar	E & TC Engg.		
10	/Prof. S. H. Shete	Electrical Engg.		
11	Prof. Dr. C. R. Dongarsane	Electrical Engg.		
12	Prof. A. V. Kumbhar	Electrical Engg.		
13	Prof. D. S. Patil	Electrical Engg.		
14	/Prof. S. R. Patil	Comp. Sci. &Engg.		
15	/Prof. V. D. Desai	Comp. Sci. &Engg.		
16	Prof. S. J. Vibhute	Comp. Sci. &Engg.		
17	/Prof. P. P. Nagarale	Comp. Sci. &Engg.		
18	Prof. Dr. J. M. Shinde	Civil Engg.		
19	Prof. G. N. Chavanpatil	Civil Engg.		
20	Prof. D. G. Patil	Civil Engg.		
21	Prof. S. A. Dopare	Civil Engg.		
22	Mr. A. D. Kumbhar	Mechanical Engg.		
23	Dr. H. V. Shete			

Dr. V. K. Thombare
Dean R&D

Prof. P. B. Ghewari
Vice Principle

Dr. A. V. Deshmukh
Director



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IIOT"



Date-03/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	Prof. S. A. Bhosale	E & TC Engg.		
2	/Prof. S. S. Patil	E & TC Engg.		
3	/Prof. D. M. Mali	E & TC Engg.		
4	Prof. R. A. Pasale	App. Sci.		
5	Prof. S. S. Redekar	Comp. Sci. & Engg.		
6	Prof. S. S. Kibile	Comp. Sci. & Engg.		
7	Prof. A. B. Desai	Comp. Sci. & Engg.		
8	/Prof. P. G. Chavan	Comp. Sci. & Engg.		
9	/Prof. S. A. Shankardas	Electrical Engg.		
10	/Prof. V. Y. Powar	Electrical Engg.		
11	Mr. R. P. Satape	E & TC Engg.		
12	Siddhi Mahesh Sutar	E & TC Engg.		
13	Somesh ganesg Varute	E & TC Engg.		
14	Sunny Nivrutti Kumbhar	E & TC Engg.		
15	Namrata Prakash Parmaj	E & TC Engg.		
16	Prathmesh Krushnat Patil	E & TC Engg.		
17	Rohit Vittal Ghule	E & TC Engg.		
18	Sourav Shankar Shinde	E & TC Engg.		
19	Mrunali Vipinkumar Barge	Electrical Engg.		
20	Aditya Patil	Electrical Engg.		
21	Pradnya Nagasale	comp. sci. & engg		
22	Saminda J. Vibhute	comp. sci. & engg.		
23	Harshad M. Bhosale	Civil		
24	Prof. A.K. Patil	Mech.		
25	Prof. D. E. Pahl	Mech		
26	ms. R. S. Pulkale	EE		
27	Prof. J. A. Patil	Civil		



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IOT"



Date: 04/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	Prof. S. A. Bhosale	E & TC Engg.		
2	/Prof. S. S. Patil	E & TC Engg.		
3	/Prof. D. M. Mali	E & TC Engg.		
4	Prof. R. A. Pasale	App. Sci.		
5	Prof. S. S. Redekar	Comp. Sci. & Engg.		
6	Prof. S. S. Kibile	Comp. Sci. & Engg.		
7	Prof. A. B. Desai	Comp. Sci. & Engg.		
8	/Prof. P. G. Chavan	Comp. Sci. & Engg.		
9	/Prof. S. A. Shankardas	Electrical Engg.		
10	/Prof. V. Y. Powar	Electrical Engg.		
11	Mr. R. P. Satape	E & TC Engg.		
12	Siddhi Mahesh Sutar	E & TC Engg.		
13	Somesh ganesg Varute	E & TC Engg.		
14	Sunny Nivrutti Kumbhar	E & TC Engg.		
15	Namrata Prakash Parmaj	E & TC Engg.		
16	Prathmesh Krushnat Patil	E & TC Engg.		
17	Rohit Vittal Ghule	E & TC Engg.		
18	Sourav Shankar Shinde	E & TC Engg.		
19	Mrunali Vipinkumar Barge	Electrical Engg.		
20	Aditya Patil	Electrical Engg.		
21	Pradnya P. Nagasale	comp. Sci. & Engg.		
22	Jamindar Vibhute	comp. Sci. & Engg.		
23	Harshad M. Bhosale	Civil		
24	Prof. A. K. Patil	Mech. Engg.		
25	Prof. D. E. Patil	Mech.		
26	Mr. P. S. Purbale	EE		
27	Prof. J. A. Patil	Civil		



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IOT"



Date-05/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	Prof. S. A. Bhosale	E & TC Engg.		
2	/Prof. S. S. Patil	E & TC Engg.		
3	/Prof. D. M. Mali	E & TC Engg.		
4	Prof. R. A. Pasale	App. Sci.		
5	Prof. S. S. Redekar	Comp. Sci. & Engg.		
6	Prof. S. S. Kibile	Comp. Sci. & Engg.		
7	Prof. A. B. Desai	Comp. Sci. & Engg.		
8	/Prof. P. G. Chavan	Comp. Sci. & Engg.		
9	/Prof. S. A. Shankardas	Electrical Engg.		
10	/Prof. V. Y. Powar	Electrical Engg.		
11	Mr. R. P. Satape	E & TC Engg.		
12	Siddhi Mahesh Sutar	E & TC Engg.		
13	Somesh ganesg Varute	E & TC Engg.		
14	Sunny Nivrutti Kumbhar	E & TC Engg.		
15	Namrata Prakash Parmaj	E & TC Engg.		
16	Prathmesh Krushnat Patil	E & TC Engg.		
17	Rohit Vittal Ghule	E & TC Engg.		
18	Sourav Shankar Shinde	E & TC Engg.		
19	Mrunali Vipinkumar Barge	Electrical Engg.		
20	Aditya Patil	Electrical Engg.		
21	Pradnya P Nagarkar	Comp. Sci. & Engg		
22	Samindaar vibhute	comp. sci. & engg.		
23	Harshad M. Bhosale	Civil		
24	Prof - A.K. Patil	Mech. Engg.		
25	Prof. D. E. Patil	Mech		
26	Prof. R. S. Patil	EL		
27	Prof. J. A. Patil	Civil		



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IOT"



Date-06/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	Prof. S. A. Bhosale	E & TC Engg.		
2	/Prof. S. S. Patil	E & TC Engg.		
3	/Prof. D. M. Mali	E & TC Engg.		
4	Prof. R. A. Pasale	App. Sci.		
5	Prof. S. S. Redekar	Comp. Sci. & Engg.		
6	Prof. S. S. Kibile	Comp. Sci. & Engg.		
7	Prof. A. B. Desai	Comp. Sci. & Engg.		
8	/Prof. P. G. Chavan	Comp. Sci. & Engg.		
9	/Prof. S. A. Shankardas	Electrical Engg.		
10	/Prof. V. Y. Powar	Electrical Engg.		
11	Mr. R. P. Satape	E & TC Engg.		
12	Siddhi Mahesh Sutar	E & TC Engg.		
13	Somesh ganesg Varute	E & TC Engg.		
14	Sunny Nivrutti Kumbhar	E & TC Engg.		
15	Namrata Prakash Parmaj	E & TC Engg.		
16	Prathmesh Krushnat Patil	E & TC Engg.		
17	Rohit Vittal Ghule	E & TC Engg.		
18	Sourav Shankar Shinde	E & TC Engg.		
19	Mrunali Vipinkumar Barge	Electrical Engg.		
20	Aditya Patil	Electrical Engg.		
21	Pradnya Nagarkar	Comp. Sci. & Engg.		
22	Samindaas Vibhute	Comp. Sci. & Engg.		
23	Harshad M. Bhosale	Civil		
24	Prof. A. K. Patil	Mech. Engg.		
25	Prof. D. E. Patil	Mech.		
26	Prof. J. A. Patil	Civil		



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
"Advanced Industrial Automation with PLC & IIOT"



Date-07/06/2024

Sr.No	Name of faculty	Name of the Department	Sign	
			Morning	Afternoon
1	Prof. S. A. Bhosale	E & TC Engg.		
2	/Prof. S. S. Patil	E & TC Engg.		
3	/Prof. D. M. Mali	E & TC Engg.		
4	Prof. R. A. Pasale	App. Sci.		
5	Prof. S. S. Redekar	Comp. Sci. & Engg.		
6	Prof. S. S. Kibile	Comp. Sci. & Engg.		
7	Prof. A. B. Desai	Comp. Sci. & Engg.		
8	/Prof. P. G. Chavan	Comp. Sci. & Engg.		
9	/Prof. S. A. Shankardas	Electrical Engg.		
10	/Prof. V. Y. Powar	Electrical Engg.		
11	Mr. R. P. Satape	E & TC Engg.		
12	Siddhi Mahesh Sutar	E & TC Engg.		
13	Somesh ganesg Varute	E & TC Engg.		
14	Sunny Nivrutti Kumbhar	E & TC Engg.		
15	Namrata Prakash Parmaj	E & TC Engg.		
16	Prathmesh Krushnat Patil	E & TC Engg.		
17	Rohit Vittal Ghule	E & TC Engg.		
18	Sourav Shankar Shinde	E & TC Engg.		
19	Mrunali Vipinkumar Barge	Electrical Engg.		
20	Aditya Patil	Electrical Engg.		
21	Prof J. A. Patil	Civil Engg.		
22	H. M. Bhosale			
23	.D. E. Patil	Mechanical		
24	Prof. A. K. Patil	Mechanical Engg		

Principal

Feedback Form of "Advanced Industrial Automation with PLC and IIOT"

* Indicates required question

1. Email *

2. Name of Participant *

3. Department *

Mark only one oval.

- Civil
- CSE
- E&TC
- Mechanical
- Electrical
- FY



5. Technical Aspects *

Mark only one oval per row.

	STRONGLY AGREE	AGREE	NEUTRAL	DISAGREE	STRONGLY DISAGREE
Gained appropriate Knowledge	<input type="radio"/>				
Able to Interface IOT device	<input type="radio"/>				
Able to Program PLC/Arduino	<input type="radio"/>				



Feedback Form of "Advanced Industrial Automation with PLC and IIOT"

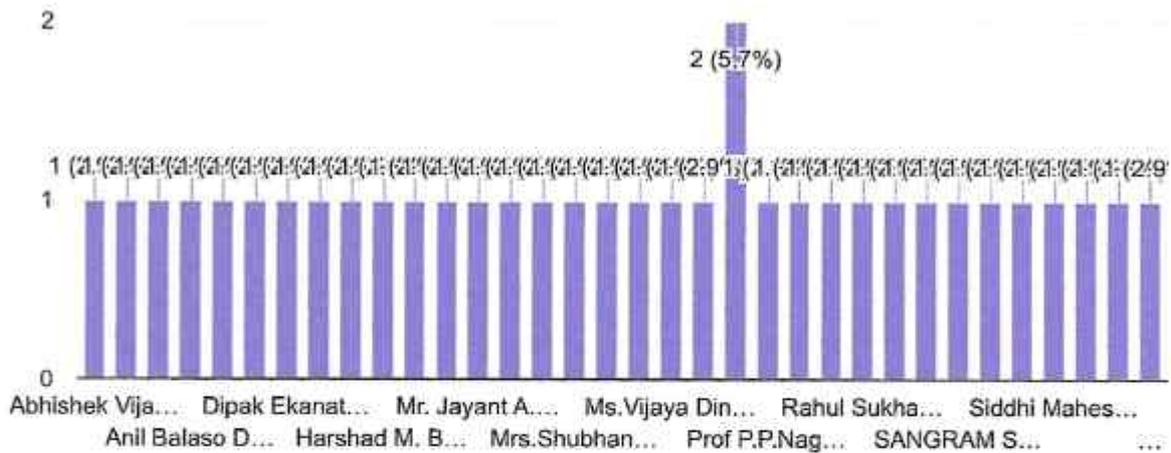
35 responses

[Publish analytics](#)

Name of Participant

[Copy](#)

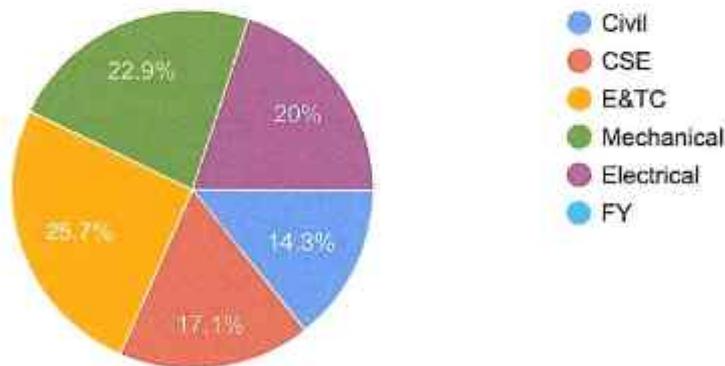
35 responses



Department

[Copy](#)

35 responses



What topics would you have liked to have spent more time on?

29 responses

Yes

Arduino

IIOT

Arduino uno

Hands on with PLC programming and drives interface

PLC PROGRAMMING

Program Display on TV

Ladder logic

Ladder Programming

PLC

PLC programming

More real timeexamples

Raspberry pi

Raspberry pi

Arduino programming basics

Raspberry Pi

Working on Arduino

Electronic device and coding software

I would like to spend more time on the Raspberry Pi. The sessions we had were extremely valuable, but I feel that additional time focused on this aspect would greatly enhance the learning experience. It would be beneficial to have more in-depth projects and extended practical sessions with Raspberry Pi in future training programs.

Arduino & Raspberry pi

IoT

IOT

Raspberry Pi and programming

Node mcu



Hardware

Not necessarily

Do you have any suggestions for future Training Sessions that you would like us to organize?

26 responses

No

Atlist 5 day workshop

Yes ,need 15 days training with industry exposure

Advance PLC

More focus on day to day problems.

None

AI

In detail training about PLC

IoT using Raspberry pi

Arrange such trainings to enhance knowledge of faculty

Na

Advanced iot

Training related to civil applications with iiot

Organize more training

-

IoT

IoT & rasperry pi

I would like to join the training session on Raspberry pi

Organise more programs like this program programming in arduino and rasperry Pi
programming in arduino and rasperry Pi

Yes we want 1 week training sessions for rasperry pi

Best workshop ever.

Nice



What new skills have you learnt from the event that you think you will be able to put into practice?

21 responses

Yes

PLC programming but need software

PLC Ladder Programming and Interfacing for real time project instead of models.

All skills

Plc

How to connect device with programming

Programming

-

PLC automation

Na

Generation of any new Arduino based project with different sensor

Aurdino

Knowledge about various electronic devices

Coding and simulating project

The training covered a wide range of IoT topics, including sensors, connectivity, and data processing, which were highly relevant.

IoT

IoT and ARDUINO basics

Arduino Programing

Programming in arduino and raspberry Pi

Esp32, raspberry pi

Overall all practices are excellent



Any Other Suggestions:

16 responses

No

-

Nice session

None

Good all sessions

Nice Session

NO

Na

no suggestions

In future this training are helpful for me.

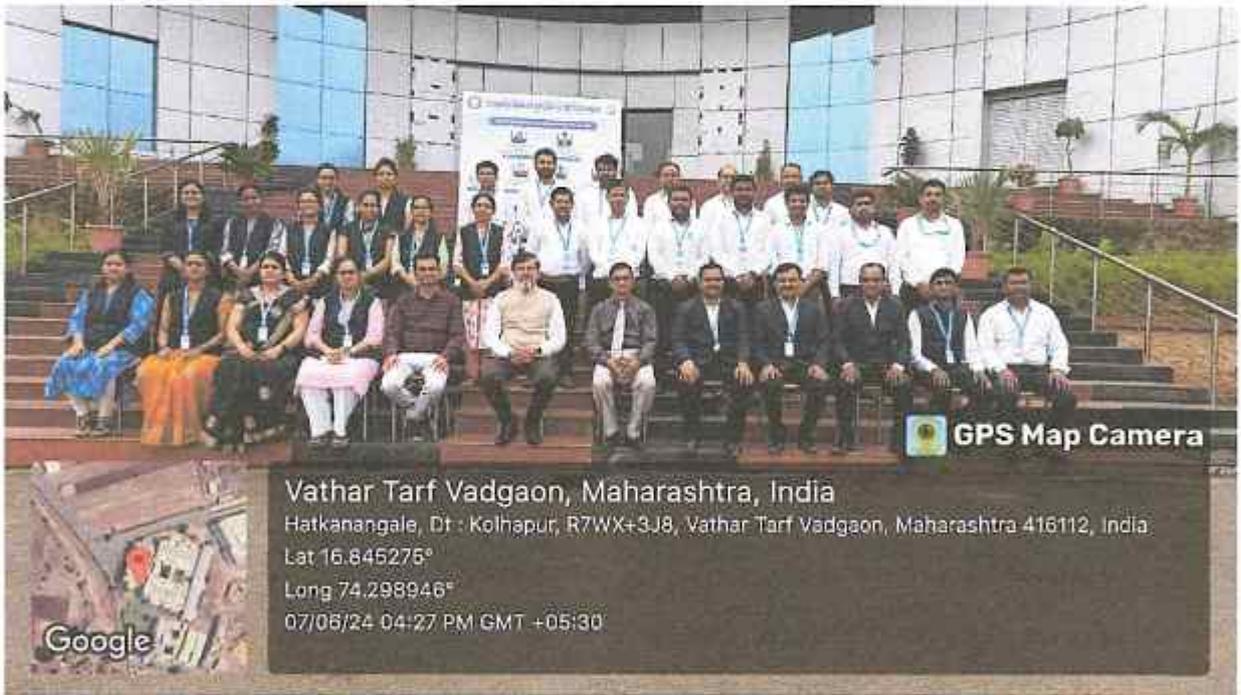
This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



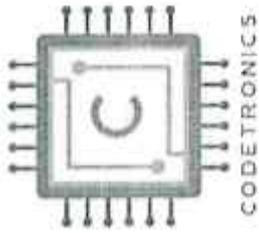
Photo Gallery PLC and IOT:







Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)



CERTIFICATE OF PARTICIPATION



PROUDLY PRESENTED TO

Prof. S. V. Dafade of Ashokrao Mane Group of Institution, Vathar for successful completion of one week Short Term Training Program on “**Advanced Industrial Automation with PLC and IIOT**” from 3rd June 2024 to 7th June 2024, organized by Research and Development Cell in collaboration with Codetronics and PG Automation, Surat, Gujarat.

Thombare

Dr. V. K. Thombare
Dean, R&D
AMGOI, Vathar

Rakholiya

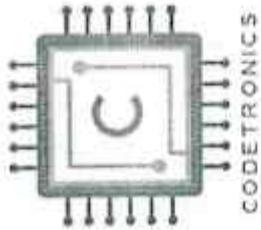
Mr. Himanshu Rakholiya
(Resource Person)
Codetronics, Surat

Mohan Patel

Mr. Mohan Patel
(Resource Person)
PG Automation, Surat



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)



CERTIFICATE OF PARTICIPATION



PROUDLY PRESENTED TO

Mr. Ladgaonkar P S of Ashokrao Mane Group of Institution, Vathar for successful completion of one week Short Term Training Program on “Advanced Industrial Automation with PLC and IIOT” from 3rd June 2024 to 7th June 2024, organized by Research and Development Cell in collaboration with Codetronics and PG Automation, Surat, Gujarat.

Thombare

Dr. V. K. Thombare
Dean, R&D
AMGOI, Vathar

Rakholiya

Mr. Himanshu Rakholiya
(Resource Person)
Codetronics, Surat

Mohan Patel

Mr. Mohan Patel
(Resource Person)
PG Automation, Surat



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Turf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Department of Computer Science and Engineering

Date:12/06/2024

To,
Director
AMGOI,
Vathar turf Vadgaon

Subject: Request for Permission to Conduct FDP on "Internet of Things (IoT)"

Dear sir

I am writing to seek your approval for the Conduction of Faculty Development Program(FDP) organized by Computer science and Engineering Department Scheduled from 17 Jun 2024 to 21 Jun 2024 for the faculty members of Ashokrao Mane Institution Vathar. The program will focus on providing a comprehensive understanding of IoT technologies, their applications, and their integration with other emerging technologies like Augmented Reality (AR) and Virtual Reality (VR).

I kindly request your approval and support in organizing this FDP, which will significantly contribute to the professional development of our faculty members and enrich their knowledge in the evolving field of IoT.

Your support is crucial for the success of this program. Please let us know if you have any questions or require further information.

Thank you for your time and consideration.


Prof. R. P. Jadhav
FDP Coordinator:


Prof. S. S. Redekar
HOD, CSE Dept.
HOD
Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Turf vadgaon, Dist. Kolhapur



INVITATION



Shri Balasaheb Mane Shikshan Prasarak Mandal's

Ashokrao Mane Group of Institutions

Faculty of Engineering & Management Studies, Vathar tarf Vadgaon

We are cordially inviting you for Inaugural function of **Faculty Development Program**

on

“Internet of Things (IOT)”

Organized by

Computer Science and Engineering

Chief Guest

Mr. Rahul Gupta

IOFT Institute of Futuristic Technology,

Goregaon East, Mumbai.

Invitees

Mrs. R. P. Jadhav
FDP Co-coordinator (IOT)

Mr. A. B. Desai
FDP Co-coordinator (IOT)

Prof. S. S. Redekar
HOD CSE

Prof. P. B. Ghewari
Vice-Principal

Dr. A. V. Deshmukh
Director

Monday, 17th June 2024

Venue & Time – Seminar Hall, AMGOI, Vathar – 9:30 A. M.



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112
E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org



Accredited by NAAC

Department of Computer Science and Engineering

Date:12/06/2024

To
Mr. Rahul Gupta
IOFT Institute of Futuristic Technology,
Goregaon East, Mumbai.

Subject: Invitation as Resource Person for FDP from 17th June 2024–21st June, 2024.

Dear Sir,

It is our immense pleasure to inform you that Shri Balasaheb Mane Shikshan Prasarak Mandal Ambap's, Ashokrao Mane Group of Institutions (AMGOI), Vathar, Kolhapur & Department of Computer Science & Engineering is organizing a "Internet of Things(IOT)" during 17th Jun -21st Jun 2024 for the benefit of all the teaching faculty from our Institute.

The objective of this training is to train faculty on fundamental concepts as well as practical knowledge of Internet of Thing.. It will also focus on the significance and application of Augmented Reality and Virtual Reality. Moreover, it will focus on the latest developments like Artificial intelligence, Machine learning, IoT etc. which are changing role of automation and control.

We wish to invite you as a Resource Person for the FDP.

We request you to please accept our invitation and grace the occasion with your kind presence.

Thanking you,

With best regards,

Yours Sincerely,

Prof. S. S. Redekar
HOD CSE
AMGOI, Vathar

Director,
AMGOI, Vathar
DIRECTOR

SHRI BALASAHEB MANE SHIKSHAN PRASARAK MANDAL'S
ASHOKRAO MANE GROUP OF INSTITUTIONS
Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur, M.S. 416112



ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR.
Faculty of Engineering

CIRCULAR/NOTICE

Doc. No.: AMGOI -FRM-03

Rev. No.: 00

Rev. Dt: 04/07/2013

Date: 12/06/2024

Notice

All the faculties of Ashokrao Mane Group of Institutions are hereby informed that a One Week Faculty Development Program (FDP) on the topic of "Internet of Things (IoT)" is being organized by the Department of Computer Science and Engineering. The program will be held from 17th June to 21st June, 2024.

All staff members are requested to participate in the program and make note of the schedule accordingly.

FDP Coordinator, CSE Dept.

Prof. S. S. Redekar
HOD, CSE Dept.

HOD

Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Talu Vadgaon, Dist. Kolhapur



Faculty Development Program (FDP)

on

"Internet Of Things(IOT)"

17th June 2024 – 21st June 2024

Organized by

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR



Schedule

Sr.	Date	Time	Resource Person	Topic
1	Mon 17-06-24	9:15 - 10:00	Inauguration	
		10:00 - 11:15	Mr. Rahul Gupta	Introduction to IoT and Basics: <ul style="list-style-type: none">➤ What is IoT? Key components: Sensors, Actuators, and Network➤ Real-world IoT applications and future trends
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Mr. Rahul Gupta	IoT Architecture and Basic Protocols <ul style="list-style-type: none">➤ IoT Architecture: Perception, Network, and Application Layers➤ Communication protocols: MQTT, HTTP, CoAP
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Mr. Rahul Gupta	Introduction to IoT Devices: <ul style="list-style-type: none">➤ Microcontrollers and Development Boards (Arduino, Raspberry Pi)➤ Sensors and Actuators used in IoT
2	Tue 18-06-24	09:15 - 11:15	Mr. Rahul Gupta	Advanced IoT Concepts: <ul style="list-style-type: none">➤ Edge Computing vs Cloud Computing in IoT➤ Data Collection, Processing, and Analysis for IoT applications
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Mr. Rahul Gupta	Introduction to Augmented Reality (AR) in IoT <ul style="list-style-type: none">➤ What is AR and Tools for AR development: ARCore, ARKit, Unity3D
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Mr. Rahul Gupta	AR in IoT Projects: <ul style="list-style-type: none">➤ How AR can enhance IoT applications (e.g., IoT-based smart home visualization, remote device monitoring)➤ • Case studies of AR in smart cities, healthcare, and industrial IoT
3	Wed 19-06-24	9:15 - 11:15	Mr. Rahul Gupta	Application of IOT : <ul style="list-style-type: none">➤ Data Collection➤ Analysis and remote operation of different applications
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Mr. Rahul Gupta	<ul style="list-style-type: none">➤ Development of program,➤ Interfacing of different IOT Devices with different setups, in Electrical Engineering and Electronics (RLC circuit, Motor Drive)
		1:30 - 2:15	Lunch Break	

		2:15 - 4:00	Mr. Rahul Gupta	<ul style="list-style-type: none"> ➤ Remote operation, Monitoring and control of setups using IOT in Mechanical Engineering. ➤ Question and Answer.
Sr.	Date	Time	Resource Person	Topic
4	Thurs 20-06-24	9:15 - 11:15	Mr. Rahul Gupta	Theory session: <ul style="list-style-type: none"> ➤ Introduction Different types of sensor, switches ➤ Selection and configuration of hardware and software. ➤ Industrial Need
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Mr. Rahul Gupta	Simulation & Hands on Session: <ul style="list-style-type: none"> ➤ Introduction to Linux ➤ Linux Command ➤ Introduction of programming (Structure, Variables & Functions) ➤ Basic concept of electronic hardware & its interfacing ➤ Introduction of Tinker CAD
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Mr. Rahul Gupta	Theory session: <ul style="list-style-type: none"> ➤ Compiler ➤ Compilation stages ➤ Type of error Simulation & Hands on Session: <ul style="list-style-type: none"> ➤ Interfacing with LED, ➤ Switches, PWM, ➤ Stepper & DC Motor Control
5	Fri 21-06-24	9:15 - 11:15	Mr. Rahul Gupta	Simulation & Hands on Session: <ul style="list-style-type: none"> ➤ Serial Communication Protocol (USART) ➤ Interfacing with Analog Sensor (Potentiometer, Temperature Sensor LM35)
		11:15 - 11:30	Tea Break	
		11:30 - 1:15	Mr. Rahul Gupta	Theory session: <ul style="list-style-type: none"> ➤ IoT Devices ➤ Raspberry Pi ➤ Python Programming Simulation & Hands on Session: <ul style="list-style-type: none"> ➤ Interfacing with Keypad, DC Motor ➤ Distance measurement using Ultrasonic Sensor ➤ Device control using Android application (Bluetooth Technology)
		1:30 - 2:15	Lunch Break	
		2:15 - 4:00	Mr. Rahul Gupta	Simulation & Hands on Session: <ul style="list-style-type: none"> ➤ Access control system using RFID ➤ Device control using IR remote ➤ Device control using voice control Android application (Bluetooth Technology)



ShriBalasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, VatharTarfVadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Computer Science and Engineering

FDP ATTENDANCE SHEET A.Y. (2023-24)

Time:-09:15AM to 04:00PM	
Name of FDP :- Internet of Things	Location:-Web Technology Lab
Name of Department :- Computer Science & Engineering	

Sr.No	Name of the Faculty	17/6/24	18/6/24	19/6/24	20/6/24	21/6/24
1.	Mr.S.S.Redekar					
2.	Mr.P.S.Powar					
3.	Ms.S.R.Patil					
4.	Ms.V.D.Desai					
5.	Mr.S.S.Kibile					
6.	Mr.A.B.Desai					
7.	Ms.R.P.Jadhav					
8.	Ms.P.P.Nagarale					
9.	Ms.P.G.Chavan					
10.	Ms.A.A.Patil					
11.	Mr.G.N.Chavanpatil					
12.	Mr.S.A.Dopure					
13.	Dr.C.R.Dogarsane					
14.	Mr.P.S.Ladgaonkar					
15.	Mr.A.B.Rabade					
16.	Mr.D.S.Patil					
17.	Ms.S.A.Shakardas					
18.	Mr.S.V.Dafade					
19.	Mr.G.R.Gaikwad					
20.	Dr.S.G.Chonde					
21.	Ms.A.A.Jahav					
22.	Ms.S.L.Rathode					
23.	Ms.A.T.Tare					
24.	Ms.V.Y.Powar					
25.	Ms.S.V.Sagavkar					



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112
E-mail: hodese@amgoi.edu.in, Website: www.amgoi.org
Department of Computer Science and Engineering



Date: 21/06/2024

To

Mr. Rahul Gupta
IOFT Institute of futuristis Technology
Goregaon East, Mumbai

Subject: - Letter of Appreciation

Dear Sir,

Thank you very much for delivering an informative & thought provoking FDP on **"Internet of Things"** held on 17th Jun, 2024 to 21th Jun 2024 at Computer Science & Engineering Department in association with Institutions Innovation Council (IIC), Ashokrao Mane Group of Institutions, Vathar , Kolhapur

It was really a splendid presentation which exposed students to the field practices.

All the students appreciated and got benefited from your views on the subject.

Looking forward for your cooperation for the promotion of professional education in future as well.

Sincerely yours,

Prof. R.P. Jadhav
Event Coordinator

Prof. S. S. Redekar
HOD, CSE
HOD

Computer Science & Engineering
AMGOI, Faculty of Engineering
Vathar Tarf vadgaon, Dist. Kolhapur



Date: 22-06-2024

One Week FDP On

Internet Of Things(IoT)

17th -21st June 2024

REPORT

Title of FDP: Internet of Things(IoT).

Resource Person: Mr. Rahul Gupta.

Date: 17th – 21nd June 2024.

Duration: One Week

Organized By: Department of Computer Science and Engineering

Audience: Faculty Members from various departments

Mode: Specify the mode -Offline

Introduction

The Faculty Development Program (FDP) on the Internet of Things (IoT) was organized by the Department of Computer Science and Engineering over the course of one week. The program was designed to provide faculty members with a deep understanding of IoT, its communication methods, and its integration with emerging technologies like Augmented Reality (AR) and Virtual Reality (VR). The program was aimed at equipping faculty members with the necessary skills to incorporate these technologies into their academic curriculum and research projects.

The resource person for the program was **Mr. Rahul Gupta**, an expert in IoT, who conducted various sessions throughout the week. Each day focused on a specific aspect of IoT, with practical demonstrations and interactive discussions to ensure effective learning.

Objective

1. Provide Fundamental Knowledge of IoT: To introduce faculty members to the basic concepts, components, and architecture of IoT systems.



Department of Computer Science and Engineering

2. Explore IoT Communication Methods: To highlight the challenges and security concerns in IoT communication and provide solutions for secure data transmission.
3. Understand the Integration of AR and VR with IoT: To demonstrate how AR and VR technologies can be integrated with IoT systems to enhance user interaction, visualization, and decision-making processes.
4. Enhance Teaching and Research in IoT: To help faculty members incorporate IoT concepts into their academic curriculum, thereby enhancing the quality of education and research in the field of IoT.

FDP Structure

Day 1: 17th June 2024

Inaugural Function

The First day started with the Inaugural Ceremony by extending warm welcome to the esteemed guest Mr. Rahul Gupta, including faculty participation. Also, introduced the theme of FDP-“Internet of Things (IoT)”. The one week faculty development program was inaugurated by Vice Principal Hon. Prof.P.B.Ghewari Sir, AMGOI Vathar. After that he discussed objective, structure and expected outcome of the FDP.



Felicitation and welcome of resource person



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
 NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112
 E-mail: hodcse@amgoi.edu.in, Website: www.amgoi.org



Accredited by NAAC

Department of Computer Science and Engineering



Resource Person with Faculties



Day 3 Hands on Session

Radhika
 Report Prepared by:
 Coordinator

S. S. Redekar
 Verified By: Prof. S. S. Redekar
 HOD, CSE Dept. **HOD**
 Computer Science & Engineering
 AMGOI, Faculty of Engineering
 Vathar Tarf vadgaon, Dist. Kolhapur

Certificate

OF COMPLETION
THIS ACKNOWLEDGES THAT

Prof. Suraj S. Redekar



HAS SUCCESSFULLY COMPLETED THE

One week Faculty Development Program at Ashokrao Mane Group of Institution,
Computer Science and Engineering Department, on internet of Things,
Augmented Reality and Virtual Reality.

June 23, 2024

DATE



Rahul

DIRECTOR





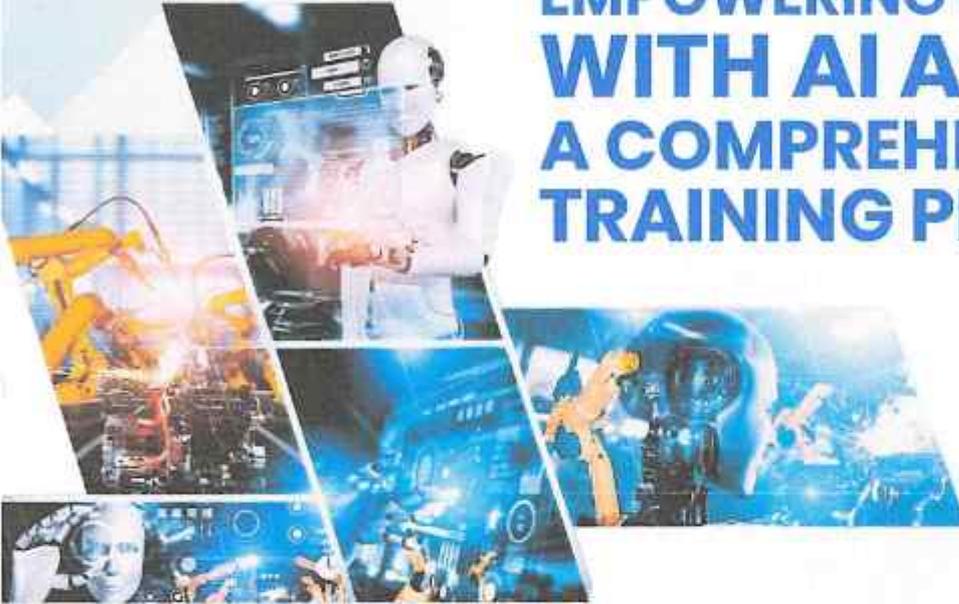
Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)
NAAC "A" Grade Accredited with CGPA 3.08 NBA Accredited Programs*



One week faculty development program on

EMPOWERING EDUCATORS WITH AI AND ML A COMPREHENSIVE TRAINING PROGRAM



Resource Person
Mr. Rajendra D. Bhosale
System Design Engineer



10th JUNE 2024 To
14th JUNE 2024



09 : 15 AM To
04 : 00 PM

Prof. S. J. Vibhute
FDP Co-Coordinator

Prof. Dr. S. V. Vanmore
FDP Coordinator

Prof. S. S. Patil
Dean Academics
AMGOI, Vathar

Prof. P. B. Ghewari
Vice-Principal
AMGOI, Vathar

Dr. A. V. Deshmukh
Director
AMGOI, Vathar

ASHOKRAO MANE GROUP

ENGINEERING PHARMACY BAMS MBA B.ED POLYTECHNIC ITI

www.amgkolhapur.com

AMG
ASHOKRAO MANE GROUP

	ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR. <i>Faculty of Engineering</i>	
	CIRCULAR/NOTICE	Doc. No.: AMGOI -FRM-03
		Rev. No.: 00
	Rev. Dt: 04/07/2013	

Date: 05/06/2024

Notice

All the faculties of Ashokrao Mane Group of Institutions are hereby informed that a One Week Faculty Development Program (FDP) on the topic of "Empowering Educators With AI and ML" is being organized by the Department of Electronics and Telecommunication Engineering. The program will be held from 10th June to 14th June, 2024.

All staff members are requested to participate in the program and make note of the schedule accordingly.



Dr. S. V. Vanmore

**FDP Coordinator
ETC Dept.**



Prof S. S. Patil

**HOD
ETC Dept.**

HOD

**Electronics & Telecommunication Engg.
Ashokrao Mane Group of Institutions
Vathar, Tarf Vadagaon.**



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

To,
Director
AMGOI,
Vathar tarf Vadgaon

Subject: Request for Permission to Conduct FDP on “ Empowering Educators With AI and ML”

Dear sir

I am writing to seek your approval for the Conduction of Faculty Development program(FDP) organized by Electronics and Telecommunication Engineering Department for the faculty members of Ashokrao Mane Institution, Vathar. The program will focus on providing a comprehensive understanding of AI and ML technologies, their applications.

I kindly request your approval and support in organizing this FDP, which will significantly contribute to the professional development of our faculty members and enrich their knowledge in the evolving field of AI and ML.

Your support is crucial for the success of this program. Please let us know if you have any questions or require further information.

Thank you for your time and consideration.





INVITATION



Shri Balasaheb Mane Shikshan Prasarak Mandal's

Ashokrao Mane Group of Institutions

Faculty of Engineering & Management Studies, Vathar tarf Vadgaon

We are cordially inviting you for Inaugural function of **Faculty Development Program**

on

“Empowering Educators With AI and ML”

Organized by

Electronics and Telecommunication Engineering

Chief Guest

Mr. Rajendra D. Bhosale

System Design Engineer

RK Nagar, Kolhapur

Invitees

Dr. S. V. Vanmore

FDP Co-coordinator

Mr. S. J. Vibhute

FDP Co-coordinator

Prof. S. S. Patil

HOD ETC

Prof. P. B. Ghewari

Vice-Principal

Dr. A. V. Deshmukh

Director

Monday, 10th June 2024

Venue & Time – Seminar Hall, AMGOI, Vathar – 9:30 A. M.



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

To,
Mr. Rajendra D. Bhosale,
System Design Engineer
RK Nagar, Kolhapur

Subject: Invitation as Resource Person for FDP from 10th June 2024 – 14th June 2024.

Dear Sir,

It is our immense pleasure to inform you that Shri Balasaheb Mane Shikshan Prasarak Mandal Ambap's, Ashokrao Mane Group of Institutions (AMGOI), Vathar, Kolhapur & Department of Electronics & Telecommunication Engineering is organizing one week FDP on "Empowering Educators With AI and ML" during 10th June – 14th June 2024 for the benefit of all the teaching faculty from our Institute.

The objective of this training is to train faculty on fundamental concepts as well as practical knowledge of AI and ML. It will also focus on the significance and application of Machine learning and AI. Moreover, it will focus on the latest developments like Artificial intelligence, Machine learning etc. which are changing the role of automation and control.

We wish to invite you as a Resource Person for the FDP.

We request you to please accept our invitation and grace the occasion with your kind presence.

Thanking you,
With best regards,
Yours Sincerely,

Dr. S. S. Vanmore
FDP Co-ordinator
AMGOI, Vathar

Prof. S. S. Patil
HOD ETC
AMGOI, Vathar



Dr. A.V.Deshmukh
Director
AMGOI, Vathar

HOD

Electronics & Telecommunication Engg.
Ashokrao Mane Group of Institutions
Vathar Tarf Vadgaon.



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

Faculty Development Program on **Empowering Educators with AI and ML.**

SCHEDULE

Day 1: Introduction to AI and ML

- **9:00 AM - 9:30 AM:** Registration and Welcome Ceremony
 - **9:30 AM - 10:30 AM:** Keynote Session: *AI & ML in Education - Transforming Teaching & Learning*
 - **10:30 AM - 11:00 AM:** Tea Break
 - **11:00 AM - 1:00 PM:** Session 1: *Foundations of AI and ML*
 - Introduction to AI and ML concepts
 - Applications of AI and ML in education
 - Overview of ML algorithms and AI tools
 - **1:00 PM - 2:00 PM:** Lunch Break
 - **2:00 PM - 4:00 PM:** Hands-on Workshop: *Getting Started with AI/ML Tools (e.g., Google Colab, Python)*
 - Installing tools and setting up environments
 - Introduction to datasets
-

Day 2: Machine Learning Basics

- **9:00 AM - 11:00 AM:** Session 2: *Supervised and Unsupervised Learning Techniques*
 - Understanding regression, classification, and clustering
 - Case studies in education: Student performance analysis, personalized learning
 - **11:00 AM - 11:30 AM:** Tea Break
 - **11:30 AM - 1:00 PM:** Hands-on Workshop: *Building Your First ML Model*
 - Creating models with simple datasets
 - Training, testing, and evaluating models
 - **1:00 PM - 2:00 PM:** Lunch Break
 - **2:00 PM - 4:00 PM:** Panel Discussion: *Ethics and Challenges in AI/ML for Education*
-

Day 3: AI for Education

- **9:00 AM - 11:00 AM:** Session 3: *AI-powered Educational Tools and Techniques*
 - AI-based content creation tools
 - Adaptive learning systems
 - **11:00 AM - 11:30 AM:** Tea Break
 - **11:30 AM - 1:00 PM:** Hands-on Workshop: *Creating AI Chatbots for Student Engagement*
 - Building a simple Q&A chatbot using pre-trained AI models
 - **1:00 PM - 2:00 PM:** Lunch Break
 - **2:00 PM - 4:00 PM:** Case Studies: *AI Transformations in Education Institutions*
-

Day 4: Advanced AI and ML Techniques



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

- **9:00 AM - 11:00 AM:** Session 4: *Deep Learning and NLP in Education*
 - Introduction to neural networks and deep learning
 - Applications of NLP (Natural Language Processing) in education (e.g., automated grading, summarization)
 - **11:00 AM - 11:30 AM:** Tea Break
 - **11:30 AM - 1:00 PM:** Hands-on Workshop: *Implementing NLP Models for Education*
 - Sentiment analysis of student feedback
 - Building text summarization tools
 - **1:00 PM - 2:00 PM:** Lunch Break
 - **2:00 PM - 4:00 PM:** Group Activity: *Designing AI Solutions for Real-life Educational Challenges*
-

Day 5: Future Trends and Implementation

- **9:00 AM - 11:00 AM:** Session 5: *Emerging Trends in AI & ML*
 - Generative AI (e.g., ChatGPT, DALL-E) and its role in education
 - Future of AI in education: Challenges and opportunities
 - **11:00 AM - 11:30 AM:** Tea Break
 - **11:30 AM - 1:00 PM:** Workshop: *Creating AI-powered Assessments and Feedback Systems*
 - Automating evaluation and feedback mechanisms
 - **1:00 PM - 2:00 PM:** Lunch Break
 - **2:00 PM - 3:30 PM:** Closing Session: *Showcase of Participants' Projects*
 - **3:30 PM - 4:00 PM:** Valedictory Ceremony and Certificate Distribution
-





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH - 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

FDP ATTENDANCE SHEET A.Y. (2023-24)

Name of FDP :- Empowering Educators With AI and ML	Location:-Web Technology Lab
Name of Department :- Electronics and Telecommunication Engineering	Time:-9:30AM to 4:00PM

Sr. No	Name of the Faculty	10/6/24	11/6/24	12/6/24	13/6/24	14/6/24
1.	Mrs. S.S.Patil	SP	SP	SP	SP	SP
2.	Dr.D.J.Pawar	DP	DP	DP	DP	DP
3.	Mrs.S.V.Sagavkar	SS	SS	SS	SS	SS
4.	Dr.C.R.Dongarsane	CD	CD	CD	CD	CD
5.	Mr.S.A.Bhosale	SB	SB	SB	SB	SB
6.	Dr.S.V.Vanmore	SV	SV	SV	SV	SV
7.	Mrs.D.M.Mali	DM	DM	DM	DM	DM
8.	Dr.B.A.Jadhwar	BA	BA	BA	BA	BA
9.	Mr.S.S.Redekar	SR	SR	SR	SR	SR
10.	Mr.P.S.Powar	PS	PS	PS	PS	PS
11.	Ms.S.R.Patil	SR	SR	SR	SR	SR
12.	Ms.V.D.Desai	VD	VD	VD	VD	VD
13.	Mr.S.S.Kibile	SK	SK	SK	SK	SK
14.	Mr.A.B.Desai	AB	AB	AB	AB	AB
15.	Ms.R.P.Jadhav	RJ	RJ	RJ	RJ	RJ
16.	Ms.P.P.Nagarale	PN	PN	PN	PN	PN
17.	Ms.P.G.Chavan	PG	PG	PG	PG	PG
18.	Mr.S.J.Vibhute	SV	SV	SV	SV	SV
19.	Mr. S.S.Kibile	SK	SK	SK	SK	SK
20.	Mrs.P.G.Chavan	PG	PG	PG	PG	PG
21.	Mrs.S.H.SHete	SH	SH	SH	SH	SH
22.	Dr.V.K.Thombare	VT	VT	VT	VT	VT
23.	Mr.R.S.Pukale	RS	RS	RS	RS	RS
24.	Mr. D.S.Patil	DS	DS	DS	DS	DS
25.	Mrs.S.A.Shankardas	SA	SA	SA	SA	SA
26.	Mrs.V.Y.Powar	VP	VP	VP	VP	VP
27.	Mr.S.S.Petkar	SP	SP	SP	SP	SP
28.	Mr.G.R.Gaikwad	GR	GR	GR	GR	GR
29.	Mr.J.A.Patil	JA	JA	JA	JA	JA
30.	Mr.H.M.Bhosale	HM	HM	HM	HM	HM
31.	Mr. A. B.Rabade	AB	AB	AB	AB	AB



Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

One Week FDP On

“Empowering Educators With AI and ML”

10th -14nd June 2024

REPORT

Title of FDP: Empowering Educators With AI and ML

Resource Person: Mr. Rajendra D. Bhosale

Date: 10th – 14th June 2024.

Duration: One Week

Organized By: Department of Electronics and Telecommunication Engineering

Audience: Faculty Members from various departments

Mode: Specify the mode -Offline

Introduction

The Faculty Development Program (FDP) titled "Empowering Educators with AI and ML" was successfully conducted from June 10 to June 14, 2024. The event was organized to enhance the teaching capabilities of educators by equipping them with knowledge and practical skills in the fields of Artificial Intelligence (AI) and Machine Learning (ML).

Objective

The primary objective of the FDP was to familiarize educators with the latest advancements in AI and ML and to enable them to integrate these technologies into their teaching methodologies effectively. The program aimed to foster a deep understanding of the concepts and applications of AI and ML to empower educators to prepare students for future challenges in these domains.

Resource Person

The sessions were led by Mr. Rajendra D. Bhosale, a distinguished expert in AI and ML with extensive experience in academia and industry. Mr. Bhosale's engaging and insightful sessions provided participants with both theoretical foundations and hands-on experience.

Program Overview

The FDP spanned five days, covering the following topics:

- Day 1:** Introduction to Artificial Intelligence and Machine Learning
 - Fundamentals of AI and ML
 - Overview of real-world applications
- Day 2:** Machine Learning Algorithms
 - Supervised and unsupervised learning techniques





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

- Hands-on session on linear regression and classification algorithms
- 3. **Day 3: Deep Learning and Neural Networks**
 - Basics of deep learning
 - Practical demonstration of neural network implementation
- 4. **Day 4: AI Tools and Platforms for Educators**
 - Exploration of AI tools such as Tensor Flow and PyTorch
 - Interactive session on integrating AI in classroom teaching
- 5. **Day 5: Ethics and Future Trends in AI and ML**
 - Ethical considerations in AI and ML
 - Discussion on emerging trends and career opportunities for students

Outcomes

- Enhanced understanding of AI and ML concepts among the participants.
- Practical knowledge of implementing AI and ML algorithms.
- Awareness of ethical practices and future trends in AI and ML.
- Empowered educators to adopt AI-driven teaching methodologies..

Conclusion

The Faculty Development Program on "Empowering Educators with AI and ML" was a resounding success. It provided valuable insights and practical knowledge, paving the way for educators to leverage AI and ML in their teaching practices. The organizing committee extends heartfelt gratitude to Mr. Rajendra D. Bhosale for his invaluable contributions and to all participants for their enthusiastic involvement.





Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

To,

Mr. Rajendra D. Bhosale
System Design Engineer
RK Nagar, Kolhapur

Subject: - Letter of Appreciation

Dear Sir,

Thank you very much for delivering an informative & thought provoking FDP on “**Empowering Educators With AI and ML**” held on 10th June 2024 to 14th June 2024 at Electronics and Telecommunication Engineering Department in association, Ashokrao Mane Group of Institutions, Vathar ,Kolhapur

It was really a splendid presentation which exposed students to the field practices.

All the students appreciated and got benefited from your views on the subject.

Looking forward for your cooperation for the promotion of professional education in future as well.

Sincerely yours,

Prof. S. V. Vanmore
Event Coordinator



Prof. S. S. Patil
HOD, ETC
HOD

Electronics & Telecommunication Engg.
Ashokrao Mane Group of Institutions
Vathar Tarf Vadgaon.



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS

NH – 4, Vathar Tarf Vadgaon, Tal: -Hatkanangale, Dist: - Kolhapur-416112

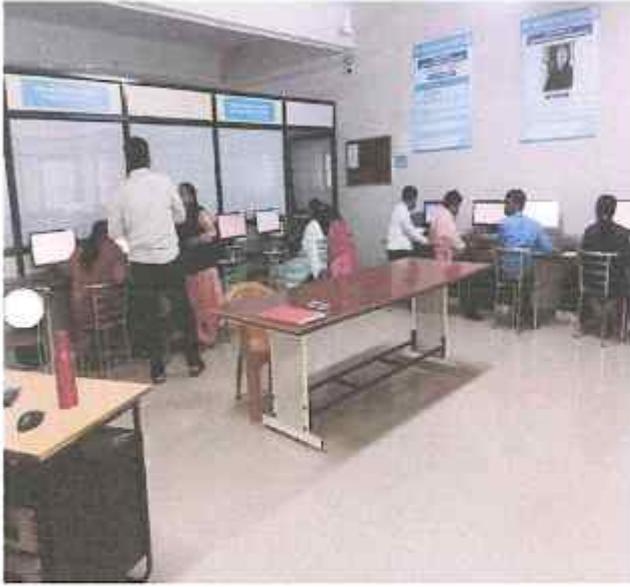
E-mail: hodetc@amgoi.edu.in, Website: www.amgoi.org

Accredited by NAAC



Electronics and Telecommunication Engineering

Glimpse of FDP





Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)



CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO

Mrs. S. S. Patil of Ashokrao Mane Group of Institution, Vathar for successful completion of 5 days Faculty Development Program on “**Empowering Educators with AI and ML: A Comprehensive Training Program**” from 10th to 14th June 2024, organized by Department of Electronics and Telecommunication Engineering.


Dr. S. V. Vanmore
FDP Coordinator


Mrs. S. S. Patil
HOD, E&TC



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)



CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO

Mr. S. A. Rhosale of Ashokrao Mane Group of Institution, Vathar for successful completion of 5 days Faculty Development Program on “Empowering Educators with AI and ML: A Comprehensive Training Program” from 10th to 14th June 2024, organized by Department of Electronics and Telecommunication Engineering.


Dr. S. V. Vanmore
FDP Coordinator


Mrs. S. S. Patil
HOD, E&TC



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
Vathar Tarf Vadgaon, Tal.: Hatkanangale, Dist. Kolhapur - 416 112 (MS)



CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO

Mrs. S. V. Sagarkar of Ashokrao Mane Group of Institution, Vathar for successful completion of 5 days Faculty Development Program on “**Empowering Educators with AI and ML: A Comprehensive Training Program**” from 10th to 14th June 2024, organized by Department of Electronics and Telecommunication Engineering.


Dr. S. V. Vanmore
FDP Coordinator


Mrs. S. S. Patil
HOD, E&TC