



**Progressive Education Society's
Modern College of Engineering,
Shivajinagar, Pune-5**

2.2.1 The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Summary Sheet

2.2 Catering to Student Diversity

| Cr. No. | Key Aspects | Assessment Indicators | Details | Evidences |
|----------------|---|---|---|---|
| 2.2.1 | Programmes for advanced learners and slow learners | Quality of programs for advanced and slow learners to enhance learning ability. | Details of program / activities conducted for advanced learner and slow learner | <ul style="list-style-type: none">● Documents related to the programs conducted for advanced learners <ol style="list-style-type: none">1. Project competitions2. Technical events such as M-Pulse, Hackathons, Robocon, BAJA,3. Skill development programmes4. Documents related to student associations for office bearers <ul style="list-style-type: none">● Documents for related to the programs conducted for slow learners <ol style="list-style-type: none">1. Home assignments,2. Presentations,3. MCQ tests were conducted for better understanding of fundamentals4. soft skill sessions5. Counselling sessions6. certification courses7. Revision practical sessions8. Extra tutorials |



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A) ACTIVITIES FOR ADVANCED LEARNERS

1. Project competitions - Review of the IEEE Paper based on application of SCADA

| Sr.No. | Task |
|---------------|---|
| 1 | Presentation based on Batch Process Control System using SCADA |
| 2 | Presentation based on Batch Process Control System using SCADA |
| 3 | Presentation based on Automatic Packaging and Material Handling Using PLC and SCADA |
| 4 | Presentation on Application of PLC-SCADA in Manufacturing of Dry Cement |
| 5 | Presentation based on Batch Process Control System using SCADA |



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Batch process control using SCADA - PowerPoint (Product Activation Failed)

Kaduskar, Vaibhavi

PES's Modern College of Engineering
Shivajinagar, Pune -5
Department of Electrical Engineering

Year: 2020-2021

Subject: Batch Process Control System using SCADA

Guide: Vaibhavi Kaduskar

Name of Students:

1. Aman Dhote (44017)
2. Apurva Karandikar (44033)
3. Ashish Bhosle (44009)
4. Nikhil Bhintade (44008)
5. Prajwal Chavare (44012)
6. Rishikesh Andure (44002)
7. Rishikesh Annelwar (44003)
8. Sunny Shukla (44063)

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6/21/2021

2. Technical events such as M-Pulse, Hackathons, Robocon, BAJA



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Modern College of Engineering, Shivajinagar, Pune-05.
Department of Electronics and Telecommunication Engineering
Team List for Robocon 2020-21

| Sr. No. | Name of the student | Post in Robocon |
|---------|---------------------|---------------------|
| 1 | Gaurav Kumar | <u>Vice Captain</u> |
| 2 | Yash Otari | Member |
| 3 | Atharva Gorule | |
| 4 | Mrudula Vetal | |
| 5 | Reehivar Pandit | |
| 6 | Sourabh Jadhav | |
| 7 | Gauri Warkhade | |
| 8 | Moksha Shah | |
| 9 | Shruti Sawalkar | |
| 10 | Tasneem Choughule | |
| 11 | Rupesh Solase | |
| 12 | Vedant Puri | |

Staff Coordinator
Mrs. V.P. Kodgirwar

H.O.D. (E&TC)
Dr. Mrs. R.S. Kamathe



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3. Skill development programmes



4. Documents related to student associations for office bearers

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MBA Department

| Sr. No | Name of student Council Committee | Name of Students | Branch/Year | Contact No. | Responsibility handled by Students |
|--------|-----------------------------------|--|-----------------|--------------------------|------------------------------------|
| 1. | Student grievances Committee | Mr. Rajat More Ms. Megha Kadam | MBA II MBA I | 9145078791 8237663758 | Member |
| 2. | Internal Complaint Committee | Ms. Sonam Surve Damini Bhurewal | MBA II MBA I | 7385117957 8605399694 | Member |
| 3. | Anti-ragging | Ms. Aboli Raokhande Mr. Himanshu Deshmukh | MBA II MBA I | 7875335410 7887482526 | Member |
| 4. | Student Association | Mr. Shubham Shah | MBA I | 8055318474 | Member |
| 5. | Club activities | RCPKM- Ms. Priya Modha The Metamoroh Club - Amisha Dandikwat | MBA I | 8007819461 9067389060 | President President |
| 6. | Professional | Mr. Gaurav Wash | MBA I | 8888180520 | Head |



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| | | | | | |
|-----|--------------------------|---|-----------------|--------------------------|------------------------|
| | | Mr. Himanshu Deshmukh | MBA I | 7887482320 | |
| 4. | Student Association | Mr. Shubham Shah | MBA I | 8055318474 | Member |
| 5. | Club activities | RCPKM- <u>Ms. Priya Modha</u> The <u>Metamorph</u> Club - <u>Amisha Dandikwar</u> | MBA I | 8007819461 9067389060 | President President |
| 6. | Professional Chapters | Mr. Gaurav Wagh Mr. Aniket Kotwal | MBA I | 8888180520 9145737522 | Head |
| 7. | ISR | <u>Ms. Siddhika Khairnar</u> | MBA I | 7507160508 | Head |
| 8. | NSS/NCC | - | | | |
| 9. | DAB | - | | | |
| 10. | Alumni | Mr. Prajwal <u>Shitole</u> | MBA I | 9158580530 | Head |
| 11. | Cultural (Spandan) | Mr. Shubham <u>Lonkar</u> Ms. <u>Bhakti Upadhye</u> | MBA I | 7387552399 | Head |
| 12. | Technical Event (Mpulse) | Mr. Swaraj <u>Khawane</u> Ms. <u>Tejashri Pardu</u> | MBA I | 9763934051 | Head |
| 13. | Sports | Mr. Kunal <u>Dikkar</u> | MBA I | 7066770484 | Member |
| 14. | ED Cell | Mr. Apurva Rawal Ms. <u>Ishwari Patel</u> | MBA II MBA I | 7498463044 9404755349 | Member |
| 15. | T&P cell | Mr. <u>Chinmay Kharat</u> Ms. Shweta Dixit | MBA I | 9689994563 8550915300 | Head |
| 16. | <u>Karmanya</u> | <u>Ms. Rutu Bhasale</u> <u>Ms. Mavuri Kharat</u> | MBA I | 9834451759 9834451759 | Member |

States)

Focus

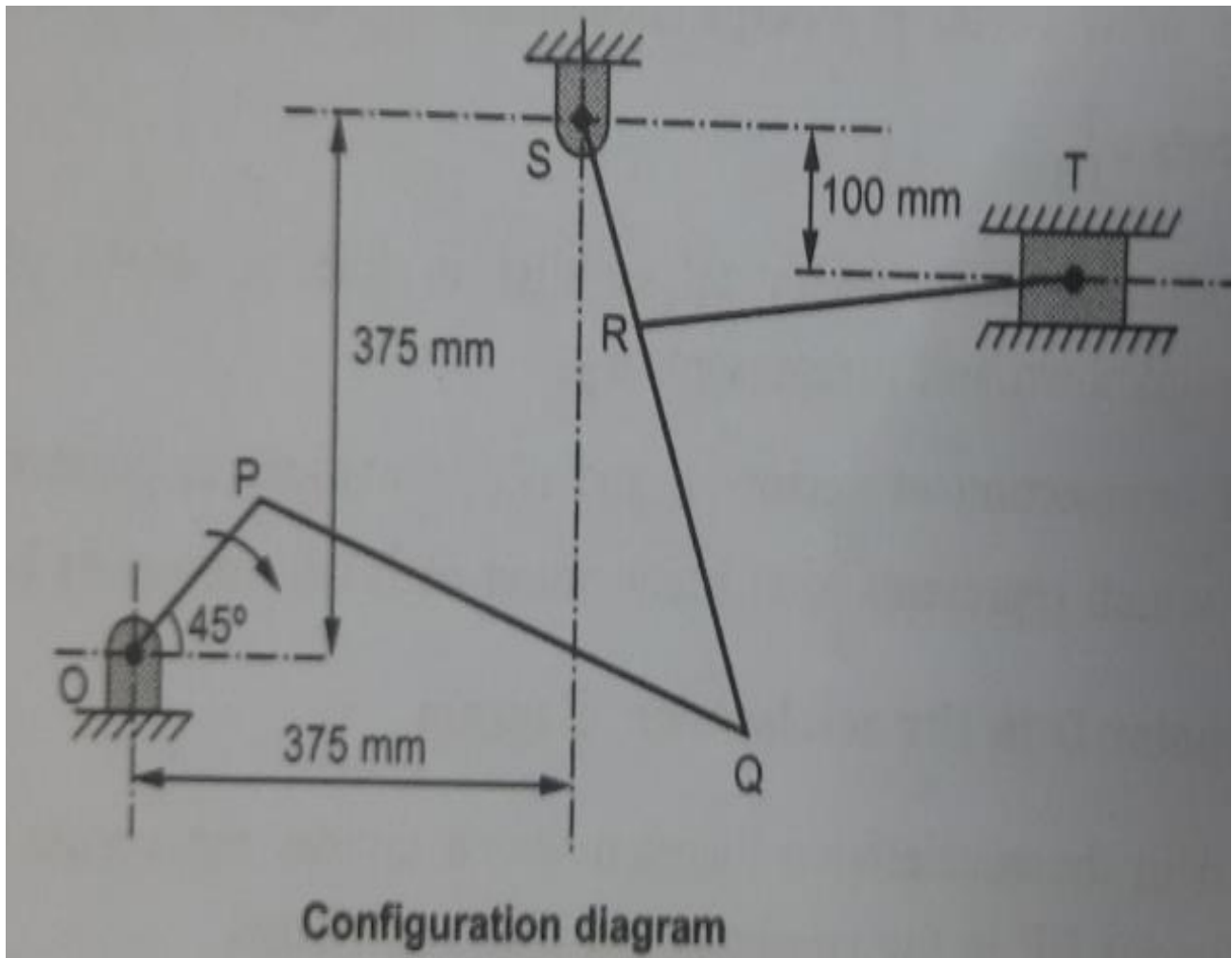
B) ACTIVITIES FOR SLOW LEARNERS

1. Home Assignment

Q1 Fig. shows the configuration diagram of mechanism in which the dimensions are as follows $OP = RS = 150\text{mm}$, $PQ = QS = 450\text{mm}$ and $RT = 375\text{mm}$. The uniform speed of crank OP is 180rpm . Determine velocity of slider T , angular velocity of QS and rubbing velocity at pin Q which is 60mm in diameter. Also find acceleration of T and angular acceleration of QS . [10M]



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2. Extra online lectures were conducted on google meet to discuss the difficult contents. These lectures were included in the timetable.



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| Sr. No. | Tasks for slow learners students | Explanation |
|----------------|---|---|
| 1. | Lectures | Extra Lectures are arranged in extra slots |
| 2. | Assignments | For better understanding of concepts |
| 3. | Practice Sessions in lab | For better understanding of practical, extra practice sessions are arranged |
| 4. | One to one interaction | One to one interaction with respective course in-charge |
| 5. | Online lectures included in timetable | For better understanding and solving difficulties of students |



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Sample notice is as below for revision / makeup classes.



Progressive Education Society's
 Modern College of Engineering, Pune-5
 Department of Electronics and Telecommunication Engineering

Notice

Date: 2/07/21

All TE A and B (2020-21) batch ~~Sem II~~ students are hereby informed that Makeup Classes/Revision Lectures are arranged from 5/7/2021 to 9/7/2021.

Detail schedule is as given below. Attendance is mandatory for all students

| CLASS: TE A | | | | |
|------------------------------|--------------|--------------|--------------|--------------|
| TIME | 10:15-11:00 | 11:00-11:45 | 12:00-12:45 | 12:45-1:30 |
| | 1 | 2 | 3 | 4 |
| Mon | BM MMD | AP MKK | ITCCN APM | SPOS VPK |
| Tues | ITCCN APM | PE DPA | AP NDKK | SPOS VPK |
| Wed | SPOS VPK | BM MMD | AP NDKK | PE DPA |
| Thur | BM MMD | AP MKK | PE DPA | ITCCN APM |
| Fri | BM MMD | ITCCN APM | PE DPA | SPOS VPK |
| GFM:- Ms.M.M.Deshpande (402) | | | | |

| CLASS: TE B | | | | |
|---------------------------|--------------|-------------|--------------|-------------|
| TIME | 10:15-11:00 | 11:00-11:45 | 12:00-12:45 | 12:45-1:30 |
| | 1 | 2 | 3 | 4 |
| Mon | BM MMD | AP MKK | ITCCN APL | SPOS VPK |
| Tues | ITCCN APL | PE MAK | AP NDKK | SPOS VPK |
| Wed | SPOS VPK | BM MMD | AP NDKK | PE MAK |
| Thur | BM MMD | AP MKK | ITCCN APL | PE MAK |
| Fri | BM MMD | PE MAK | ITCCN APL | SPOS VPK |
| GFM:- Mrs.M.A.Kango (402) | | | | |


 Mrs.M.A.Kango
 Ms.M.M.Deshpande
 GFM-TE


 Dr. R. S. Karande
 H.O.D.E&TC



Progressive Education Society's
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MODERN COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
Academic Year 2020-21, Sem-I, B.E (A & B Div.)

NOTICE

Make up Classes

Make up classes have been arranged for all the failed and absent students in unit tests.

The schedule is as below:-

| Make Up Class Schedule | | | |
|-------------------------------|----------------------------|-------------------------|----------------|
| Sr. No. | Subject Name | Date | Timing |
| 1 | VLSI Design and Technology | 5,6,9 & 12 Nov 2020 | 3.00 to 4.00PM |
| 2 | RMT | 26,27, 28 & 29 Oct 2020 | 3.00 to 4.00PM |
| 3 | CNS | 2,3,8 & 10 Nov 2020 | 3.00 to 4.00PM |
| 4 | EL-I | 19,20 & 21 Oct 2020 | 3.00 to 4.00PM |
| 5 | EL-II | 22,23 & 24 Oct 2020 | 3.00 to 4.00PM |

***Note: Attendance is compulsory for all.**



Mrs. M. S. Kanitkar, Mrs. V. P. Kodgirwar
GFM (BE E & TC)

Mrs. R. S. Kamathe
HOD E&TC



Progressive Education Society's Modern College Of Engineering, Pune-05.

3. Revision practical sessions - April 2019 Question paper submission

The screenshot shows a Google Classroom interface with a PDF document titled "April 2019 PLC SCADA paper.pdf". The document content is as follows:

Total No. of Questions : 8] SEAT No. : []
P3906 [5561]-576 [Total No. of Pages : 2
B.E. (Electrical)
PLC AND SCADA APPLICATIONS
(2015 Course) (Semester - I) (403142) (End Semester)
Time : 2½ Hours] [Max. Marks : 70
Instructions to the candidates:
1) Neat diagrams must be drawn wherever necessary.
2) Figures to the right indicate full marks.
Q1) a) Define Programmable Logic controller and explain its various types. [7]
b) Explain ON/OFF output devices. [7]
c) Explain UP/DOWN counter with RESET on ladder diagram and timing diagram. [8]
OR
Q2) a) Explain input and output module of Programmable Logic Controller. [7]
b) Describe any one type of float switch used as a level sensor. [7]
c) Draw the ladder diagram for the following function table. [8]
Inputs - I1, I2 Outputs - Q1, Q2, Q3, Q4

The screenshot shows a PDF viewer displaying a handwritten answer to a question about PLC types. The text is as follows:

PLC - SCADA. Name :- Tamboli Gulzar He
Roll No:- 4406571
Question paper (April 19)
Q1 a) Define PLC & explain its various types.
→ PLC is an industrial computer used to monitor I/O & depending upon their state make decision based on its program logic to control TURN ON/OFF its O/P to automatic process of machines.
There are various types of PLC's such
1) small type of PLC.
2) small type of PLC.
3) medium type of PLC.
4) large type of PLC.
5) very large type of PLC.
1. Micro type of PLC.
- It is used in process industry to control max upto 32 diff I/P as well as O/P dev.
2. small type of PLC.
- They are used to control 32 to 128 I/P & O/P device.
3. medium type of PLC.
- They are normally used to control 64 to 128 I/O devices.



MCQ Tests,

Class: SE A Semester: II

Name of Subject: Computer Graphics

Name of Teacher: Deepali Nilesh Naik

The screenshot displays a Google Classroom interface for a class named 'SE IT A_2020-21 Semester II'. The 'Classwork' tab is active, showing a list of 'Improvement Tasks'. The tasks are:

- Improvement Task 1 (Due: Enter due)
- Improvement Task 2 (Due: Enter due)
- Improvement Task 3 (Due: Enter due)
- Improvement Task 4 (Due: Enter due)

The 'Improvement Task 1' card is expanded, showing:

- 12 students
- Score report: 7 (Turned in) and 6 (Assigned)
- Link to the task: <https://forms.gle/XN200Fq...>

The Windows taskbar at the bottom shows the time as 12:58 PM on 09-09-21.



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Remedial teaching is the use of activities, techniques and practices to eliminate weaknesses or deficiencies that the slow learner is known to have.

301 Strategic Management University Level, Generic Elective – Remedial Class

Day & Date: Wednesday, 24/2/2021

2.2.1 Slow learner 1.pdf - Adobe Acrobat Reader DC (32-bit)

File Edit View Sign Window Help

Home Tools 2.2.1 Slow learner 1... x

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MBA Department

Title: Remedial Class for Generic Elective – University Level,
301 Strategic Management

Day & Date: Wednesday,24/2/2021

Objectives:

1. To describe the basic terms and concepts in Strategic Management with various perspectives.
2. To make students understand applying Strategic Management concepts to business problems.

Summary report: This session was conducted with focus on understanding various perspectives of strategic management. Details of topics covered are as follows –

1. Origin of strategy
2. Concept and definition of strategy, strategy management and its process.
3. Key terminologies related to strategy.
4. Analytic tools used for environment study.