



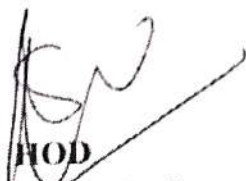
Date: 26/04/2023

Reference No: SRCOE/AI&DS/2022-23/

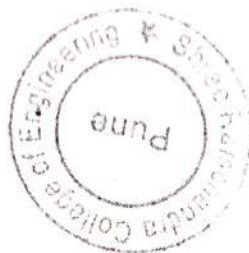
### Report of an Event


- **Title of Event:** Six Days Workshop on Robotics Process Automation(RPA)-UIPATH.
- **Date:** 17/04/2023 to 24/04/2023.
- **Place of Event:** Seminar Hall, Alibagh, AI&DS Dept
- **Name of Organizer:** SHREE RAMCHANDRA COLLEGE OF ENGINEERING, AI&DS Dept.
- **Objective of Event:**
  - Robotic process automation or *RPA* handles repetitive business processes using software robots to perform tasks, parse, and trigger error-free responses
  - The UiPath is a robotic process automation tool for large-scale end-to-end automation. For an accelerated business change, it provides solutions for businesses to automate routine office activities. It uses a variety of methods to transform tedious tasks into automated processes. The connecting metalled road is under the Dept. of Lighthouses & Lightships. The lighthouse tower has been constructed on the slopes of Korlai hill. On the summit exists the Korlai fort built by Portuguese in 16th Century.
- **Conclusion Remarks:**

UiPath Robot is the execution host that runs processes designed in UiPath Studio. In Orchestrator, the robot object represents the image of the UiPath Robot and helps define its capabilities and access to Orchestrator resources.
- **Attachments (if any):** Event Photos
- **Attended by:** All Staff & Students.

  
HOD  
Prof. Dr. Sujatha Rao

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



  
Principal  
Prof. Dr. A.D. Desai



Accredited by B++ by NAAC  
**Shree Ramchandra College of Engineering**  
 Lonikand, Pune

**Department of AI&DS**  
 Organizing 6 Days Workshop

# ROBOTIC PROCESS AUTOMATION (RPA) – UIPATH

Date: 17th April to 22nd April 2023

### BRIEF CONTENT:

- RPA & UPATH INTRODUCTION
- Flight Control Flow
- Flight Activities & Selections
- Advanced Data Manipulation
- Orchestration & Deployment

### VENUE:

A-Block, 1st Floor, Seminar Hall, AI&DS  
 Department, Shree Ramchandra College  
 of Engineering, Wagholi, Pune.

### Trainers



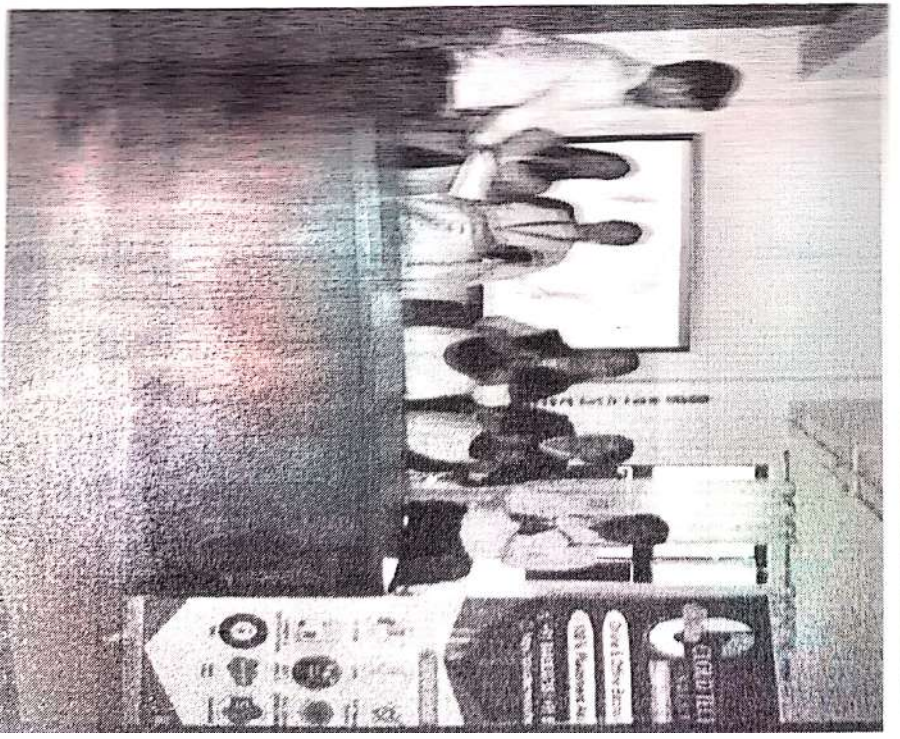
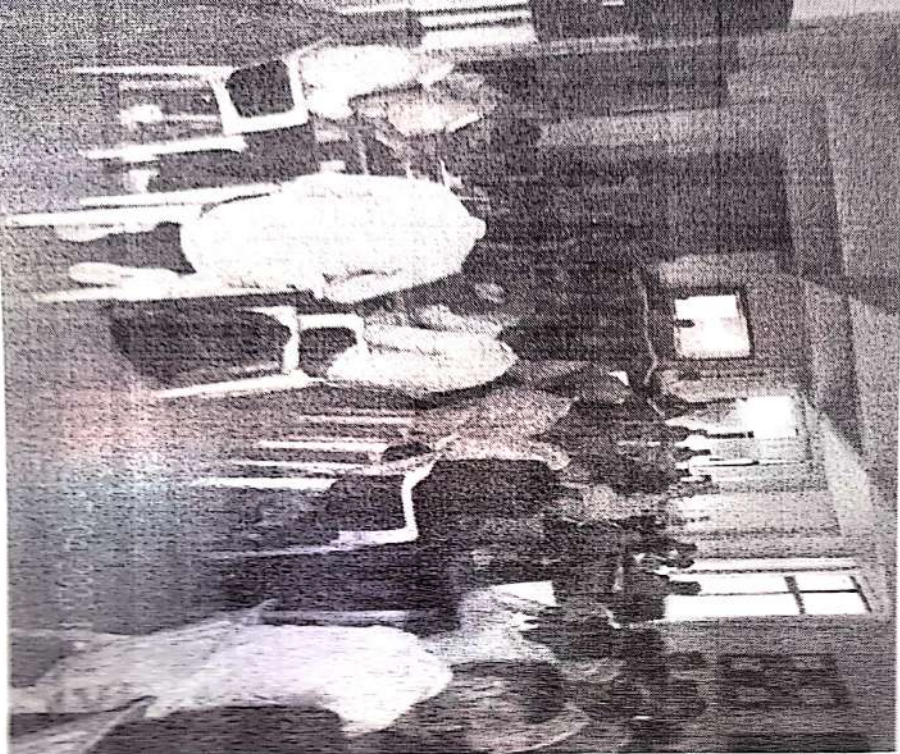
#### AI & DS FACULTY

Assistant Professor for AI & DS  
 Department, AI & DS

#### SEPERA FACULTY

Assistant Professor for AI & DS  
 Department, AI & DS

Assistant Professor for AI & DS  
 Department, AI & DS





SRES'S

**SHREE RAMCHANDRA COLLEGE OF ENGINEERING**

Lonikand, Pune - 412216

**Department of Computer Engineering**

### **Report of a workshop on Python**

❖ **Title of Event:** "Workshop on Python"

❖ **Date:** 18/04/2023

**Time:** 11:30 AM to 04:00 PM

❖ **Platform Name of Event:** Seminar Hall, Computer Department, First Floor, Shree Ramchandra College of Engineering, Lonikand, Pune.

❖ **Name of Organizer:** Department of Computer Engineering, Shree Ramchandra College of Engineering, Lonikand, Pune.

❖ **Name of Speaker:** Mr. Pramod Jadhav, Trinity Academy of Engg., Kondhwa, Pune.

❖ **Objective of Event:** The Vision of this workshop aims to develop students with well rounded personality, flexible enough to adjust in the changing needs of time for global competitiveness and equip them with knowledge & skills in updated computer language

❖ **Topics Covered:** The topics covered in the session were Algorithmic Problem Solving, Data Expressions, Statements, Control Flow, Functions, Lists, Tuples, Dictionaries, Files, Modules and Packages.

❖ **Detailed Summary:**  
Department of Computer Engineering, Shree Ramchandra College of Engineering, Lonikand, Pune had organized a workshop on Python, on Tuesday, 18 April 2023 to 27 April 2023 from 11.30 AM to 04.00 PM. The workshop was organized for the SE students in the morning 11.30 a.m. Nearly 78 students participated in the lecture. The workshop successfully came to an end by 04.00 p.m, many students came forward with questions and clarified their doubts. The students thanked the management for arranging this workshop. The vote of thanks was given by Prof. Komal Yadav.

❖ **Conclusion Remarks:** Workshop suggests ways to enhance the value of Python with Machine Learning, and working Knowledge of Programming skills and python.



## Python Programming:

- Overview of Python Features
- Python Installation Python
- Documentation
- using help() and help interactive mode in shell
- Virtual Environments
- IDE (Spyder, Jupyter Notebook, Vscode, Pycharm)
- Python shell
- Programs using Command prompt
- Comments

## Operators -

- Operators (unary and binary) and Expressions
- Operator Precedence and Associativity
- Relational and Boolean operations
- Quotations in python
- Functions -
- Print function
- Identifiers & Keywords Creating and Using Variables Type

## Function

- Input Function
- Numbers
- DataType declarations
- Control Statement
- Code Structuring

## Strings -

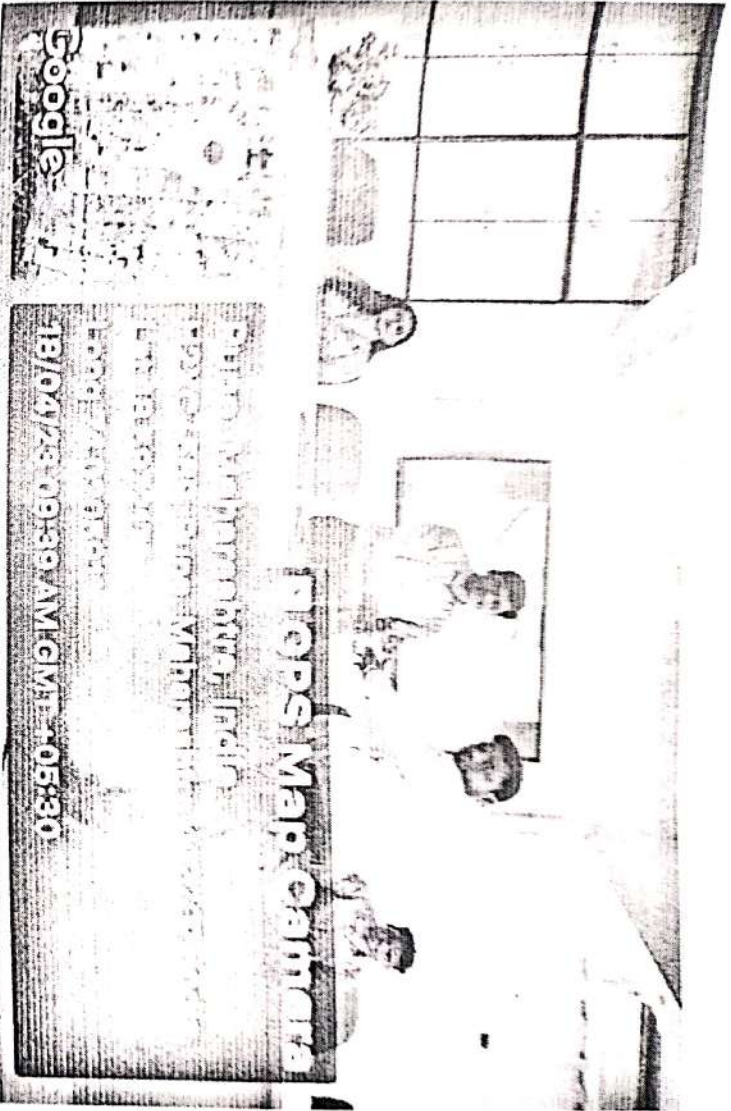
- Introduction to Strings
- ASCII and Unicode String
- String Operators
- String Functions Raw
- Strings

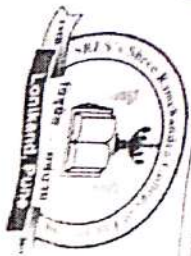
## Introduction to Data Structures

- Lists
- Concept of Mutability and Immutability



Attachments (if any):





SRCCOE

**SREE RAJCHANDRA COLLEGE OF ENGINEERING**

LoniKand, Pune 412216

Department of Computer Engineering



Attended by: 78 participants

*[Signature]*

Prof. Ashvini Pawale

Prepared by

*[Signature]*

Prof. Komal Yadav

Event Co-ordinator

*[Signature]*

Prof. Shinde B.A.

H.O.D

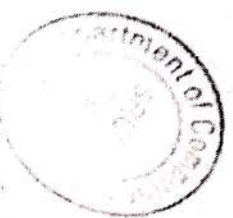




**SRES'S**  
**SHREE RAMCHANDRA COLLEGE OF ENGINEERING**  
Lonikand, Pune - 412216  
Department of Computer Engineering

**Report of an Event**

- ❖ **Title of Event:** Workshop on ERP, REED (Revolutionize Education Digitally)  
Product Training
- **Date:** 21/07/2022 **Time:** 11am-1pm
- **Place Name of Event:** Seminar Hall
- ❖ **Name of Organizer:** Department of Computer Engineering
- ❖ **Name of Speaker:** Ms. GeetaKhandagale  
Mr. Suraj Tikhe  
Mr. Suyog Gaikwad
- ❖ **Objective of event:** Education in today's world has become highly competitive. In order to be different and ready for action the institutions need a central resource planning that can manage the entire information and operations of the institutions.  
ERP brings cohesion to the administrative culture of the education institutes. by creating a system for management of data in a seamless and efficient manner. The information can be stored and retrieved in different ways. Whether it is keeping attendance of student, teacher and administrative staff or informing the student about the date of new session to be started, ERP does it all.
- ❖ **Detailed Summary :-**The future integration of Internet technologies, Application Service Provider(ASP) hosting services, and expanded ERP systems can help transform the way education institutions operate in the 21st century and move closer to realizing the goal of anytime, anywhere computing. Here are some benefits of using the Education ERP solution.
- ❖ **Support For Evaluation**
  - a) Evaluation plan,
  - b) Multiple evaluation types,
  - c) Scholastic,
  - d) Co-scholastic,
  - e) Formative,
  - f) Summative
- ❖ **Data Management**
  - a) Students data,
  - b) Teacher's data,



- c) Examination data,
- d) Health Status,
- e) Attendance data

#### 1. Reporting

- a) Report card generation,
- b) Analysis that can lead to remedial action,
- c) Information to parents,
- d) Involving parents in the teaching learning process.

#### 2. Benefits for Management

- Easy access of all records at one place
- Channel to interact with staff, teachers, parents, students
- Saving man hours and increasing productivity
- Unhindered, smooth management

#### 3. Benefits for Faculty

- Manage class reports, attendance, and performance
- Making online exams
- Interaction with parents
- Effective planning
- Online projects and forums for students

#### 4. Benefits for Administration

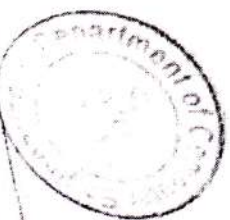
- Easy access to reports
- Getting accurate and timely data
- Publication & circulation of reports
- Saving man hours for productive work

#### 5. Benefits for Students

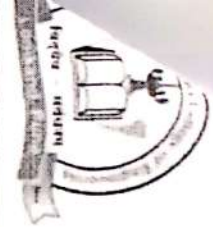
- Platform to interact
- Share knowledge, experience, views
- Access library
- Online exams
- Participate in projects
- Contribute to school in out of school hours

#### 6. Benefits for Parents

- Reports & Updates regarding ward
  - Effective and Timely communication of school activities
  - Knowledge Interaction with other guardians
- to make our readers aware of the actual scenario of education ERP deployment in India, we contacted some of the ERP solution providers and have noted their excerpts in the following pages.







**SHREE RAMCHANDRA COLLEGE OF ENGINEERING**  
Lonikand, Pune 412216

**Conclusion Remarks:**

- ✓ Attachments (if any): Webinar Attendance
- ✓ Attended by: 30 Participants



H2XC+56P, Pune, Maharashtra 412207, India  
Latitude 18.5972139° Longitude 74.0206763°  
Local 11:14:39 AM Altitude 541.6 meters  
GMT 05:44:39 AM Thursday, 21-07-2022  
Note: Shree Ramchandra College Of Engineering

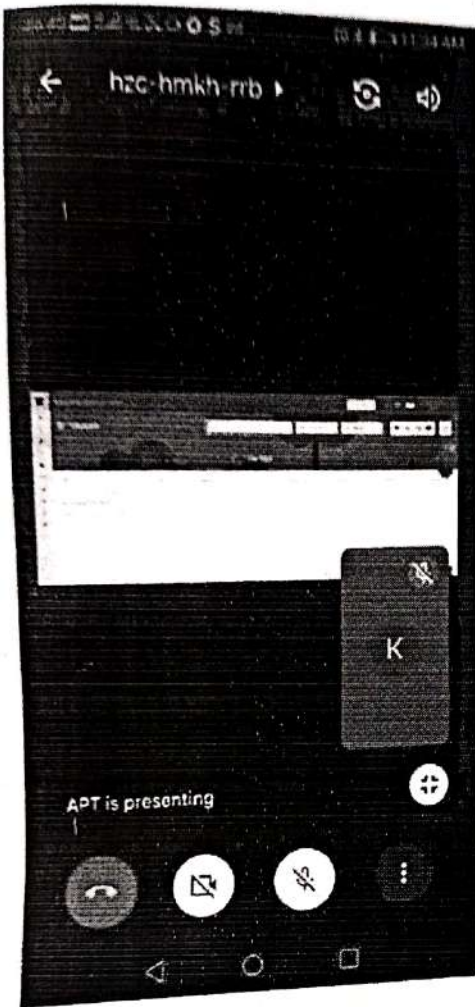


H2XC+56P, Pune, Maharashtra 412207, India  
Latitude 18.5972139° Longitude 74.0206763°  
Local 11:15:02 AM Altitude 541.6 meters  
GMT 05:45:02 AM Thursday, 21-07-2022  
Note: Shree Ramchandra College Of Engineering





**SRES's**  
**SHREE RAMCHANDRA COLLEGE OF ENGINEERING**  
 Lonikand, Pune - 412216



← About this call

People	Information
Archana Gorave	🔇 🔒 ⋮
Avinash desai	🔇 🔒 ⋮
B Ajeet	🔇 🔒 ⋮
Dr. Vaishali Turai	🔇 🔒 ⋮
Ekta Patel	🔇 🔒 ⋮
ganesh wable	🔇 🔒 ⋮
Gangaram Saw...	🔇 🔒 ⋮
Girisha Bombale	🔇 🔒 ⋮
iyotir mayi Pur...	🔇 🔒 ⋮
Komal Yadav	🔇 🔒 ⋮
Onkar Chakrap...	🔇 🔒 ⋮
Prabhuling Sar...	🔇 🔒 ⋮
Prof. Dr. Sagar ...	🔇 🔒 ⋮

← About this call

People	Information
Sagar Bande	🔇 🔒 ⋮
sandeep kangiri	🔇 🔒 ⋮
SHHAJI PAWAR	🔇 🔒 ⋮
Shankar Dham...	🔇 🔒 ⋮
SHIVSHANKAR ...	🔇 🔒 ⋮
Shraddha Ahir...	🔇 🔒 ⋮
Shubhangi Arb...	🔇 🔒 ⋮
shubhra mukh...	🔇 🔒 ⋮
Vaishnavi Kulk...	🔇 🔒 ⋮
vinod mahajan	🔇 🔒 ⋮
Youvan Rajgire	🔇 🔒 ⋮

*Komal Yadav*  
**Prof. Komal Yadav**  
 Prepared by

*Komal Yadav*  
**Prof. Komal Yadav**  
 Event Co-ordinator

*Shubhra Mathur*  
**Prof. Shubhra Mathur**  
 H.O.D





SHREE RAMCHANDRA COLLEGE OF ENGINEERING  
LAKHIMPUR, PIN-412216  
Department of Electrical Engineering

Report of an Event

❖ Title of Event: E-Plan Workshop

• Date: 11<sup>th</sup> April, 2023 to 19<sup>th</sup> April, 2023 Time: 10 am – 4.00 pm

• Platform Name of Event: Offline Mode

❖ Name of Organizer: Department of Electrical Engineering

❖ Name of Speaker: Mr. Shubham Sharma (B.E./B.Tech, M.Phil & PD), Ms. Anukirti Sharma  
(Head of Section India Pvt. Ltd.)

Objective of Event:

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

➤ Topic Details Covered:

- Introduction to Automation and its evolution.
- Introduction to Single line Diagrams & Control Schematics.
- Design Of Single line Diagrams & Control Schematics.
- Control Diagram Of SLD.
- Schematics of Electrical Machines
- Introduction Of Cable Selection Sizing & Accessories.
- Cable Sizing For Various Parameters (H.V.L.V systems).
- Cable tagging & Installation Details.
- Electrical Drawing & Drafting.
- Cabling & wiring Diagram.
- Substation & Control Room Layout.



Dept. Electrical Engineering  
Shree Ramchandra College of Engineering  
Lakhimpur, Pin-412216

**Detailed Summary:**

**Day-1 (11-04-2023)**

Sr.No.	Timing	Topic	Details
1	10:00am - 01:15pm	E-plan Introduction	Introduction to Single line Diagrams & Control Schematics
2	01:15pm to 02:00pm	Lunch Break	
3	02:00pm to 04:00pm	E-plan Introduction	Design Of Single line Diagrams & Control Schematics

**Day-2 (12-04-2023)**

Sr.No.	Timing	Topic	Details
1	10:00am - 01:15pm	Control Diagrams Of Electrical machines	Control Diagram Of SLD Block Diagram Of Electrical System Of SLD.
2	01:15pm to 02:00pm	Lunch Break	
3	02:00pm to 04:00pm	Control Diagrams Of Electrical machines	Schematics of Electrical Machines



*[Signature]*

**Head**

Dept. Electrical Engineering  
SRCOE Pune-412216



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

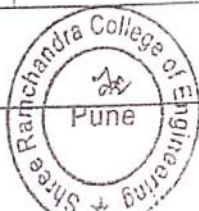
➤ Detailed Summary:

Day-3 (13-04-2023)

Sr.No.	Timing	Topic	Details
1	10:00am -01:15pm	Introduction of Cable selection	Introduction Of Cable Selection Sizing & Accessories Cable Sizing For Various Parameters(H.V,L.V system)
2	01:15pm to 02:00pm	Lunch Break	
3	02:00pm to 04:00pm	Introduction of Cable selection	Detail Load Calculation , Limitations & Protections

Day-4 (17-04-2023)

Sr.No.	Timing	Topic	Details
1	10:00am -01:15pm	Electrical drawing	Cable tagging & Installation Details. Routing layout.
2	01:15pm to 02:00pm	Lunch Break	
3	02:00pm to 04:00pm	Electrical drawing	Electrical Drawing & Drafting.



*[Signature]*  
Head  
Dept. Electrical Engineering  
SRCOE Pune-412216

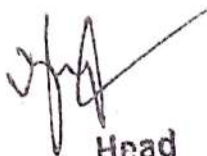
Day-5 (18-04-2023)

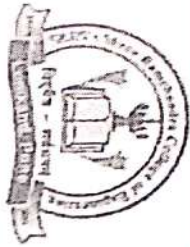
Sr.No.	Timing	Topic	Details
1	10:00am -01:15pm	Control part of Electrical machine drawing	Electrical Symbol Drawing of SLD Control Schematics
2	01:15pm to 02:00pm	Lunch Break	
3	02:00pm to 04:00pm	Control part of Electrical machine drawing	Earthing Layouts.

Day-6 (19-04-2023)

Sr.No.	Timing	Topic	Details
1	10:00am -01:15pm	Layout of Electrical power System	Cabling & wiring Diagram. Substation & Control Room Layout.
2	01:15pm to 02:00pm	Lunch Break	
3	02:00pm to 04:00pm	Layout of Electrical power System	Substation & Control Room Layout.



  
Head  
Dept. Electrical Engineering  
SRCOE Pune-412218



SRES'S  
SHREE RAMCHANDRA COLLEGE OF ENGINEERING  
Lonikand, Pune - 412216  
Department of Electrical Engineering

Conclusion Remarks:

- Speaker Mr. Shubham Sharma discussed opportunities in Automation Industry.

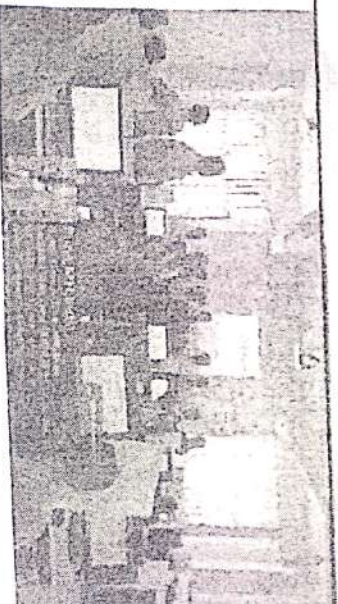
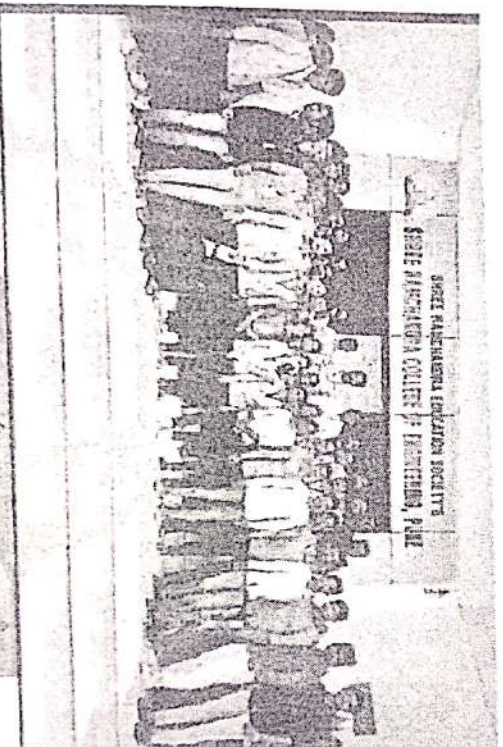
Industrial Automation i.e. to "Automate Industry" is the basic need of almost every type of manufacturing and production unit today. Thus, at the end students will become aware about the basic Knowledge of Industrial Automation, E-plan and their relevant module.

✓ Attended by: 48 Participants (Including 07 Faculty)

Prof. J. Purohit  
Prepared by

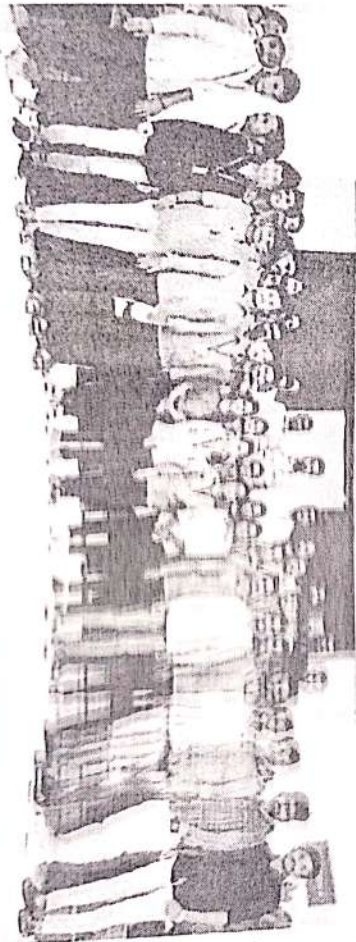
Prof. V.M. Rao

Checked by  
**Head**  
Dept. Electrical Engineering  
SRCOE Pune-412216





One Week Workshop On "E-plan Software"



SHREE RAMCHANDRA EDUCATION SOCIETY'S  
SHREE RAMCHANDRA COLLEGE OF ENGINEERING, PUNE

One Week Workshop On "E-plan Software" Organized by Electrical dept.





### ABOUT SRCOE

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 Program namely Civil, Mechanical, Computer, Electrical, AI&DS 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 premier 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 Manoj K. Bhambare,  
President, SRCOE(SREES) Pune.

### CONVENER

Prof. Dr. Arvind D. Dezan,  
Principal, SRCOE Pune.

### ORGANIZING SECRETARY

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

### ORGANIZING COMMITTEE

Prof. J. Burchai                      Prof. B.R. Patil  
Prof. D.K. Mumar                  Prof. Anurag Jain

### FOR REGISTRATION CONTACT

Co-Coordinator  
Prof. J. Purohit  
(Asst Prof Electrical Power Dept)  
Email: jipurohit@rcpurohit@gmail.com  
Contact no: (8193050520)

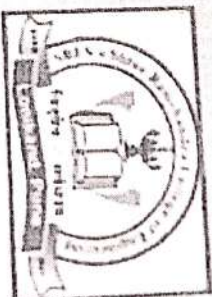
SREES'

**SHREE RAMCHANDRA  
COLLEGE OF ENGINEERING**  
Lonikand, Pune -- 412216  
ACCREDITED BY NAAC (B++)



One Week Workshop on,  
"EPLAN SOFTWARE"  
On 11<sup>th</sup> to 13<sup>th</sup> & 17<sup>th</sup> to 19<sup>th</sup> April 2013

Organized by



Department of Electrical Engineering  
Pune - Nagar Road Behind B/S College,  
Waghole, Pune, Maharashtra 412216  
Cell No. -91 716317335  
Email ID: [vrao@rcpurohit.com](mailto:vrao@rcpurohit.com)  
[www.rcpurohit.com](http://www.rcpurohit.com)

