SRES's
SHREE RAMCHANDRA COLLEGE OF ENGINEERING
Lonikand, Pune – 412216
Department of Electrical Engineering

Ref: SRCOE/Electrical/Report/01

Report of an Event

Date:- 04/10/2021

❖ **Title of Event:** PLC and SCADA Workshop

- **Date:** 20th Sept.2021 to 22th Sept. 2021 **Time:** 10 am – 4.30 pm
- **Platform Name of Event:** Google Meet : https://meet.google.com/yug-pipk-bes

❖ **Name of Organizer:** Department of Electrical Engineering

❖ **Name of Speaker:** Mr. Ajay Lohate (BE(EE), ME(PE&D) Head of Automation Domain)
Infinity Technology Pvt. Ltd.

Objective of Event:

- To make students acquainted with the conceptual as well as practical knowledge of PLC and SCADA & latest technologies being used to achieve industrial automation
- To inculcate the basic fundamentals of automation in the students and provide them with a platform to work on in the near future.

➢ **Topics Covered:**

- Introduction to Automation and its evolution
- Different Type of Industrial Control Mechanisms
- Introduction to PLCs
- Detail study of PLC & SCADA
- Ladder Logic Programming
- HMI
- SCADA
- Area of Applications

Head
Dept. Electrical Engineering
SRCOE Pune-412216

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➢Detailed Summary:

Day -1 (20-09-2021)

Sr.No.	Timing	Topic	Details
1	10-12pm	Industrial Automation And PLC	Recent advances in Industrial Automation Concept of Automation, Need & history of automation, Basics of PLC Introduction to PLC, pin diagrams, Block diagram of PLC, Detailed information of PLC. Allen Bradley & Rockwell Automation's Details Brief Description To Input/ Output Pins Of Micrologix-1000 Ladder Diagram Basics
2	12-12.30 pm	**Lunch Break**	
3	12.30 To 4.30 pm	PLC	Introduction To RSLogix Downloading a Ladder Program in PLC Using RSLinx. How To Take Input from Panel How To Give Output To Panel Running First PLC Application Design a PLC system from scratch, power requirements, I/O types, networks Use remote I/O systems, Design and Configure networks, DH485, DH+ or Ethernet. Understand communications port parameters

Day-2 (21-09-2021)

Sr.No.	Timing	Topic	Details
1	10-12pm	SCADA	Creating a new SCADA application Creating Database of Tags Creating & editing graphic display with Animation. Creating Real-time & Historical Trends Alarms & Events Writing logic through script Troubleshooting and applications
2	12-12.30 pm	**Short Break**	
3	12.30 To 4.30 pm	HMI	Introduction of Software Navigation to software Topic Configuration Communication between PLC and SCADA/HMI Tag Configuration Types of tag How to load back up into HMI

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Department of Electrical Engineering

Day-3 (22-09-2021)

Sr.No.	Timing	Topic	Details
1	10-12pm	Programming and Application	Developing ladder logic of given examples Practical's Use of RSLinx to extract data from PLC to Excel spreadsheet
2	12-12.30 pm	**Short Break**	
3	12.30 To 4.30 pm	Examples of PLC and SCADA	RsSimulator, Wonderware InTouch (SCADA)

Conclusion Remarks:

- Speaker Mr. Ajay Lohate discussed opportunities in Automation Industry.
- Industrial Automation i.e. to "Automate Industry" is the basic need of almost every type of manufacturing and production unit today. Thus at the end students will become aware about the basic Knowledge of Industrial Automation, PLCs and their relevant module.

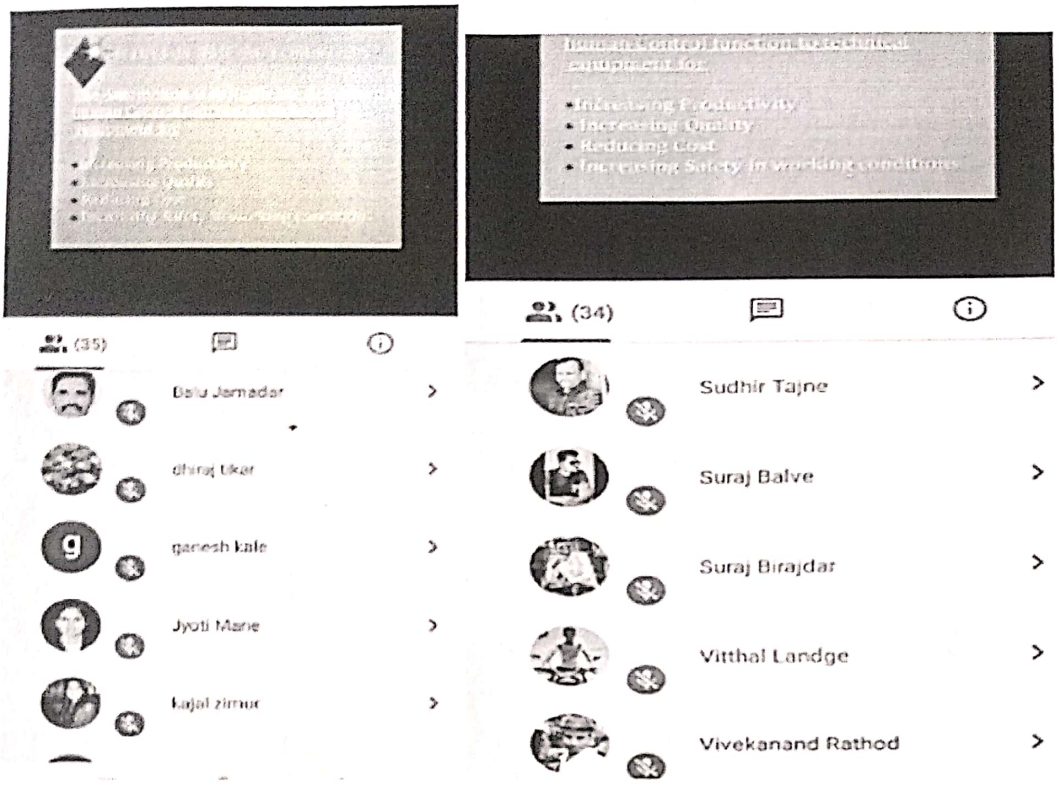
✓ **Attachments (if any):** Webinar Attendance

✓ **Attended by:** 35 Participants (Including 07 Faculty)

Prof. J.Purohit
Prepared by

Prof. V.M.V Rao
Checked by
Head
Dept. Electrical Engineering
SRCOE Pune-412216

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ABOUTSRCOE

Shree Ramchandra college of Engineering, Pune was established in the year 2011 approved by AICTE, New Delhi, affiliated to Savitribai Phule Pune University, Pune. Recently accredited by NAAC.The SRCOE has a good quality infrastructure. The Institute offers undergraduate programs namely Civil, Mechanical, Computer, Electrical, E&TC and also offers Post Graduation programs in Mechanical. The institute has dynamic, dedicated, experienced, qualified and result - oriented teaching faculty, Well-equipped laboratories, Workshop, and digital classrooms.

ABOUT ELECTRICAL ENGINEERING DEPARTMENT

Electrical Engineering is one of the premium branch of Shree Ramchandra College of Engineering. A sustained growth with academic brilliance is seen in our department with highly supportive, academically distinctive and experienced faculty, disciplined students and service oriented supporting staff. In our department every care and effort is taken to provide quality education to the students, so that they are suitable for the current needs of Industry and society as a whole.

CHIEF PATRONS

Hon. Shri. Maruti R. Bhumkar.
President, SRES Pune

CONVENER

Prof. Dr. Avinash D. Desai.
Principal, SRCOE Pune.

ORGANIZING SECRETARY

Prof. V.M.V. Rao
(HOD, Department of Electrical Engineering)

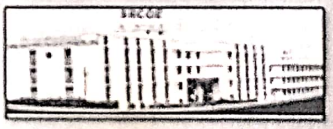
ORGANIZING COMMITTEE

Prof. J. Purohit
Prof. D.Tikar
Prof. P.R. Patil
Prof. S.P.Arbale

FOR REGISTRATION CONTACT

Co-Coordinator
Prof. J. Purohit
(Asst. Prof. Electrical Engg Dept.)
Email: jyotirmayee.purohit@gmail.com
Contact no. (8793950520)

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SHREE RAMCHANDRA COLLEGE OFENGINEERING
Lonikand, Pune – 412216
[ACCREDITED BY NAAC]



Three days Online workshop on,
" PLC&SCADA"
On 20th Sept. 2021 to 22th Sept. 2021

Organized by

Department of Electrical Engineering
Pune - Nagar Road, Behind BJS College,
Wagholi, Pune, Maharashtra 412216
Cell No. +91 7276317328
Email ID: vsrao.ee@gmail.com
www.sespune.org

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Dept. Electrical Engineering
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Department of Artificial Intelligence and Data Science Engineering

Reference №: SRCOE/2021-22/ Date: 14/ 02/ 2022

Report of an Event

- **Title of Event:** Webinar on Python Programming and Its Industry Applications
- **Date:** 14 February 2022
- **Time:** 11 am - 1 pm
- **Platform Name of Event:** Google Meetings
- **Google Meet Link :** http://meet.google.com/etu-qwtd-mbt
- **Name of Organizer:** Department of Artificial Intelligence & Data Science
- **Name of Speaker:** Mrs. Vidya Argade (Founder and Technical Head, Prismatic Wabtech Services)
- **Objective of Event:** To give knowledge about Python Language in IT industry and develop skill set required by IT to claim Dominance in the Information Technology Industry
- **Topics Covered:** What is coding, history and Applications of Python, python developer survey, pythons demand in the industry, introduction to ML, ML Hands on, Application of AI&ML
- **Conclusion Remarks:**

- Speaker Mrs. Vidya Argade Discussed opportunities in IT and how to grab it by upgrading one self.
- The shortage of qualified professionals in this domain presents a golden opportunity for those who are willing to learn the necessary Python Programming Language. The most in-demand.

Attachments (if any): Webinar Attendance

HOD
Prof. Dr. Sujatha Rao

HOD
Dept. of AI & DS Engg.,
S.R.C.O.E., PUNE

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Principal
Prof. Dr. A.D. Desai

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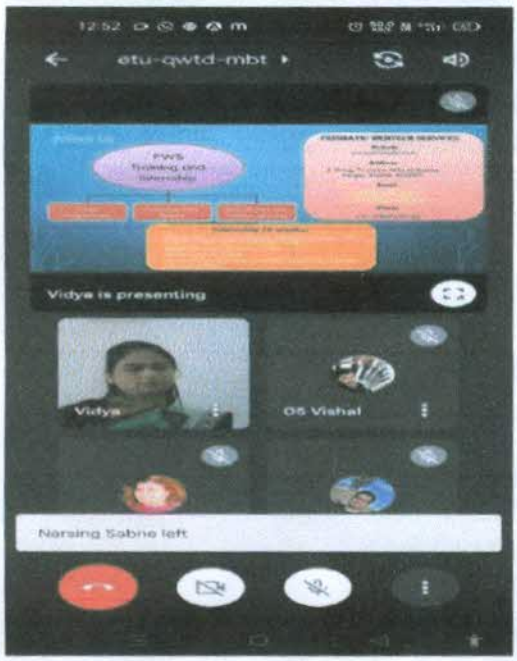
Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Webinar Photos:









Webinar on Python Programming and Its Industry Applications by Mrs.Vidya Argade on 14th February 2022

Shree Ramchandra College of Engineering
Pune

List of participants attended a webinar on Python Programming and its Industry application on Online mode dated on 14/02/2022

Title of Event: Webinar on Python Programming and Its Industry Applications

Attendance

Timestamp	Sr. No.	Name
2/14/2022 11:43:23	1	DALAVI SAURABH SATYAVAN
2/14/2022 11:43:24	2	DESHMANE UTKARSH MADHAV
2/14/2022 11:43:25	3	DHARMADHIKARI ATHARV SACHIN
2/14/2022 11:43:26	4	GAIKWAD ANAND ASHOK
2/14/2022 11:43:27	5	GARAD GAURAV ANAND
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2/14/2022 11:44:31	9	INGALE ROHIT KALIDAS
2/14/2022 11:44:36	10	ITHAPE RUTUJA SAMBHAJI
2/14/2022 11:44:37	11	JADHAV DIKSHA GULAB'
2/14/2022 11:44:38	12	JAGTAP CHETAN SANDEEP
2/14/2022 11:45:35	13	JAYDIP MOHAN DHAVALE
2/14/2022 11:45:36	14	KAZI ARMAAN GOUSMOHIDDIN
2/14/2022 11:45:37	15	KHERDEKAR KSHITIJA PURUSHOTTAM
2/14/2022 11:45:38	16	LOKHANDE SANDHYA SATISH
2/14/2022 11:45:39	17	MASARE SHAILESH SHAMRAO
2/14/2022 11:45:40	18	MORE PRATIK RAJESH
2/14/2022 11:45:40	19	MORE RUSHIKESH ANIL
2/14/2022 11:45:40	20	NAGARGOJE REVATA SHIVDAS
2/14/2022 11:45:43	21	NAIKADE OMKAR BALU
2/14/2022 11:45:44	22	NALDURGKAR AASHISH SUDHIR
2/14/2022 11:46:45	23	NEHA RAMESH BAGADE
2/14/2022 11:46:46	24	NIKALJE DIVYA POPAT
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2/14/2022 11:47:50	28	PANDIT PRASAD HIMMAT
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2/14/2022 11:49:52	30	PAWAR ROHAN DEEPAK
2/14/2022 11:49:53	31	PAWAR RUTURAJ SAMBHAJI
2/14/2022 11:49:54	32	PHAD VITTHAL BALIRAM
2/14/2022 11:49:55	33	RITESH RAJARAM MALI
2/14/2022 11:55:55	34	ROHAN MACHHINDRA HIVRALE
2/14/2022 11:65:23	35	SABNE NARSING DILIP
2/14/2022 11:65:24	36	TAMBARE NANASAHEB BABAN
2/14/2022 11:66:25	37	TANGTODE DHANANJAY VISHNU
2/14/2022 11:66:22	38	THAKARE ANKUSH AMBADAS
2/14/2022 11:65:26	39	THORAT ABHIJEET RAJENDRA
2/14/2022 11:65:28	40	WAGHDHARE ATHARVA DILIP
2/14/2022 11:65:29	41	WAGHMARE VISHAL MUNJABHAU

Ramchandra College of Engineering Pune

Join us on Webinar



Mr. Pramodkumar D. Ahirrao
Contact and publicity Head,
Maharashtra,Unacademy.

The New Way of Carriers and Directions

Saturday, Time:11.30
12 April, 2022

VENUE: DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE, SRCOE, PUNE

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Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Reference №: SRCOE/2021-22 Date: 12/ 04/ 2022

Report of an Event

- **Title of Event:** The New Way of Carriers and Directions
- **Date:** 12th April 2022
- **Time:** 11:30 am -1:00 pm
- **Venue :** AI & DS Seminar Hall, SRCOE, Wagholi, Pune.
- **Name of Organizer:** Department of Artificial Intelligence & Data Science, SRCOE, Wagholi, Pune.
- **Name of Speaker: Mr.Pramodkumar D. Ahirrao**
  Contact and publicity Head, Maharashtra,Unacademy.

➢ **Objective of Event:**

Unacademy provides comprehensive **courses** for UPSC, SSC, IIT JEE, CAT & more exams. They have Interactive Sessions. Best Coaching Platform. Discussion Forums for students.

➢ **Topics Covered**:

- Introduction about Unacademy, How we can install the app.
- What type of courses are provides by this app, How to enroll you yourself.
- Demonstration of App.

Conclusion Remarks:

- Speaker **Mr. Pramodkumar D. Ahirrao**, Discussed opportunities and how to grab it by upgrading one self.
- They explain all the recent technologies and how we can attend this also clear all the doubts of topics.

✓ **Attachments (if any): Event Attendance**
✓ **Photos**

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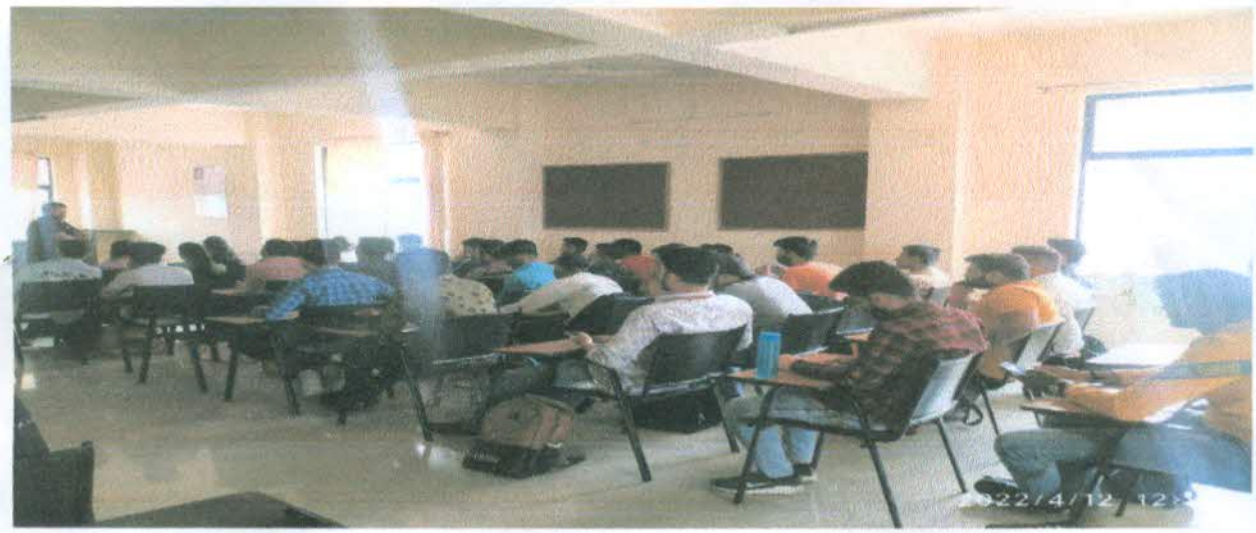
Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Event Photos-



Webinar on The New Way of Carriers and Directions by Mr.Pramodkumar D. Ahirrao on 12th April 2022



Webinar on The New Way of Carriers and Directions by Mr.Pramodkumar D. Ahirrao on 12th April 2022

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE, SRCOE, PUNE

Join us on

DATA SCIENCE BASICS AND ITS APPLICATION



SPEAKER

AYUSH SINGHAL

TIME
9:30 AM

SATURDAY
26 FEB 2022

ONLINE ZOOM MEETING

Shree Ramchandra College of Engineering Pune

SRES's

SHREE RAMCHANDRA COLLEGE OFENGINEERING

Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Reference №: SRCOE/2021-22/ Date: 26/ 02/ 2022

Webinar Report

- **Name of Program:** Webinar On **"Data Science Basics and its Application"**
- **Name of Facilitators:** Ayush Singhal
  - Assistant Professor & Coordinator- Training and Placements
  - Department of Computer Science and Engineering)
  - Meerut Institute of Technology, Meerut
- **Speaker -** Pratik Singh (Data Science Associate, TCS)
- **Venue / Platform**: Online Zoom Meeting
- **Day & Date :** Saturday, 26 February 2022
- **Time :** 11:00 - 12:00pm
- **Target Audience:** All Faculty and Students.
- **Total Number of participants :** 100
- **Objective:**

Data science is an essential part of many industries today, given the massive amounts of data that are produced, and is one of the most debated topics in IT circles. Its popularity has grown over the years, and companies have started implementing data science techniques to grow their business and increase customer satisfaction. In this webinar, we'll learn what data science is, and how you can become a data scientist.

Attachments (if any): Webinar Attendance
Photos

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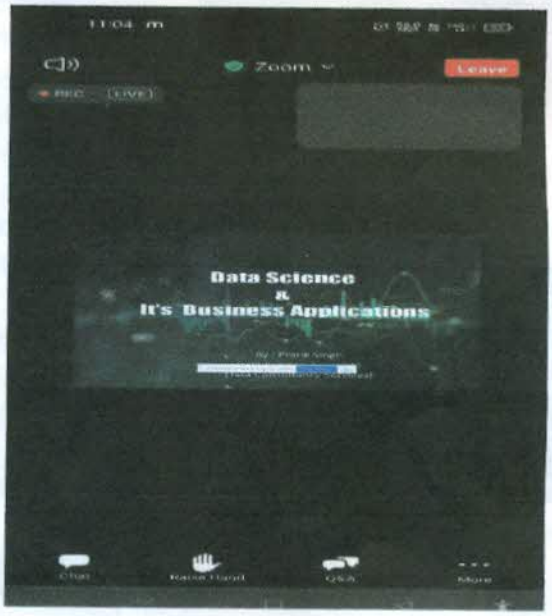
Department of Artificial Intelligence and Data Science Engineering

Webinar Photos :









Webinar On "Data Science Basics and its Application", Pratik Singh (Data Science Associate, TCS) on Saturday, February 26 2022

Shree Ramchandra College of Engineering Pune

Here is the list of students participated / attended Online webinar on "Data Science Basics and its application" on 26/02/2022

Title of Event: Webinar On "Data Science Basics and its Application"

Attendance

Timestamp	Sr. No.	Name
2/26/2022 11:00:23	1	NAIKADE OMKAR BALU
2/26/2022 11:00:24	2	NALDURGKAR AASHISH SUDHIR
2/26/2022 11:00:25	3	NEHA RAMESH BAGADE
2/26/2022 11:00:26	4	NIKALJE DIVYA POPAT
2/26/2022 11:00:25	5	KHERDEKAR KSHITIJA PURUSHOTTAM
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2/26/2022 11:00:28	7	MASARE SHAILESH SHAMRAO
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2/26/2022 11:00:28	9	WAGHMARE VISHAL MUNJABHAU
2/26/2022 11:00:32	10	ITHAPE RUTUJA SAMBHAJI
2/26/2022 11:00:33	11	JADHAV DIKSHA GULAB
2/26/2022 11:00:34	12	JAGTAP CHETAN SANDEEP
2/26/2022 11:00:34	13	JAYDIP MOHAN DHAVALE
2/26/2022 11:00:34	14	KAZI ARMAAN GOUSMOHIDDIN
2/26/2022 11:03:30	15	NIKAM RAHUL RAJARAM
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2/26/2022 11:03:33	18	HINGMIRE SHIVALI ARUN
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2/26/2022 11:07:57	36	TAMBARE NANASAHEB BABAN
2/26/2022 11:07:57	37	TANGTODE DHANANJAY VISHNU
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2/26/2022 11:10:57	39	THORAT ABHIJEET RAJENDRA
2/26/2022 11:13:62	40	MORE PRATIK RAJESH
2/26/2022 11:14:60	41	INGALE ROHIT KALIDAS
2/26/2022 11:15:61	42	JADHAV OMKAR BHARAT

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Lonikand, Pune – 412216

Department of Artificial Intelligence & Data Science Engineering

Reference №: SRCOE/AI&DS/2022-23/ Date:19/04/2022

Report of an Event

- **Title of Event:** Guest Lecture on "Software Engineering" .
- **Date:** 18/04/2022
- **Time:** 11:00 AM to 02:00PM
- **Place of Event:** Seminar Hall AI&DS Dept.
- **Name of Organizer:** SHREE RAMCHANDRA COLLEGE OF ENGINEERING,AI&DS Dept.
- **Name of Guest:** Dr. Prachi Joshi(A.P.,VIIT COE,Pune.)

- **Objective of Event:**
  - To make students aware of Software Engineering concepts.
  - Understand the importance of subject.
  - To identify the needs of real time projects and involve in problem solving process.
  - To understand the project development stages.

- **Conclusion Remarks:**

  Software Engineering topics include: computer programming, algorithms, data structures, human-computer interaction, web development, software project management, architecture and operating systems, security and usability, social responsibility and ethics, etc. Software engineers usually work in teams.

- **Attachments (if any): Event Photos**
- **Attended by:** All Staff & Students.

H.O.D.

Prof. Dr. Sujatha Rao

Shree Ramchandra College of Engineering Pune

Principal

Prof.Dr.A.D.Desai

Event Photos-









Guest Lecture on "Software Engineering on- 18/04/2022

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SHREE RAMCHANDRA COLLEGE OFENGINEERING

Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Date: 18/4/22

Name of Event: Guest lecture On "Software Eng"- Prachi Joshi (VIIT)

Roll No.	Name of Students	Sign
1.)	Pujari Gayatri Pandit.	Gayatri
2.)	Abhilesh Dagadu ghule.	~~Abhi~~
3.)	A H Ahire Rupesh	Rupesh
4.)	Zende Pratik	~~Pratik~~
5.)	Thorat Abhijeet	~~Abhijeet~~
6.	Tangtode Dhananjay	~~Tangtode~~
7.	Shinkar Rutuja	~~Rutuja~~
8.)	Shetye Satish	Satish
9.]	Shayan Asif	
10.	Sayali Kambale	
11.)	~~Sayali~~ Sawant Sarthak	~~Sawant Sarthak~~
12.]	Rohan Howale	
13.	Raut Prashant	~~Prashant~~
14.	Ritesh Mali	~~Ritesh M.~~
15	Raut prashant kadu	~~R~~ Mali
16	Thorat Abhijeet	~~A Thorat~~
17	Ritesh Rajaram Mali	~~Ritesh M~~
18)	Shinde Adesh Sanjay	~~AS Shinde~~
19	Saykar Adesh	Saykar Adesh
20	Sabne Narsing	~~Narsing S~~
21)	Zende Pratik.	~~Pratik Z~~
22)	Sawant Dipali	~~Dipali Sawant~~
23	Sarvade Saurabh	~~S.S. Siddharam~~

Shree Ramchandra College of Engineering Pune

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Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Reference №: SRCOE/AI&DS/2021-21/ Date:1/10/2021

Report of an Event

- **Title of Event: Webinar on-**How to Gracefully Claim Dominance in the Information Technology Industry
- **Date:** 29 September -30 September 2021 **Time:** 2 pm -4 pm
- **Platform Name of Event:** Zoom Meetings
- **Event ID:** 786 666 1234 **Password:** 2021
- **Name of Organizer:** Department of Artificial Intelligence & Data Science
- **Name of Speaker:** K.Turk

- **Objective of Event:**
  To give knowledge about Modern IT industry and develop skill set required by IT to claim Dominance in the Information Technology Industry
- **Topics Covered:**

  Big Data, Data Analytics, Cloud Data Management, Machine Learning, Career opportunities in IT.

- **Detailed Summary:**

Day -1

Sr.No.	Timing	Topic	Details
1	2-3pm	Big Data Analysis	With today's technology, it's possible to analyze your data and get answers from it almost immediately – an effort that's slower and less efficient with more traditional business intelligence solutions
2	3-3:15pm	**Short Break**	
3	3.15to 4.30 pm	Cloud Computing	Most of the companies have reduced their cost and achieve better result in core business operation with the help of cloud computing. Therefore, the cloud architect career path is one of the promising careers for cloud aspirants



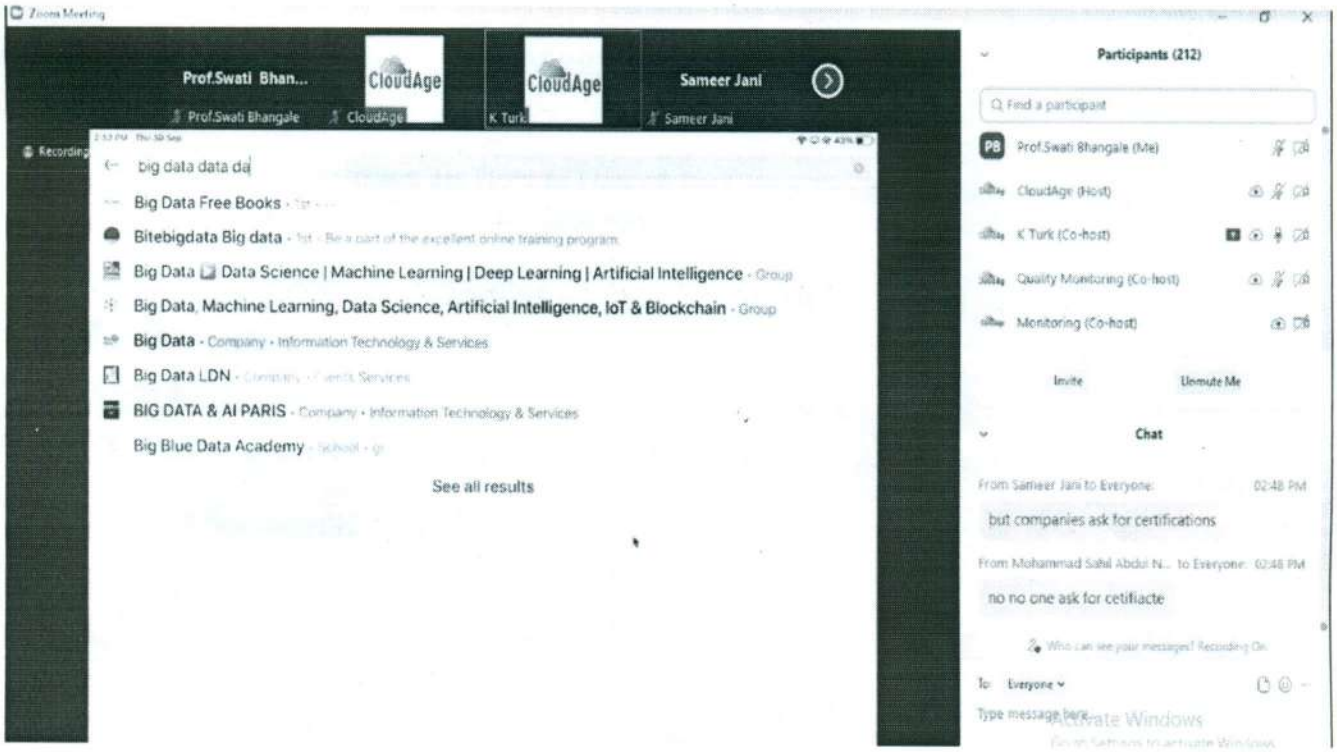
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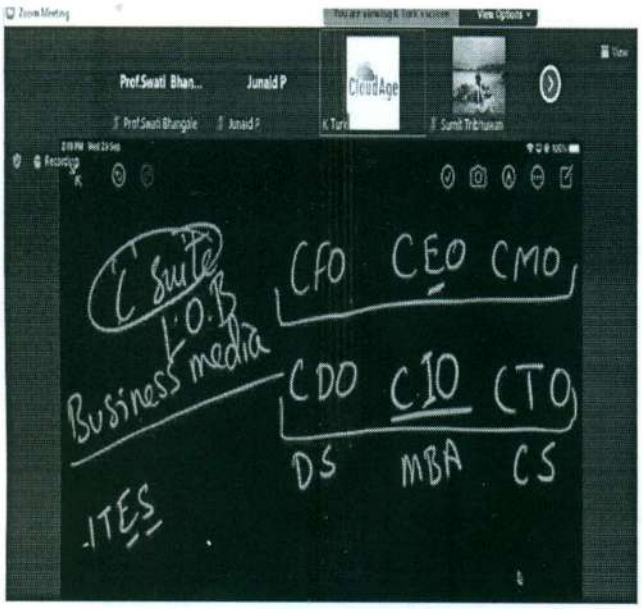
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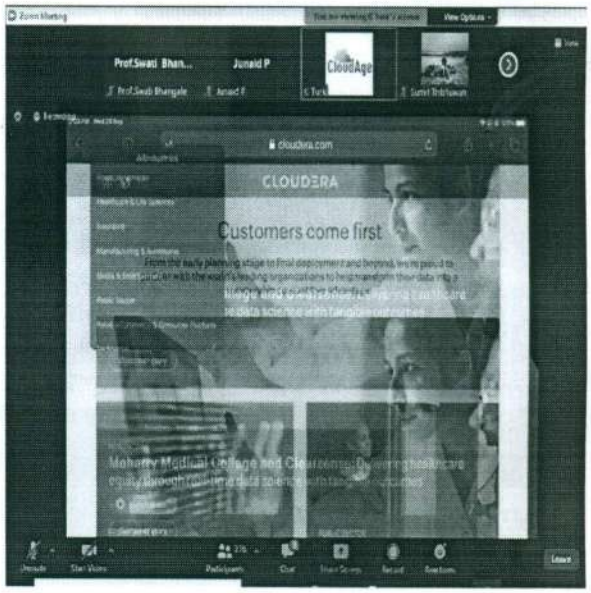
Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Event Photos-







Webinar on-How to Gracefully Claim Dominance in the Information Technology Industry-29 September -30 September 2021

Shree Ramchandra College of Engineering Pune

Day-2

Sr.No.	Timing	Topic	Details
1	2pm-3pm	IT Job Market	The IT job market will continue to get more competitive as people follow the money and jobs. This is why it's important to clearly identify your career objectives and develop a learning plan with the necessary skills, computer training and IT certifications to build a competitive edge and achieve your goals.
2	3pm-3.15pm	**Short Break**	
3	3.15 pm-4.30pm	Dominance of IT jobs	The dominance of the IT job market is due to numerous factors, including the rapid growth of the Internet and e-commerce, lower hardware prices allowing more businesses to upgrade their technology, increased demand for information security for unprecedented business intelligence, cloud computing revolutionizing.

➢ **Conclusion Remarks:**

- Speaker K.Turk Discussed opportunities in IT and how to grab it by upgrading one self.
- The shortage of qualified professionals in this domain presents a golden opportunity for those who are willing to learn the necessary cloud computing skills. The most in-demand cloud platforms are maintained by Amazon (Amazon Web Services, or AWS), Microsoft (Azure), and Google (Google Cloud Platform)

✓ **Attachments (if any): Event Attendance**

✓ **Photos**

Shree Ramchandra College of Engineering Pune

H.O.D.
Prof. Dr. Sujatha Rao

HOD
Dept. of AI & DS Engg.,
S.R.C.O.E., PUNE

SRES's
SHREE RAMCHANDRA COLLEGE
OF ENGINEERING

JOIN US ON
WEBINAR

AUTOMATION AI CENTRE OF EXCELLENCE

Venue:
Department of Artificial Intelligence & Data Science,
SRCOE, Pune



MR. RAVI LAKHPATI
AUTOMATION AI INFOSYSTEM PVT. LTD

25TH MARCH 2022

TIME
10:00 PM

JOIN NOW

123-456-7890

SRES's
SHREE RAMCHANDRA COLLEGE OFENGINEERING
Lonikand, Pune – 412216
Department of Artificial Intelligence and Data Science Engineering

Reference №: SRCOE/2021-22 Date: 25/ 03/ 2022

Report of an Event

- **Title of Event:** Automation AI Centre of Excellence (Guest lecture)
- **Date:** 25th March 2022
- **Time:** 11 am - 12 pm
- **Venue :** AI & DS Seminar Hall
- **Name of Organizer:** Department of Artificial Intelligence & Data Science
- **Name of Speaker: Mr. Ravi Lakhpati,** Marketing Head, Automation AI Infosystem Pvt. Ltd.

➢ **Objective of Event:**

Automation of AI Company that delivers AI-powered software and technical solutions to businesses that want to leverage data and machine learning algorithms in businesses.

➢ **Topics Covered:**

- Application Flow of AI
- Data Labeling and
- Data Management.
- Module training
- Demonstration of Different Project Modules.

Conclusion Remarks:

Speaker Mr. Ravi Lakhpati, Discussed opportunities in IT and how to grab it by upgrading one self.

They explain all the details of AI Tool and working system of software in that tool.

They explain application flow of AI Tool and also demonstrate how it use. Also explain the Data process, data learning, Quality management, data management, model training, model services etc.

- What are the opportunities for AI Research lab in market?
- Technical Key Features.
- Value add to students.

✓ **Attachments : Event Attendance**
✓ **Photos**

HOD
Prof. Dr. Sujatha Rao

HOD
Dept. of AI & DS Engg.,
S.R.C.O.E., PUNE

Shree Ramchandra College of Engineering Pune

Principal
Prof. Dr. A.D. Desai

SRES's

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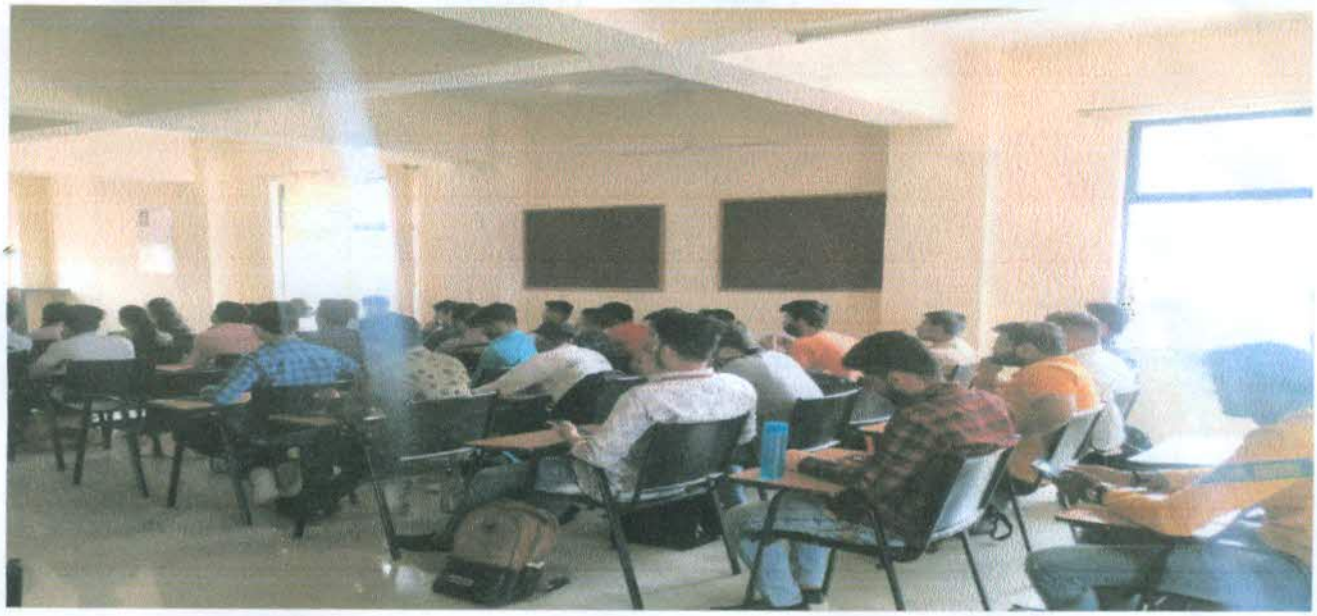
Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Event Photos:



Automation AI Centre of Excellence byMr. Ravi Lakhpati, Marketing Head at Automation AI Infosystem Pvt. Ltd on 25 March 2022



Automation AI Centre of Excellence by Mr. Ravi Lakhpati, Marketing Head at Automation AI Infosystem Pvt. Ltd on 25 March 2022

Shree Ramchandra College of Engineering Pune

SRES's

SHREE RAMCHANDRA COLLEGE OFENGINEERING

Lonikand, Pune – 412216

Department of Artificial Intelligence and Data Science Engineering

Date: 25th March, 2022

Name of Event: Automation AI Center of Excellence

Sr. No.	Name of Students	Sign
1	Bagal Aditya	Baditya
2.	GOLE ATHARVA SATISH.	Atharva.
3.	BHIL SURAJ NAGNATH	B.J.
4.	KAZI ARMAAN GAUSMOHIDDIN	
5)	Gole Atharv satish	Gole
6	Garad Gaurav Anand	
7	Thale Rohit kalidas	Thale
8.	SHEIKE PRADIP NIVRUTI	SPNivru.
9.	Raut prashant kadu	Raut
10)	Wari Himanshu santosh	Wari
11)	Neha ramesh bhagade	Neha
12)	Pawar Ruturaj Sambhaji	Pawar.
13)	Priyanka Uttam Gophane	P.G.
14)	Raut Prashant Kadu	Raut
15	Zende Pratik Ravindra	Pratik Zende.
16)	Gaikwad Akash Dattu.	Gaikwad
17)	Sable Narsing Dilip	Sable
18)	Swami dipali paramesh	Swami
19	Naikade Omkar	Naikade
20	Pandit Prasad	Pandit
21	prathamesh Chandan	Chandan
22	Hingmire Shivali	Shivali
23	Wani Himanshu	Wani

Shree Ramchandra College of Engineering Pune

SRES's
SHREE RAMCHANDRA COLLEGE OFENGINEERING
Lonikand. Pune – 412216
Department of Computer Engineering

Reference No. SRCOE/COMP/2021-22 Date:-10/05/2022

Notice

All students of TE are hereby informed that we have arranged a expert lecture for Data Science and Business Data Analytics on 11/05/2022 and 12/05/2022. The speaker is going to explain the contents of practical so this session is too much beneficial for all TE students for upcoming practical exams

Note:-

Session will start by 9:30A.M

Strictly action will be taken against absent students.

Subject Coordinator

HoD

Shree Ramchandra Education Society's
Shree Ramchandra College of Engineering
Approved by AICTE, New Delhi, DTE, MSBTE, Govt. of Maharashtra and Affiliated to University of Pune
351& 333/1, Lonikand, Behind BJS College, Off Pune-Nagar Road, Pune - 412 216. M.S.
Ph.: +91 9595940195 / 9595748595 Fax : 020 - 26659999
E-mail : srcoepune@gmail.com Web.: www.srespune.org

Mr. Maruti R. Bhumkar
Founder President

Mr. Shankar R. Bhumkar
Secretary

Prof. Dr. Avinash. D. Desai
M. E. (Mech.), Ph. D. (Mech. Engg.)
Principal

Ref. No.: SRES/SRCOE/Comp/2021-22/45 Date :

To,

Mrs. Nilofar Zaman

Trinity Academy of Engineering. Pune,

Pune.

Sub: - Letter of conduction of Guest Lecture on Data Science & Business Data Analysis.

Dear Sir,

We would like to extend our heartfelt appreciation for your time and effort for delivering two day Guest Lecture on Data Science & Business Data Analysis (DSBDA-303148) on date: - 11/05/2022 & 12/05/2022.from 9:00AM to 4:00PM.

We value our association with you and we look forward to our ongoing involvement in academic matters and sharing the good times ahead.

I thank you once again for your cooperation.

With Best Regards,

Prof. Dr.A.D. Desai
Principal,
SRCOE, Lonikand, Pune.

Class:T E(Computer Enginering)
Topic: Session DBMS Attendance

Date:11/05/2022

Sr no	Name	10:00 to 11:00	11:00 to 12:00	12:00 to 01:00	01:00 to 01:30	01:30 to 02:30	02:30 to 03:30
1	KADAM PRITAM MAHADEV						
2	ADITYA MAHARNAVAR						
3	ADSUL DHANASHRI MOHAN						
4	AHER DNYANESHWAR						
5	AKHUTE RAVINDRA						
6	BHAKARE AKASH BALASAHEB						
7	BIRDAVADE YASH RAMDAS						
8	CHIKANE ASHISH NIVRUTHI						
9	DASUD KRISHNA VAIJNATH						
10	DOIFODE PRIYANKA BAPU						
11	DOIPHODE ABHISHEK SURESH						
12	DOLLE PRANALI GANGADHAR						
13	DONE RAM PRABHAKAR						
14	GANESH MENDHAKAR						
15	GHARGE PRASAD SANTOSH						
16	GHATKAR FALGUNI SUDHIR						
17	GHULE PRASHANT						
18	GULVE OMKAR MAHADEO						
19	GUNJAL PRACHI LAXMAN						
20	HARDE ROHINI DEVRAM						
21	JADHAV SALONI RAJENDRA						
22	KACHARE MANALI MARUTI						
23	KALE GANESH RAVINDRA						
24	KAMBLE ASHISH SHRIRAM						
25	KAMBLE MANSING GYANDEV						
26	KAMBLE SHARAD DHONDIRAM						
27	KANANI AMIT YUSUF ALI						
28	KHADSE RADHIKA RAJESH						
29	KHAIRE PRATIKSHA BHAUSAHEB						
30	KHAIRNAR JAGRUTI KAUTIK						

Class:T E(Computer Enginering)
Topic: Session DBMS Attendance

Date:11/05/2022

31	KHANDRE HARSHADA DEVESH	Dhande	Dhande	Dhande		Dhande	Dhande
32	KHANDVE MAYUR ASHOK						
33	KHARCHE SAKSHI SHRIKRUSHNA	Sakshi	Sakshi	Sakshi		Sakshi	Sakshi
34	KHOMANE NEHA OGHAJI						
35	KOLHE ASHOK SUNIL						
36	KOLHE SHIVAM MEGHASHYAM	Shivam Kolhe	Shivam Kolhe	Shivam Kolhe		Shivam Kolhe	Shivam Kolhe
37	KSHIRSAGAR PRANAV GOVIND	P	P	P		P	P
38	LALGE AKSHAY DHANANJAY						
39	LENGARE TEJAL ANIL	Tejal	Tejal	Tejal		Tejal	Tejal
40	LONDHE SANJANA HARIBHAU	S.H.Londhe	S.H.Londhe	S.H.Londhe		S.H.Londhe	S.H.Londhe
41	MAGAR ROHIT SANJAY	Rohit	Rohit	Rohit		Rohit	Rohit
42	MAHATO PRAVEEN GOPAL	Praveen	Praveen	Praveen		praveen	praveen
43	MANE PRAMILA KISAN	Pramila	Pramila	Premila		Pramila	Pramila
44	MAWALE PRATHAMESH SUNILRAO						
45	MD SHAYEQUE ZIYA	Shayeque	Shayeque	Shayeque		Shayeque	Shayeque
46	PACHARNE RUSHIKESH SAHEBRAO						
47	PANDHARE PRAVIN LAXMAN	Pravin	Pravin	Pravin		Pravin	Pravin
48	PATHAN ALAMAS LIYAKAT						
49	PATIL INDRAYANI VIKAS	Vikas	Vikas	Vikas		Vika	Vikas
50	PATIL URMILA RAMESH	Urmila	Urmila	Urmila		Urmila	Urmila
51	PAWAR RUTUJA VILAS						
52	PAWAR SHUBHAM HANUMANT	Shubham	Shubham	Shubham		Shubham	Shubham
53	PHALKE SAMARTH SANJAY						
54	PIYUSHA DHANANJAY POL	Piyusha	Piyusha	Piyusha		Piyusha	Piyusha
55	PRAFUL SHAH	Prafull	Prafull				
56	RATHOD AKSHAY GANPAT						
57	ROHIT GUPTA	Rohit Gupta	Rohit Gupta	Rohit Gupta			
58	SAKORE VISHAL VILAS	Vishal	Vishal	Vishal		Vishal	Vishal
59	SALUNKHE AJINKYA SANJAY						
60	SATPUTE TEJAS SURESH	Tejal	Tejal	Tejal			
61	SHAH AQUIB KHADIM						
62	SHARDUL KUNAL AABA	Kunal	Kunal	Kunal		Kunal	Kunal
63	SHEDAGE PAWANKUMAR DHANAJI						
64	shinde nikhil khande	Shinde					

Class:T E(Computer Enginering)
Topic: Session DBMS Attendance

Date:11/05/2022

Sr no	Name	10:00 to 11:00	11:00 to 12:00	12:00 to 01:00	01:00 to 01:30	01:30 to 02:30	02:30 to 03:30
64	SHINDE NIKHIL KHANDU				break		
65	SHINDE SAMBHAJI RAMRAO						
66	SHIVALE SURAJ RAMDAS						
67	SONAWANE PALLAVI SANTOSH						
68	TAMBE BHAVIKA SAMPAT						
69	TARANGE PRANALI NAVNATH	A	A	A		P	
70	THORAT RUTUJA YASHWANT	A	A	A			
71	TODKAR RAM SUDAM						
72	WALKE AASHISH BALASAHEB						
73	WAVHAL SHREYA BHARAT						

Date:12/05/

Class:T E(Computer Engineering)
Topic: Session DSBDA Attendance

Sr no	Name	10:00 to 11:00	11:00 to 12:00
1	KADAM PRITAM MAHADEV		
2	ADITYA MAHARNAVAR		
3	ADSUL DHANASHRI MOHAN		
4	AHER DNYANESHWAR		
5	AKHUTE RAVINDRA		
6	BHAKARE AKASH BALASAHEB		
7	BIRDAVADE YASH RAMDAS		
8	CHIKANE ASHISH NIVRUTHI		
9	DASUD KRISHNA VAIJNATH		
10	DOIFODE PRIYANKA BAPU		
11	DOIPHODE ABHISHEK SURESH		
12	DOLLE PRANALI GANGADHAR		
13	DONE RAM PRABHAKAR		
14	GANESH MENDHAKAR		
15	GHARGE PRASAD SANTOSH		
16	GHATKAR FALGUNI SUDHIR		
17	GHULE PRASHANT		
18	GULVE OMKAR MAHADEO		
19	GUNJAL PRACHI LAXMAN		
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21	JADHAV SALONI RAJENDRA		
22	KACHARE MANALI MARUTI		
23	KALE GANESH RAVINDRA		
24	KAMBLE ASHISH SHRIRAM		
25	KAMBLE MANSING GYANDEV		
26	KAMBLE SHARAD DHONDIRAM		
27	KANANI AMIT YUSUF ALI		
28	KHADSE RADHIKA RAJESH		
29	KHAIRE PRATIKSHA BHAUSAHEB		
30	KHAIRNAR JAGRUTI KAUTIK		

Class:T E(Computer Engineering)
Topic: Session DSBDA Attendance

Date:12/0

31	KHANDRE HARSHADA DEVESH		
32	KHANDVE MAYUR ASHOK		
33	KHARCHE SAKSHI SHRIKRUSHNA		
34	KHOMANE NEHA OGHAJI		
35	KOLHE ASHOK SUNIL	KholeAkas	Kkole Akash.
36	KOLHE SHIVAM MEGHASHYAM		
37	KSHIRSAGAR PRANAV GOVIND	Pranv	Pranv.
38	LALGE AKSHAY DHANANJAY	Pranv	
39	LENGARE TEJAL ANIL		
40	LONDHE SANJANA HARIBHAU	Sanjy	Sanjy
41	MAGAR ROHIT SANJAY	Rohit	Rohit
42	MAHATO PRAVEEN GOPAL	Praveen	Praveen.
43	MANE PRAMILA KISAN	Pramla	Pramila
44	MARAJE PRATHAMESH SUNILRAO		
45	MD SHAVEQUE ZIYA	Shayan	Shaz
46	PACHARNE RUSHIKESH SAHEBRAO		
47	PANDHARE PRAVIN LAXMAN	Pravin	Pravin
48	PATHAN SAMAS LIYAKAT		
49	PATIL INDRAYANI VIKAS	Vikas	Vikas
50	PATIL URMILA RAMESH	Urmila	Urmila
51	PAWAR RUTUJA VILAS		
52	PAWAR SHUBHAM HANUMANT	Shubham	Shubham
53	PHALKE SAMARTH SANJAY		
54	PIYUSHA DHANANJAY POL		
55	PRAFUL SHAH	Shay	Shay
56	RATHOD AKSHAY GANPAT		
57	ROHIT GUPTA	Rohit	Rohit
58	SAKORE VISHAL VILAS	Vishal	Vishal
59	SALUNKHE AJINKYA SANJAY		
60	SATPUTE TEJAS SURESH	Tejas	Tejas
61	SHAH AQUIB KHADIM		
62	SHARDUL KUNAL AABA	Kunal	Kunal
63	SHEDAGE PAWANKUMAR DHANAJI		

	SRES's **SHREE RAMCHANDRA COLLEGE OFENGINEERING** Lonikand, Pune – 412216 **Department of Computer Engineering**	Record No.: **ACDM/R/060** Revision: **00** Date:

Speaker Feedback Form for workshop on DSBDA

Department: Computer Engineering **Academic Year: 2021-2022** **Semester: II** **Date :11/05/2022**

The students were interactive and overall experiance of the staff was also very good.

Would look foward for more such sessions.

Rawan
11/05/22
(Prof. Nilufar Zaman)
Trinity Academy of Engineering, Pune.

	SRES's **SHREE RAMCHANDRA COLLEGE OFENGINEERING** Lonikand, Pune 412216 **Department of Computer Engineering**	Record No.: ACDM/R/060 Revision: 00 Date:

Student Feedback Form for workshop on DSBDA

Department: Computer Engineering **Academic Year:** 2021-2022 **Semester:** II **Date :**11/05/2022

Session was very good, It will be definately help us during our Project.

Thank you.

Shivaji Thus.

	SRES's **SHREE RAMCHANDRA COLLEGE OFENGINEERING** Lonikand, Pune 412216 **Department of Computer Engineering**	Record No.: ACDM/R/060 Revision: 00 Date:

Student Feedback Form for workshop on DSBDA

Department: Computer Engineering **Academic Year: 2021-2022** **Semester: II** **Date :11/05/2022**

The Session was very good., The lecturer was very clear with concepts and she make sure at everyone would get what she had teached, In practical also she clears our concepts very well which were not cleared in lecture. Thankyou for being here for us mam. and also I thanks to our HOD who make the awosome lecturer available for us. I think there should be more lectures of this lecturer. Thankyou onceagain.

	SRES's **SHREE RAMCHANDRA COLLEGE OFENGINEERING** Lonikand. Pune 412216 **Department of Computer Engineering**	Record No.: **ACDM/R/060** Revision: **00** Date:

Student Feedback Form for workshop on DSBDA

Department: Computer Engineering **Academic Year: 2021-2022** **Semester: II** **Date :11/05/2022**

- Teaching is very good we help to do some project and mam give us the basic knowleadge and arrange a practical section it is very helpfull to improve our knowledge.

Thank you.

SRES'

SHREE RAMCHANDRA COLLEGE OFENGINEERING

Lonikand, Pune – 412216

Department of Computer Engineering

Date: 10-05-2022

To,
Prof Nilofar Zaman ,
Trinity Institute Of Science and Technology
Pune .

Dear Sir,

On behalf of **Shree Ramchandra of College of Engineering, Pune**, I am very pleased to have the honor of inviting you to deliver expert lecture on Data Science and Business Data Analytics DSBDA

We have arranged the session on 11/05/2022 and 12/05/2022. With your expertise in this field we are confident that you will be able to impart numerous valuable knowledge and insights pertaining to the subject.

.

Thank you.

HOD
Prof Shubhra Mathur

SRES's
SHREE RAMCHANDRA COLLEGE OF ENGINEERING
Lonikand, Pune – 412216
Department of Electrical Engineering

Report of an Event

❖ **Title of Event:** PLC and SCADA Workshop

- **Date:** 20th Sept.2021 to 22th Sept. 2021 **Time:** 10 am – 4.30 pm

- **Platform Name of Event:** Google Meet : https://meet.google.com/yug-pipk-bes

❖ **Name of Organizer:** Department of Electrical Engineering

❖ **Name of Speaker:** Mr. Ajay Lohate (BE(EE), ME(PE&D) Head of Automation Domain)
Infinity Technology Pvt. Ltd.

Objective of Event:

- To make students acquainted with the conceptual as well as practical knowledge of PLC and SCADA & latest technologies being used to achieve industrial automation
- To inculcate the basic fundamentals of automation in the students and provide them with a platform to work on in the near future.

Topics Covered:

- Introduction to Automation and its evolution
- Different Type of Industrial Control Mechanisms
- Introduction to PLCs
- Detail study of PLC & SCADA
- Ladder Logic Programming
- HMI
- SCADA
- Area of Applications

➢ **Detailed Summary:**

Day -1 (20-09-2021)

Sr.No.	Timing	Topic	Details
1	10-12pm	Industrial Automation And PLC	Recent advances in Industrial Automation Concept of Automation, Need & history of automation, Basics of PLC Introduction to PLC, pin diagrams, Block diagram of PLC, Detailed information of PLC. Allen Bradley & Rockwell Automation's Details Brief Description To Input/ Output Pins Of Micrologix-1000 Ladder Diagram Basics
2	12-12.30 pm	**Lunch Break**	
3	12.30 To 4.30 pm	PLC	Introduction To RSLogix Downloading a Ladder Program in PLC Using RSLinx. How To Take Input from Panel How To Give Output To Panel Running First PLC Application Design a PLC system from scratch, power requirements, I/O types, networks Use remote I/O systems, Design and Configure networks, DH485, DH+ or Ethernet. Understand communications port parameters .

Day-2 (21-09-2021)

Sr.No.	Timing	Topic	Details
1	10-12pm	SCADA	Creating a new SCADA application Creating Database of Tags Creating & editing graphic display with Animation. Creating Real-time & Historical Trends Alarms & Events Writing logic through script Troubleshooting and applications
2	12-12.30 pm	**Short Break**	
3	12.30 To 4.30 pm	HMI	Introduction of Software Navigation to software Topic Configuration Communication between PLC and SCADA/HMI Tag Configuration Types of tag How to load back up into HMI

Day-3 (22-09-2021)

Sr.No.	Timing	Topic	Details
1	10-12pm	Programming and Application	Developing ladder logic of given examples Practical's Use of RSLinx to extract data from PLC to Excel spreadsheet
2	12-12.30 pm	**Short Break**	
3	12.30 To 4.30 pm	Examples of PLC and SCADA	RsSimulator, Wonderware InTouch (SCADA)

Conclusion Remarks:

- Speaker Mr. Ajay Lohate discussed opportunities in Automation Industry.
- Industrial Automation i.e. to "Automate Industry" is the basic need of almost every type of manufacturing and production unit today. Thus at the end students will become aware about the basic Knowledge of Industrial Automation, PLCs and their relevant module.

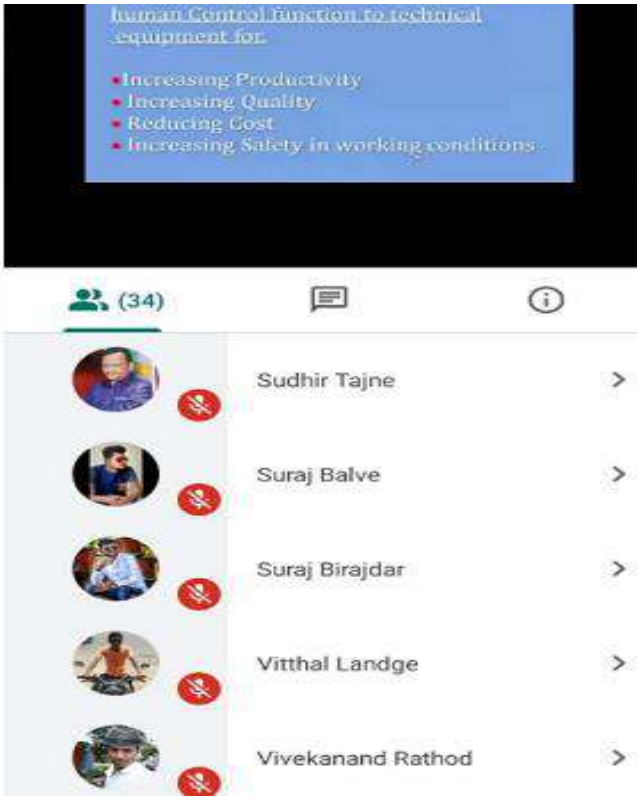
✓ **Attachments (if any):** Webinar Attendance

✓ **Attended by:** 35 Participants (Including 07 Faculty)

Prof. J.Purohit — **Prepared by**

Prof. V.M.V Rao — **Checked by**





ABOUTSRCOE

Shree Ramchandra college of Engineering, Pune was established in the year 2011 approved by AICTE, New Delhi, affiliated to Savitribai Phule Pune University, Pune. Recently accredited by NAAC.The SRCOE has a good quality infrastructure. The Institute offers undergraduate programs namely Civil, Mechanical, Computer, Electrical, E&TC and also offers Post Graduation programs in Mechanical. The institute has dynamic, dedicated, experienced, qualified and result - oriented teaching faculty, Well-equipped laboratories, Workshop, and digital classrooms.

ABOUT ELECTRICAL ENGINEERING DEPARTMENT

Electrical Engineering is one of the premium branch of Shree Ramchandra College of Engineering. A sustained growth with academic brilliance is seen in our department with highly supportive, academically distinctive and experienced faculty, disciplined students and service oriented supporting staff. In our department every care and effort is taken to provide quality education to the students, so that they are suitable for the current needs of Industry and society as a whole.

CHIEF PATRONS

Hon. Shri. Maruti R. Bhumkar.
President, SRES Pune.

CONVENER

Prof. Dr. Avinash D. Desai,
Principal, SRCOE Pune.

ORGANIZING SECRETARY

Prof. V.M.V. Rao
(HOD, Department of Electrical Engineering)

ORGANIZING COMMITTEE

Prof. J. Purohit
Prof. D.Tikar
Prof. P.R. Patil
Prof. S.P.Arbale

FOR REGISTRATION CONTACT

Co-Coordinator
Prof. J. Purohit
(Asst. Prof. Electrical Engg.Dept.)
Email: jyotirmayee.purohit@gmail.com
Contact no. (8793950520)

SRES's
SHREE RAMCHANDRA COLLEGE OFENGINEERING
Lonikand, Pune – 412216
[ACCREDITED BY NAAC]



Three days Online workshop on,
" PLC&SCADA"
On 20th Sept. 2021 to 22th Sept. 2021

Organized by

Department of Electrical Engineering
Pune - Nagar Road, Behind BJS College,
Wagholi, Pune, Maharashtra 412216
Cell No. +91 7276317328
Email ID: vsrao.ee@email.com
www.srespune.org