



**Mahatma Education Society's
Pillai HOC College of Engineering and Technology,
Rasayani**

(Approved by AICTE, DTE, and Affiliated to the University of Mumbai
Accredited by the NBA for Civil, Computer, Information Technology & Mechanical
Engineering. NAAC Accredited A grade in the first Cycle)

Academic Audit Reports

Academic Audit consists of Adherence to Academic Activity, curriculum audit, ICT in Teaching-Learning

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Civil Engineering
NOTICE

17/08/2022


All faculty members of the Civil Engineering Department are hereby informed that the academic audit for OSAY 2022-23 will be conducted as per below schedule.
Schedule of audit will be as follows:

Sr.No:	Auditee	Auditor- along with HOD	Date	Time
1	Mr. R. P. Narwade	Dr. G. R. Patil	20-08-2022	4.00-5.00
2	Dr. G. R. Patil	Mr. Karthik Nagarajan	20-08-2022	2.00-3.00
3	Dr. Vinay Nikam	Mr. Karthik Nagarajan	20-08-2022	12.00-1.00
4	Dr. Shilpa Kewate	Dr. G. R. Patil	20-08-2022	12.00-1.00
5	Dr. Amit Dasgupta	Mr. Karthik Nagarajan	20-08-2022	10.00-11.00
6	Mr. Karthik Nagarajan	Dr. G. R. Patil	20-08-2022	3.00-4.00
7	Ms. Manisha Jamgade	Dr. G. R. Patil	20-08-2022	3.00-4.00
8	Ms. Madhulika Sinha	Mr. Karthik Nagarajan	20-08-2022	4.00-5.00
9	Mr. Manish Mane	Mr. Karthik Nagarajan	20-08-2022	2.00-3.00
10	Mr. Shivraj Patil	Mr. Karthik Nagarajan	20-08-2022	10.00-11.00
11	Mr. Sayed Anwar	Dr. G. R. Patil	20-08-2022	2.00-3.00
12	Ms. Apurva Deshpande	Mr. Karthik Nagarajan	20-08-2022	11.00-12.00
13	Ms. Ashwini P.	Mr. Karthik Nagarajan	20-08-2022	11.00-12.00
14	Ms. Smitha J.S.	Dr. G. R. Patil	20-08-2022	12.00-1.00
15	Mr. Chaitanya Khaire	Dr. G. R. Patil	20-08-2022	12.00-1.00
16	Ms. Pradnya Rane	Dr. G. R. Patil	20-08-2022	10.00-11.00
17	Mr. Prashant Singh	Dr. G. R. Patil	20-08-2022	3.00-4.00

The following documents shall be audited:

CAP, Assignment, Lab Manual, Lecture & Tutorial /Practical Attendance, Course file, Study Materials



H.O.D. 
Department of Civil Engineering

**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Civil Engineering**

**Academic Audit - ESAY 2022-23
Consolidated Report**

Sl. No.	Particulars	Dr. G R Patil	DR Vinay Nikam	Dr. Amit Dasgupta	Dr. Shilpa Kewate	Dr. Karthik Nagarajan	Mr. R. P. Narwade	Ms. Manisha Jangade	Ms. Madhulika Sinha	Mr. Manish Manjhar	Ms. Apurva Deshpande	Mr. Shivraj Patil	Ms. Ashwini P. Sinha	Mr. Shivraj Patil	Ms. Smitha J.S.	Mr. Sayed Anwar	Mr. Charanya Khaire	Ms. Pradnya Rane	Mr. Prashant Singh
1	Course Academic Plan	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble
2	Assignment	Availa ble	Availa ble	Availa ble	NA	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	NA	Availa ble	Availa ble	Availa ble
3	Lecture/Tutorial Attendance	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble
4	Study Materials	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble
5	Lab Manual	NA	NA	NA	NA	NA	NA	Availa ble	Availa ble	Availa ble	Availa ble	Availa ble	NA	NA	NA	NA	NA	Availa ble	Availa ble

Summary of Audit

* NA - Not Applicable

Cordinator




H.O.D. 

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Civil Engineering
NOTICE

10/02/2023

All faculty members of the Civil Engineering Department are hereby informed that the academic audit for ESAY 2022-23 will be conducted as per below schedule.
Schedule of audit will be as follows:

Sr.No:	Auditee	Auditor- along with HOD	Date	Time
1	Mr. R. P. Narwade	Dr. G. R. Patil	18/02/2023	4.00-5.00
2	Dr. G. R. Patil	Mr. Karthik Nagarajan	18/02/2023	2.00-3.00
3	Dr. Vinay Nikam	Mr. Karthik Nagarajan	18/02/2023	12.00-1.00
4	Dr. Shilpa Kewate	Dr. G. R. Patil	18/02/2023	12.00-1.00
5	Dr. Amit Dasgupta	Mr. Karthik Nagarajan	18/02/2023	10.00-11.00
6	Mr. Karthik Nagarajan	Dr. G. R. Patil	18/02/2023	3.00-4.00
7	Ms. Manisha Jamgade	Dr. G. R. Patil	18/02/2023	3.00-4.00
8	Ms. Madhulika Sinha	Mr. Karthik Nagarajan	18/02/2023	4.00-5.00
9	Mr. Manish Mane	Mr. Karthik Nagarajan	18/02/2023	2.00-3.00
10	Mr. Shivraj Patil	Mr. Karthik Nagarajan	18/02/2023	10.00-11.00
11	Mr. Sayed Anwar	Dr. G. R. Patil	18/02/2023	2.00-3.00
12	Ms. Apurva Deshpande	Mr. Karthik Nagarajan	18/02/2023	11.00-12.00
13	Ms. Ashwini P.	Mr. Karthik Nagarajan	18/02/2023	11.00-12.00
14	Ms. Smitha J.S.	Dr. G. R. Patil	18/02/2023	12.00-1.00
15	Mr. Chaitanya Khaire	Dr. G. R. Patil	18/02/2023	12.00-1.00
16	Ms. Pradnya Rane	Dr. G. R. Patil	18/02/2023	10.00-11.00
17	Mr. Prashant Singh	Dr. G. R. Patil	18/02/2023	3.00-4.00

The following documents shall be audited:

CAP, Assignment, Lab Manual, Lecture & Tutorial /Practical Attendance, Course file, Study Materials




H.O.D.
Department of Civil Engineering

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Civil Engineering

NOTICE

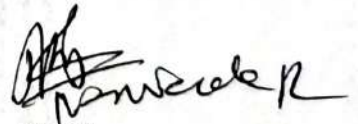
All faculty members of Civil Engineering Department are hereby informed that academic audit will be conducted for ESAY 18-19 , as mentioned below. 11-02-2019

Schedule of audit will be as follows:

Sr.No:	Auditee	Auditor	Date	Time
1	Mr. R.P.Narwade	Mr. Karthik Nagarajan	15-02-2019	10.30-11.30
2	Dr. Vinay Nikam	Ms. Manisha Jamgade	15-02-2019	11.30-12-.30
3	Dr. Shilpa Kewate	Mr. Karthik Nagarajan	15-02-2019	2.00-4.00
4	Dr. Amit Dasgupta	Dr. Shilpa Kewate	15-02-2019	11.00-12.00
5	Mr. Karthik Nagarajan	Dr. Amit Dasgupta	15-02-2019	10.30-11.30
6	Ms. Manisha Jamgade	Mr. Karthik Nagarajan	15-02-2019	11.30-12-.30
7	Ms. Madhulika Sinha	Dr. Shilpa Kewate	15-02-2019	11.00-12.00
8	Ms. Sonali Baviskar	Mr. Sayed Anwar	15-02-2019	2.00-4.00
9	Mr. Sayed Anwar	Ms. Manisha Jamgade	15-02-2019	11.30-12-.30
10	Mr. Manish Mane	Dr. Shilpa Kewate	15-02-2019	11.30-12-.30
11	Mr. Harshal Pathak	Dr. Amit Dasgupta	15-02-2019	11.30-12-.30
12	Ms. Steffy Stephen	Ms. Manisha Jamgade	15-02-2019	11.30-12-.30
13	Ms. Ashwini P.	Mr. Karthik Nagarajan	15-02-2019	10.30-11.30
14	Ms. Gayatri Deshpande	Ms. Sonali Baviskar	15-02-2019	11.30-12-.30
15	Mr. Shivraj Patil	Dr. Shilpa Kewate	15-02-2019	2.00-4.00
16	Mr. Chaitanya Khaire	Ms. Manisha Jamgade	15-02-2019	10.30-11.30
17	Ms. Swati Mhaskar	Ms. Madhulika Sinha	15-02-2019	11.30-12-.30
18	Ms. Pradnya Rane	Dr. Shilpa Kewate	15-02-2019	2.00-4.00

The following points will be audited

CAP
Assignment
Lecture & Tutorial Attendance
Lab Attendance
TGMS
Study Materials
Other Responsibilities



H.O.D.

Civil Engineering Department



Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Civil Engineering

NOTICE

06-11-2018

All faculty members of Civil Engineering Department are hereby informed that academic audit will be conducted for OSAY 18-19 , as mentioned below.

Schedule of audit will be as follows:

Sr.No:	Auditee	Auditor	Date	Time
1	Mr. R.P.Narwade	Mr. Karthik Nagarajan	09-11-2018	10.30-11.30
2	Dr. Vinay Nikam	Ms. Manisha Jamgade	09-11-2018	11.30-12-.30
3	Dr. Shilpa Kewate	Mr. Karthik Nagarajan	09-11-2018	2.00-4.00
4	Dr. Amit Dasgupta	Dr. Shilpa Kewate	09-11-2018	11.00-12.00
5	Mr. Karthik Nagarajan	Dr. Amit Dasgupta	09-11-2018	10.30-11.30
6	Ms. Manisha Jamgade	Mr. Karthik Nagarajan	09-11-2018	11.30-12-.30
7	Ms. Madhulika Sinha	Dr. Shilpa Kewate	09-11-2018	11.00-12.00
8	Ms. Sonali Baviskar	Mr. Sayed Anwar	09-11-2018	2.00-4.00
9	Mr. Sayed Anwar	Mr. Karthik Nagarajan	09-11-2018	11.30-12-.30
10	Mr. Manish Mane	Dr. Shilpa Kewate	09-11-2018	11.30-12-.30
11	Mr. Harshal Pathak	Dr. Amit Dasgupta	09-11-2018	11.30-12-.30
12	Ms. Steffy Stephen	Ms. Manisha Jamgade	09-11-2018	11.30-12-.30
13	Ms. Ashwini P.	Mr. Karthik Nagarajan	09-11-2018	10.30-11.30
14	Ms. Gayatri Deshpande	Ms. Sonali Baviskar	09-11-2018	11.30-12-.30
15	Mr. Shivraj Patil	Dr. Shilpa Kewate	09-11-2018	2.00-4.00
16	Mr. Chaitanya Khaire	Ms. Manisha Jamgade	09-11-2018	10.30-11.30
17	Ms. Swati Mhaskar	Ms. Madhulika Sinha	09-11-2018	11.30-12-.30
18	Ms. Pradnya Rane	Dr. Shilpa Kewate	09-11-2018	2.00-4.00

The following points will be audited

CAP
Assignment
Lecture & Tutorial Attendance
Lab Attendance
TGMS
Study Materials
Other Responsibilities


H.O.D.

Civil Engineering Department



5	Study Materials	notes ready till current module	Avaiable - ppt, notes	Avaiable	Avaiable	Avaiable in Google classroom	Avaiable	Hand written Note s, PPTs are avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable		
7	Personal File	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Hand written Note s, ppt and printed notes	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	
8	Course File	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	Avaiable	
9	Other Responsibilities :	Consultancy work - details available	EG Lab - details available	Mini project details available, IGBC report added	2 MOU signed, 2 placement drive done	ME coordinator, Dept. Journal detail s avaiable	SIG detail s, New slette r, CC, Lab detail s avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable	Lab deta ils, avaiable

*NA - Not Applicable



Handwritten signature

HOD (Civil Dept)

5	Study Material	notes ready till current module	Avail able - ppt, notes	Avail able	Avail able	Avail able in Google classroom	Avail able	Hand written Note s, PPTs are avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able
7	Personal File	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able
8	Course File	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able	Avail able
9	Other Responsibilities	Cons ultan cy work - detail s avail able	EG Lab - detail s Avail able	Mini projec t details availa ble, IGBC report to be added	2 MOU signed , 3 place ment drive planne d	Availa ble	Availa ble	ME coordi nator, Dept. Journ al detail s avail able	SIG detail s, New slette r, CC, Lab detail s avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able	Lab detail s, avail able

*NA - Not Applicable



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HOD (Civil Dept)

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Computer Engineering

Notice

Friday, 1st July 2022

Subject: Academic Audit

All faculty members are hereby informed to attend Academic audit on 8th July 2022. All the subject in charges have to prepare the course file as per the academic audit plan. They have to submit completed course files of all their subjects of the semester OSAY 2022-23. The following documents should be included in your course file Course academic plan (CAP), Course outcome (CO), all mappings, syllabus etc.

Arch

Department Academic Coordinator

To:

All Staff Members of Department of Computer Engineering



Copy for Information to:

Prof. Rohini Bhosale, Head of Computer Engineering Department

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
 Department of Computer Engineering
Academic Audit AY 22-23 (OSAY)

Sr. No.	Particulars	Auditors Remark
1	What is the mode of communication of E-content (Google Classroom/ Moodle)?	Google Classroom
2	Whether Academic Calender Authenticated Scheme, Syllabus is attached in file	Yes
3	Whether the Course Academic Plan (CAP) available	Yes
4	Is E-content (Notes) available online?	Yes
5	Are classes conducted as per schedule and time table?	Yes
6	Are supplementary teaching tools and application of ICT (PPT, Video lectures, E-notes, etc.) used for curriculum delivery?	Yes
7	Are Course objectives and Course Outcomes available for students? (Yes/ No)	Yes
8	Is CO-PO, CO-PSO mapping available	Yes
9	Is Lab list CO mapping available	Yes
10	Is CO-UT, University Paper CO paper mapping, available	Yes
11	Is Internal Examination IA1, IA2 conducted?	Yes
12	Is Internal Assessment Question Paper (Unit Test-I, Test-II) attached with solution	Yes
13	Percentage of syllabus covered by teachers	90% approximately
14	Is Attendance Record (Theory & Practical) maintained?	Yes
15	Whether previous years question paper is their in course file	Yes

Suggestions for Improvement: Faculty should video record some important concepts in regional language.

Audit Expert Internal sign with date: 1. 

2. 




 HOD

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Department of Computer Engineering
Action Taken Report
Academic Year AY 22-23 (OSAY)

Area of Improvement	Action Taken
Regional language lectures	Faculty were asked to record some important concepts in regional language

Rohini



Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Computer Engineering

Notice

Friday, 18th November 2022

Subject: Academic Audit

All faculty members are hereby informed to attend the Academic audit on 21st November 2022. All the subject in charges have to prepare the course file as per the academic audit plan. They have to submit completed course files of all their subjects of the semester OSAY 2022-23. The following documents should be included in your course file Academic calendar, Time Table, Syllabus, Course academic plan (CAP), Course outcome (CO), all mappings (CO-PO, CO-PSO, Assignment-CO), UT question paper, marks, solutions, University question paper, solution and mapping etc.

A. S. B.

Department Academic Coordinator

To:

All Staff Members of Department of Computer Engineering



Copy for Information to:

Prof. Rohini Bhosale, Head of Computer Engineering Department

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
 Department of Computer Engineering
Academic Audit AY 22-23 (ESAY)

Sr. No.	Particulars	Auditors Remark
1	What is the mode of communication of E-content (Google Classroom/ Moodle)?	Google Classroom
2	Whether Academic Calender Authenticated Scheme, Syllabus is attached in file	Yes
3	Whether the Course Academic Plan (CAP) available	Yes
4	Is E-content (Notes) available online?	Yes
5	Are classes conducted as per schedule and time table?	Yes
6	Are supplementary teaching tools and application of ICT (PPT, Video lectures, E-notes, etc.) used for curriculum delivery?	Yes
7	Are Course objectives and Course Outcomes available for students? (Yes/ No)	Yes
8	Is CO-PO, CO-PSO mapping available	Yes
9	Is Lab list CO mapping available	Yes
10	Is CO-UT, University Paper CO paper mapping, available	Yes
11	Is Internal Examination IA1, IA2 conducted?	Yes
12	Is Internal Assessment Question Paper (Unit Test-I, Test-II) attached with solution	Yes
13	Percentage of syllabus covered by teachers	95% approximately
14	Is Attendance Record (Theory & Practical) maintained?	Yes
15	Whether previous years question paper is their in course file	Yes

Suggestions for Improvement: Faculty should discuss beyond syllabus contents of their subject with the students.

Audit Expert Internal sign with date: 1.

Aradh

2.

[Signature]



[Signature]
HOD

Gap Identification Process

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Department of Computer Engineering
Action Taken Report
Academic Year AY 22-23 (ESAY)

Area of Improvement	Action Taken
Beyond syllabus contents should be discussed with students	Faculty were instructed to discuss beyond syllabus contents with students

Relini



Academic Audit Every Year (22-23).


Sr no	Particulars	Auditor Remarks
1	What is the mode of communication (google classroom/Moodle)	classroom / Google classroom
2	Whether Academic Calender Authenticated scheme, syllabus is attached in file	ICT tools / video lectures, NPTEL.
3	Whether the course academic plan available	Available in course file of faculty.
4	Is E-content (notes) available online?	Available course file
5	Are classes conducted as per schedule and time table?	Yes in Google classroom
6	Are supplementary teaching tools and application of ICT used for curriculum delivery	Modulewise course content available
7	Are course objective and course outcome available for students? (yes/no)	Yes Demo kits, PPT, animated videos.
8	Is CO-PO, CO-PSO mapping available	Yes in CAP
9	Is lab list CO mapping available	Yes
10	Is CO-UT, University paper CO paper mapping available	Yes
11	Is Internal Examination IS1, IA2 conducted?	Yes
12	Is Internal Assessment Question paper attached with solution	Yes as per term calender
13	Percentage of syllabus covered by teachers	Yes
14	Is Attendance Record (Theory & Practical) maintained	JA-1 40%, JA-2 80%, Prelim 100%, end sem 100%
15	Whether previous year question paper is their in course file	Yes
16	Remidial lecture monitoring	Yes
17	Slow learner and advance learner	Identified based on result
18	Curricular/Co-curricular/extra-curricular/value added programs and enrichment programs are conducted at the department and are mapped with POs and PSOs	Mentors feedback / subject teacher feedback.
19	Internship and placement data	Yes
20	Counseling and mentoring done for students	Available with Dept TPO co-ordinator
21	Skill development online courses opted by students (NPTEL, Spoken Tutorials)	Yes in TAMs session
22	Department conducted activities with the companies with whom MoU is signed	Yes, workshop, seminar training.

23	Result analysis completed for previous term results	Yes with Dept Exam coordinator
24	FDP/STTP attended by the faculty	Yes
25	Budget, Lab audit	Yes at the beginning of AY budget is prepared.
26	Project File	Available with Project co-ordinator
27	Time Table and Load allocation	Yes
28	Student Chapter	All details available with coordinator.

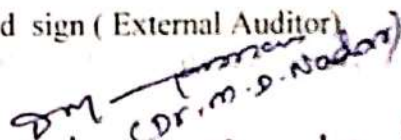
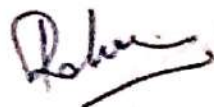
Suggestions for improvement:

1. More participation in research activities and project competitions by student and faculty.
2. Motivate more student to complete internship
3. More interaction with Alumni for career guidance and placement.

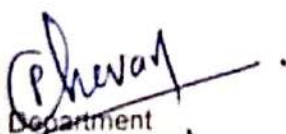
Name and sign (Internal Auditor)

1. Asokan S 
- 2.

Name and sign (External Auditor)

1.  CDR. M. S. Nadar
2. Rohini Bhosale 

Head of the Department


(P. R. chavon)



PRINCIPAL
Mahatma Education Society's
Pitaji HOC College of Engineering
& Technology, Pitaji HOC Educational
Campus, Ratnaram, Taluka: Khalapur,
Dist: Ratnaram, Pin: 410 207.

MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering

Date: July 14, 2022

OSAY 22

Notice

All faculties are here by informing to attend Academic Audit (Course File) on July 14, 2022. Following documents should be submitted Google Classroom, Notes, ppts, Course Outcomes, Attendance, Assignments, Course Academic Plan, Lab manual etc.

Asokan S

Asokan S
Auditor

Sy

Cheruvu
HOD 14/07/22



MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering

Date: Nov 3, 2022

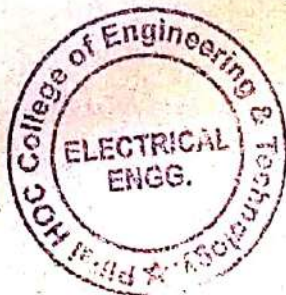
Notice

All faculties are hereby informing to attend Academic Audit (Course File) on Nov 5, 2022. Following documents should be submitted Google Classroom, Notes, ppts, Course Outcomes, Attendance, Assignments, Course Academic Plan, Lab manual UT-1 & UT-2 conduction, Attainment etc.

R. S. Jayanthi Rajapurohit

By Asokan S
Auditor

Phanay
HOD 3/11/22




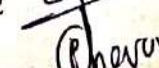
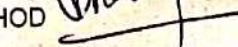
MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering
Academic Audit OSAY(22-23)

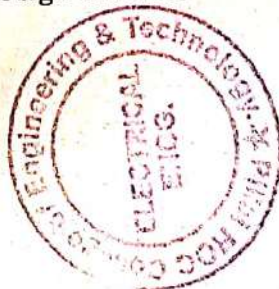
sr N.o	Particulars	Auditor Remarks
1	What is the mode of communication (google classrom/Moodle)	classroom, smart board google classroom for study matorials.
2	Whether Academic Calender Authenticated scheme, syllabus is attached in file	Available in googleglassroom and faculty course file.
3	Whether the course academic plan available	Yes.
4	Is E-content(notes) available online?	Yes and proof available in faculty googleglassroom
5	Are classes conducted as per schedule and time table?	Yes
6	Are supplementry teaching tools and application of ICT used for curriculum delivery	Yes ppt, videos are available
7	Are course objective and course outcome available for students? (yes/no)	Yes discussed with students at the beginning of theory classes.
8	Is CO-PO, CO-PSO mapping available	Yes in CAP
9	Is lab list CO mapping available	Yes in CAP
10	Is CO-UT, University paper CO paper mapping available	Yes in CAP
11	Is Internal Examination IS1, IA2 conducted?	Yes as per Academic Term calender
12	Is Internal Assesment Question paper attached with solution	Yes
13	Percentage of syllabus covered by teachers	95-100%.
14	Is Attendance Record (Theory & practical) maintained	Yes in course file
15	Whether previous year question paper is their in course file	Yes in course file and google classroom.

Suggestions for improvement:

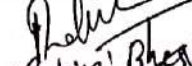
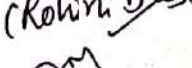
1. Assignments and experiments must be assessed regularly
2. Assessment must be based on rubrics.
3. Identify if any gap in the course and take necessary initiatives.

Audit Expert Internal sign and date

1 
2 
HOD 



Audit Expert External sign with date:

1 
2 
Dr. m. D. N. Bhasarkar
Dr. m. D. N. Bhasarkar

MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering

Action Taken Report

Academic Year OSAY(22-23)

Area of Improvement	Action Taken
Assignments and Experiments must be assessed regularly	Faculty were informed to assess assignment and lab exp regularly
Assessment must be based on Rubrics	Rubrics for lab ,assignment , project were formed in faculty meeting
Identify if any gap in the course and take necessary initiatives	All faculty were informed to identify gap in syllabus and arrange expert talk, seminar, workshop, industrial visit to mitigate the gap.

Internal Auditor

1. Sangeetha R.

2. Asokan S.


HOD

Dept. Electrical Engg.



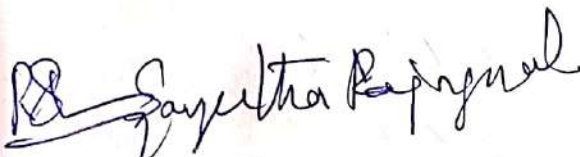
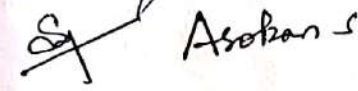
MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering

Date: Jan 13, 2023

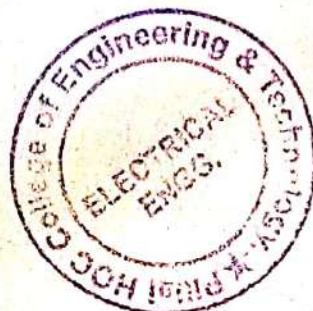
Notice

ESAY 22

All faculties are here by informing to attend Academic Audit (Course File & Personal File) on Jan 13, 2023. Following documents should be submitted Google Classroom, Notes, ppts, Course Outcomes, Attendance, Assignments, Course Academic Plan, Lab manual etc.



Auditor


HOD 13/01/23

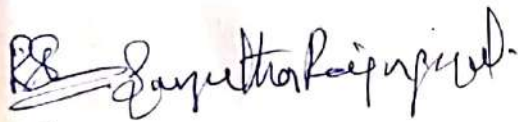


MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering

Date: April 11, 2023

Notice

All faculties are here by informing to attend Academic Audit (Course File) on April 14, 2023. Following documents should be submitted Google Classroom, Notes, ppts, Course Outcomes, Attendance, Assignments, Course Academic Plan, Lab manual UT-1 & UT-2 conduction ,solution etc.





Auditor


HOD



MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering
Academic Audit ESAY(22-23)

sr N.o	Particulars	Auditor Remarks
1	What is the mode of communication (google classrom/Moodle)	classroom, googlegclassroom
2	Whether Academic Calender Authenticated scheme, syllabus is attached in file	Yes.
3	Whether the course academic plan available	Yes in course file.
4	Is E-content(notes) available online?	Yes
5	Are classes coducted as per schedule and time table?	Yes
6	Are supplementry teaching tools and application of ICT used for curriculum delivery	Yes
7	Are course objective and course outcome available for students ? (yes/no)	Yes in the beginning of class.
8	Is CO-PO, CO-PSO mapping available	Yes in CAP
9	Is lab list CO mapping available	
10	Is CO-UT ,University paper CO paper mapping available	Yes
11	Is Internal Examination IS1,IA2 conducted?	Yes as per Term calender
12	Is Internal Assesment Question paper attached with solution	Yes
13	Percentage of syllabus covered by teachers	100% at the end of semester
14	Attendance Record (Theory & Practical) maintained	Yes.
15	Whether previous year question paper is their in course file	Yes

Suggestions for improvement:

1. Beyond content syllabus identify and bridge the gap
2. More focus on mini project topic.

Audit Expert Internal sign and date

1 [Signature]
2 [Signature]

HOD

[Signature]
(P.R. Charan)

Audit Expert External sign with date:

1 [Signature]
2 [Signature]

By [Signature]
(Dr. M. D. Naden)



MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering

Action Taken Report

Academic Year ESAY (22-23)

Area of Improvement	Action Taken
Beyond syllabus content must be discussed with students and encourage the student to do certification course to attain it	Faculty have identified the gap and arranged the industrial visit and workshop for few subjects. Under MOUs students are suggested to complete training program during vacation
Quality of assignment can be improved using complex problem	Faculty were informed to add difficulty level as per Bloom taxonomy
Module test can be implemented for better result	It was discussed to conduct module wise test in the faculty meeting

P. Chevan
HOD

Dept. Electrical Engg





Mahatma Education Society's


Pillai HOC College of Engineering & Technology, Rasayani

Department of Electronics & Telecommunication Engineering

Tuesday, 3rd January 2023

Notice

All faculty are hereby informed that academic audit for ESAY 2022-23 is scheduled on Friday, 6th January 2023 at 10.30 am in HOD Cabin to check the preparedness of each faculty for this semester. Pl make sure to attend the same with Course Academic Plan (CAP), Notes, Question bank, Lab manual, Assignments, etc. as applicable for the teaching load allocated to you for this sem.

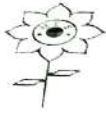
Ms. Rekha Dhawan 

Ms. Neha Rai 

Academic Review Committee


Dr. Mansi Subhedar




Head of the Department



Mahatma Education Society's
Pillai HOC College of Engineering and Technology
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Academic Audit (ESAY 2022-23)


Sr. No.	Name of Faculty	Subject	Class	1	2	3	4	5	6	7	8	9	10	11	Sign
1	Dr. Mansi Subhedar	RM	BE/SEM 8	Available	Available	Available	Planned dates in teaching plan are asked to add	Available	NA as taking for first time	Available	NA as per syllabus	ppt, mooc courses	E notes Available	NA as per syllabus	
2	Ms. Neha Shivhare	RADAR	TE/SEM 6	Available	Available	Available	Planned dates in teaching plan are asked to add	Available	Available	Available	Available	mooc courses and videos	Available	NA as per syllabus	
3	Ms. Rekha Dhawan	IPMV	TE/SEM 6	Available	Available	Available	Complete	Available	Available	Available	Available	mooc courses and videos	Available	Available	
4	Ms. Pooja Shukre	WN	BE/SEM 8	Available	Available	Available	Complete	Available	NA as taking for first time	Available	NA as per syllabus	mooc courses and videos	Available	NA as per syllabus	
5	Mr. Upendra Patil	ANNFL	TE/SEM 6	Soft copy available	Available	Available	Planned dates in teaching plan are asked to add	Available	Available	Available	NA as per syllabus	ppt, mooc	E notes Available	NA as per syllabus	
6	Mr. Shashikant Renuse	EA	TE/SEM 6	Available	Available	Available	Planned dates in teaching plan are asked to add	Available	Available	Available	Available	mooc courses and videos	E notes Available	Available	

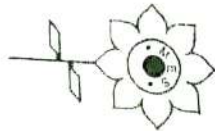
Sr. No.	Name of Faculty	Subject	Class	1	2	3	4	5	6	7	8	9	10	11	Sign
7	Ms. Priya Tambe	CCN	TE/SEM 6	Soft copy available	Available	Available	Planned dates in teaching plan are asked to add	Available	Available	Available	Available	moo courses and videos	Available	Available	
		SNSC	BE/SEM 8	Soft copy available	Available	Available	CIP incomplete	Available	NA as taking for first time	NA as per syllabus	NA as per syllabus	moo courses and videos	Available	NA as per syllabus	
8	Mr. Mithun Nair	OCN	BE/SEM 8	Available	Available	Available	Complete	Available	Available	NA as taking for first time	Available	moo courses and videos	Available	Available	

Auditors Remarks : It was asked to complete pending work within 7 days.
More moo courses can be added in CAP.


Ms. Neha Shivhare
Name & Sign of Auditor 1


Ms. Reeta Dharwar
Name & Sign of Auditor 2


Dr. Mani Subhedar



Mahatma Education Society's
Pillai HOC College of Engineering & Technology, Rasayani
Department of Electronics & Telecommunication Engineering

Notice

All faculty are hereby informed that Academic Audit (Stage -II) for ESAV 2022-23 is scheduled on Friday, 7th April 2023 from 10.30 am to 1.00 pm in HOD Cabin. Pl make sure to attend the same with required documents.

Ms. Rekha Dhawan

Ms. Neha Rai

Academic Review Committee

Dr. Mansi Subhedar

Head of the Department



Mahatma Education Society's
Pillai HOC College of Engineering and Technology
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Academic Audit (ESAY 2022-23)

Sr. No.	Name of Faculty	Subject	Class	1	2	3	4	5	6	7	Sign
1	Dr. Mansi Subhedar	RM	BE/SEM 8	NA as per syllabus	Available	Available	Available	Solution available with marking scheme	Solution available with marking scheme	NA as per syllabus	
2	Ms. Neha Shivhare	RADAR	TE/SEM 6	NA as per syllabus	Available	Available	Available	Solution available with marking scheme	Solution available with marking scheme	NA as per syllabus	
3	Ms. Rekha Dhawan	IPMV	TE/SEM 6	Available	Available	Available	Available	Available	Available	Available	
4	Ms. Pooja Shukre	WN	BE/SEM 8	NA as per syllabus	Available	Available	Available	Solution available with marking scheme	Solution available with marking scheme	NA as per syllabus	
5	Mr. Upendra Patil	ANNFL	TE/SEM 6	NA as per syllabus	Available	Available	Available	Available	Available	NA as per syllabus	
6	Mr. Shashikant Renushe	EA	TE/SEM 6	Available	Available	Available	Available	Available	Available	Available	
7	Ms. Priya Tambe	CCN	TE/SEM 6	Available	Available	Available	Available	Available	Available	Available	
		SNSC	BE/SEM 8	NA as per syllabus	Available	Available	Available	Available	Available	NA as per syllabus	
8	Mr. Mithun Nair	OCN	BE/SEM 8	Available	Available	Available	Available	Available	Available	Available	

Auditors Remarks : —

Ms. Neha Shivhare
Name & Sign of Auditor 1

Ms. Rekha Dhawan
Name & Sign of Auditor 2

Dr. Mansi Subhedar

Department of Electronics and

SEM: 6
Date of Review:

Name of Faculty: Shaswika R
Class, Subject: TE / EA

Sr. No.	Particulars	Auditors Remark
1	Is syllabus scheme and detailed syllabus available?	Yes, authentic syllabus along with scheme available
2	Are course objectives and course outcomes well defined and communicated to students?	Yes, communicated at start of semester
3	Is CO-PO, CO-PSO mapping appropriate?	Yes, available in CAP
4	Is individual timetable, class timetable available?	Yes, signed copy of both the TT is available
5	Whether the Course Academic Plan (CAP) completed in all respects?	Yes, some more questions can be added.
6	Is module wise question bank available?	Yes, in course file
7	Is attendance record (Theory & V lab Practical) maintained?	PPT available
8	Are supplementary teaching tools and application of ICT (PPT, Video lectures, E-notes, etc.) used for curriculum delivery?	NPTEL video lectures also available
9	Are IA-1 and IA-2 Question papers and results available?	Yes
10	Are chapter wise notes available?	E-notes available
11	Any other points	—

Suggestions for Improvement:

Assessment should be done on regular basis.
Encourage students to complete moot courses.

Audit Expert Internal sign with date: 1. Pooja
07/04/2023

2. Nar
17/4/23

Audit Expert External sign with date: 1.

Pooja
3/10/2023

2. Nar
17/4/23

[Signature]
HOD

[Signature]
Principal

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
 Department of Electronics and Telecommunication Engineering

Name of Faculty: Pooja Kulkarni
 Class, Subject: BE / WN

SEM: VIII
 Date of Review: 7/04/2023

Sr. No.	Particulars	Auditors Remark
1	Is syllabus scheme and detailed syllabus available?	yes authentic scheme along with syllabus available
2	Are course objectives and course outcomes well defined and communicated to students?	Validated in CAP and communicated at beginning
3	Is CO-PO, CO-PSO mapping appropriate?	available in CAP
4	Is individual timetable, class timetable available?	Signed copy available in course file
5	Whether the Course Academic Plan (CAP) completed in all respects?	yes
6	Is module wise question bank available?	yes
7	Is attendance record (Theory & Vlab Practical) maintained?	yes in course file
8	Are supplementary teaching tools and application of ICT (PPT, Video lectures, E-notes, etc.) used for curriculum delivery?	yes ppt, video lectures available
9	Are IA-1 and IA-2 Question papers and results available?	yes in course file
10	Are chapter wise notes available?	yes for all modules
11	Any other points	-

Suggestions for Improvement:

- Encourage student to take more courses.
- Expert task should be arranged to correlate course with industry.

Audit Expert Internal sign with date: 1. Pooja Kulkarni
07/04/2023

Pooja Kulkarni
7/04/23

2. Vlab
7/4/23

Anurag W
7/4/23

2.

Principal

Audit Expert External sign with date: 1.

[Signature]
 HOD

PRINCIPAL

[Signature]

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani

Dec 06, 2022

NOTICE

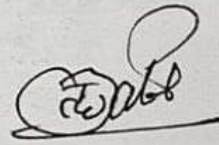
Inter Departmental Academic Audit of IT Department will be held on 08 and 09th December 2022. All are informed to be ready with Academic Files completed in all respect.

Following auditors are nominated as Auditors

Dr. Manvendra Vashistha

Mr. Amar Jadhav

Departmental Academic Audit reports for the same shall be submitted by 13 Dec 2022



Principal

CC: HOD IT

DAC

Office

→ Rathalk

Department of IT Engineering

Every Semester

Part A: Qualitative Analysis

Note: Department can write Yes or No as remark with proper justification

Sr. No.	Parameters to be verified	Remarks by Dept.	Justification
1	Academic Plan (Calendar, Timetable, Schedule of examinations) and Execution	Yes	Sign & stamp required
2	Lecture Plan and Execution	Yes	Done
3	Faculty Course Files.	Yes	Available
4	Upkeeping of laboratory resources	Yes	Done
5	Teaching and learning process (Innovative teaching and evaluation method).	Yes	Done
6	Attendance Monitoring	Yes	Done
7	Record of visiting / expert Lectures	Yes	Available
8	Students counseling and mentoring	Yes	Faculty mentors available
9	Feedback from students	Yes	Regularly taken
10	Industrial visits	No	Improvement required
11	Faculty achievements	Yes	Available
12	PTI (parents feedback)	Yes	Available

Part B: Quantitative Analysis

Note: Department can enter appropriate number as remark with proper justification

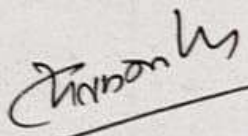
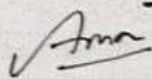
1 → Needs Improvement 2 → Satisfactory 3 → Good 4 → Excellent

13*	Remedial measures to improve academic performance of weak students.	SE TE BE	3 3 3	Good
14*	Students' participation in co-curricular (including professional societies) and extra-curricular activities.		2	
15*	Student achievements		3	
16*	Result analysis	SE TE BE	3 4 4	

Remarks by Audit members:

Industrial visit to be organized
Focus on student centric method.

Audit done by (Name and Signature with date):

1. Dr. Manendra Vashishtha 
2. Mr. Amar Jadhav 
- 3.

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Information Technology

April 15, 2023

NOTICE

Departmental Academic Audit of course files and Lab Audit will be held on 02nd and 3rd May 2023. All are informed to be ready with course Files completed in all respect.

Following auditors are nominated as Auditors

Ms. Poonam Pathak [DAB Cordinator]

Ms. Rupali Sathe [Department NBA Cordinator]

Departmental Academic Audit reports for the same to be submitted by 15 May 2023



Ms. Poonam Pathak
Department Academic Coordinator



Dr. Divya Y. Chirayil
HOD, IT Department

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Information Technology

Academic Audit - ESAY 2022-23
Consolidated Report

08 May 2023

	Name of faculty:	Dr. Biplab Sarkar	Dr. Divya Y. Chirayil	Ms. Poonam Pathak	Ms. Poonam B. Lad	Ms. Rupali Sathe	Mr. Siddhesh Khanvilkar	Ms. Prachi Sorte	Ms. Kajal Patel	Ms. Komal Golimbade
1	Course Academic Plan	Not Available	Available	Available	Soft copy Available. Print out to be taken	Available	Available	Available	Available	Available
2	Assignment	Available	Available	Available	Available	Available	Available	Available	Available	Available
3	Lecture & Tutorial Attendance	Available	Available	Available	Available	Available	Available	Available	Available	Available
4	No: of Practical / Tutorial conducted	NA	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted
6	Google Classroom	Not Available	Available	Available	Available	Available	Available	Module 1, 2 ppt, assignment uploaded,	Available	Available
7	Study Materials	Not Available	Available - ppt, notes	Available	Available PPTs are available	Available	Hand written notes, ppt available	Available	Available	Available
8	Personal File	Available	Available	Available	Available	Available	Available	Available	Available	Available
9	Course File	Available	IA Solution pending	Mapping of PO and PSO not attached	Available. University QP not attached. STQA and Cloud	University QP not attached	IA Solution pending. TT should be attached	Attainment not available	Available	Attainment not available

10	Domain File	Available	Available	Available	computing Available	Available	Available	Available	Available	Available	Available	Available
11	Other Responsibilities	Patent and Publication done	HOD, Patent and publication done	DAC and DAB member	CC, IT coordinator	Project Coordinator	ISTE student chapter and budget coordinator	DEC, ACE student chapter	CC and ACE student chapter coordinator	GDSC coordinator and TPO Coordinator		

*NA – Not Applicable

Rathall
DAC

Rathall
Auditors

Mahatma Education Society's
Pillai HOC College of Engineering & Technology, Rasayani
 Department of Mechanical Engineering

Sem: IV

Subject: Kinematics of Machinery (MEC403)

Course Outcomes-

Student will be able to

C403.1: To Understand and explain various components of mechanisms.

C403.2: To Understand and explain various components of mechanisms.

C403.3: To Draw using various methods velocity and acceleration diagrams of mechanisms.

C403.4: To Construct CAM profile illustrating displacement, velocity, acceleration and jerk for the specific follower motion.

C403.5: To Define and apply different Flexible connectors and Concept of Brakes.

C403.6: To Define different Terms used in gears and application of different Gears in power Transmission.

CO-PO (Program Outcomes) Matrices

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C403.1	3	2	-	1	-	-	-	1	-	-	-	1
C403.2	2	2	2	1	-	-	-	1	-	-	-	1
C403.3	2	2	3	3	2	-	-	1	-	1	-	-
C403.4	3	3	2	3	3	2	-	1	-	1	-	1
C403.5	3	2	1	2	3	-	-	1	-	-	-	2
C403.6	3	2	3	2	3	1	-	1	3	3	1	1
C403	2.67	2.16	1.87	2	1.87	0.5	0	1	0.5	0.83	0.167	1

CO-PSO (Program Specific Outcomes) Matrices

CO	PSO1	PSO2	PSO3	PSO4
C403.1	3	2	-	1
C403.2	2	2	2	1
C403.3	2	2	3	3
C403.4	3	3	2	3
C403.5	3	2	1	2
C403.6	3	2	3	2
C403	2.67	2.16	1.87	2

(A) Program Specific Outcomes

1. Students should be able to solve complex problems in the field of design, thermal and manufacturing.
2. Students should be able to analyse and stimulate mechanical systems by conducting experimental studies and using software to validate systems.
3. Students should be able to develop his/her ideas in the field of renewable energy to contribute towards society.
4. Students should be able to apply technical and management skills to manage different projects.

(B) PROGRAM OUTCOMES(POs)

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Mechanical/PHCET

COs, CO-PO matrices_ Kinematics of Machinery

4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Prepared By

1. Mr. Shashi Bhushan, (Subject Teacher) *SB*
2. Mr. Rahul Warghane (SIG group member) *WR*
3. Dr. Suhas Uthale (SIG group member) *USA*



Audited By:

Department Academic committee:

1. Dr. M.D. Nadar *MDN*
2. Dr. R. C. Prasad
3. Dr. S.A. Uthale *SAU*

IQAC Committee

1. Dr. Mansi Subhedar *MS*
2. Dr. Gajendra V. Patil *GP*

Version 3.1	Course Academic Plan	Course Code and Name: MEC405 Kinematics of Machinery
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The academic resources available in PHCET, Rasayani

PHCET AMS	Evaluation and Assessment	PHCET Library	Value added courses and MOOC courses
Institute & Department Vision and Mission	Former IA question papers and solutions (prepared by faculty)	Former IA question papers solutions - hardcopy	Value Added Courses (VAC) are conducted throughout the semester & in the semester break -
Lesson Plan, Practical plan, Content delivery (Planned and Actual)	MU end semester examination question papers and solutions (prepared by faculty)	MU end semester exam question paper & solutions - by faculty, hardcopy	Online courses from NPTEL, Coursera etc. are pursued throughout the semester
Student attendance and performance	Class notes and Digital Content for the subject	All text books, reference books, e-books mentioned in the syllabus & AAP	Video recording of Lectures captured in Light board studio at PHCET is made available.
Student details	Comprehensive question bank, MCQ, GA, PPT, Class Test papers	Technical journals and magazines for reference	Interactive smart board facility is available and lectures are recorded.
Departmental Academic plan	Academic Administration Plan & Beyond Syllabus Activity report	PHCET library is member of IIT Bombay Library	Expert lectures by Industry/Academia

1.a Course Objectives (As per Blooms Taxonomy)

Sr No	Course Objectives
MEC405.1	To Understand basic of kinematics and kinetics of machine elements
MEC405.2	To familiarize with basics of special mechanisms
MEC405.3	To study functioning and working of power transmission machine elements.

1.b Course Outcome (CO) Mapping with Modules

Sr No	COs	Related Module/s
CO1	To Understand and Explain various components of mechanisms	Simple Mechanisms
CO2	To Construct and apply mechanisms to provide specific motion.	Special Mechanism/Mechanism with lower pairs
CO3	To Draw using various methods velocity and acceleration diagrams of mechanisms.	Velocity and Acceleration analysis in Mechanism
CO4	To Construct CAM profile illustrating displacement, velocity, acceleration and jerk for the specific follower motion.	Cams and follower
CO5	To Define and apply different Flexible connectors, brakes.	Belts, chain and brakes
CO6	To Define different Terms used in gears, gear trains and application of different Gears in power Transmission.	Gear and Gear Train

1.c Mapping of COs with POs (mark 3: Strong, 2: Moderate, 1: Weak,)

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C405.1	3	2	-	1	-	-	-	1	-	-	-	1
C405.2	2	2	2	1	-	-	-	1	-	-	-	1
C405.3	2	2	3	3	2	-	-	1	-	1	-	-
C405.4	3	3	2	3	3	2	-	1	-	1	-	1
C405.5	3	2	1	2	3	-	-	1	-	-	-	2
C405.6	3	2	3	2	3	1	-	1	3	3	1	1
C405	2.67	2.16	1.87	2	1.87	0.5	0	1	0.5	0.83	0.167	1

1.d Mapping of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5
C405.1	3	2	-	1	-
C405.2	2	2	2	1	-
C405.3	2	2	3	3	2
C405.4	3	3	2	3	3
C405.5	3	2	1	2	3
C405.6	3	2	3	2	3
C405	2.67	2.16	1.87	2	1.87

1.e Core Competency of the course

Categories	Mathematics	Basic Science & General Engg	Humanities & Soft Skill	Core Engg./ Technology - Design & Analysis	Multidisciplinary
	YES	yes		YES	yes

2.a Teaching Scheme (As specified by the University)

CBCGS,R19			
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2.b Module Wise Teaching Hours and % Weightage in University Question Paper

Module No.	Module Title and Brief Details	Teaching Hrs. for each module	% Weightage in University Question Papers
1	Simple mechanism	7	10
2	Special Mechanism	4	15
3	Velocity and Acceleration Analysis	10	25
4	Cams	4	15
5	Belts chain and brakes	4	15
6	Gear and Gear trains	10	20

2.c Prerequisite Courses

Sr. No.	Semester	Name of the course	Topics covered
1	First	Engineering Mechanics, Physics	Newtons law, beam analysis, Parallel and perpendicular axis theorem, Moment of inertia, ICR Method

2.d Relevance to Future Courses

Sr. No.	Semester	Name of the course
1	VI	Machine design I
2	VII	Machine Design II

2.e Industry Application of the course

Sr. No	Application
1	Structural engineering, design engineering finite elemental analysis
2	Design of mechanical elements

3.a Past Results –

Year	Division A		Division B		Division C	
	Initials of Teacher	% Result	Initials of Teacher	% Result	Initials of Teacher	% Result

Topics which affect results negatively	Module Number	Recommendations to overcome these issues & improve result in future
Velocity Analysis	3	Solve multiple numerical, Use reference books
Belts chain and brakes	5	Solve multiple numerical, Use reference books
Gears	6	Solve multiple numerical, Use reference books

4.a Learning Resources – Books and E-Resources

4.b List of Text Books

Sr. No.	Text book titles	Authors	Publisher	Edition	Module No
1	Theory of machines	SS Ratan	Tata McGraw Hill	5th	all

4.c List of Reference Books

Sr. No.	Referencebook titles	Authors	Publisher	Edition	Module No
1	Theory of machines	R S Khurmi	Oxford University Press	14th	all
2	Theory of machines	PL Ballaney	Khanna Publishers	-	all

4.d List of E – Books

Sr. No.	E book titles	Authors	Publisher	Edition	Module No
1	Theory of machines	R L Norton	Mc Graw Hill		1-6

4.e Web Links and Names of Magazines, Journals, E-journals

Sr. No.	Web-Links and Names of Journals and E-Journals Recommended	Web-Links and Names of Magazines Recommended	Module Nos.
1	Theory of machines	https://www.springer.com/journal/11223	

5. Concept Inventory

Sheet Attached Separately

6.0 Web Links for Online Notes/YouTube/ Digital Content/Lecture Capture/NPTEL Videos

Sr. No.	Websites/ Links	Module No
1	https://nptel.ac.in/courses/112/105/112105268	All
2	https://www.youtube.com/playlist?list=PLYRGB44zNZWVibVLMWANp-7obQzOhJLRt	All

7. Recommended MOOC Courses like Coursera / NPTEL / Swayam/ edX etc.

Sr. No.	MOOC course link	Resource Person	Course duration	Certificate (Y/N)
1	https://nptel.ac.in/courses/112/105/112105268/	Dr. A Dasgupta	8 weeks	Yes
2	https://www.coursera.org/learn/physics-101-forces-kinematics	Rice University	30 Hours	Yes

8. Study Material Distributed among Students

GA	Notes (Hand Written)	Digital content	PPT	MCQ	Other
	YES	YES	YES	--	--

9. Lesson Plan

Sheet Attached Separately

10. Rubric for Grading and Marking of Term Work

Lecture + Practical (% Attendance) & Marks	Assignments / PBL	Tutorial	Lab / Practical Performance	Lab Journal Assessment	Mooc Course	Total
05	10	--	05	05	--	25

11. Practical/Assignment Plan

Practical/Assignment No.	Module no.	Title of experiment/assignment	Mapping with Cos
1	3	Velocity Analysis	CO1, CO2, CO3
2	3	Acceleration Analysis	CO1, CO2, CO3
3	4	Cams	CO4

12. Beyond Syllabus Activities for Gap Mitigation

No	Type of the Activity	Activities	Details - no of attendees, guest, feedback, mark sheet, report
1	PBL	Design of Mechanism	Available with PBL Co-ordinator

Prepared By

1. Mr. Shashi Bhushan, (Subject Teacher) *SB*
2. Mr. Rahul Warghane (SIG group member) *RW*
3. Dr. Suhas Uthale (SIG group member) *SUA*



Audited By:

Department Academic committee:

1. Dr. M.D. Nadar *MN*
2. Dr. R. C. Prasad
3. Dr. S.A. Uthale *SUA*

IQAC Committee

1. Dr. Mansi Subhedar *MS*
2. Dr. Gajendra V. Patil *GP*



**Mahatma Education Society's
Pillai HOC College of Engineering and Technology,
Rasayani**

(Approved by AICTE, DTE, and Affiliated to the University of Mumbai
Accredited by the NBA for Civil, Computer, Information Technology & Mechanical
Engineering. NAAC Accredited A grade in the first Cycle)

Administrative Audit Reports

- i. Institute-Level Committee Audits**
- ii. Asset Verification (Laboratory Audit)**
- iii. Safety and Sustainability Audit**

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per dead stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	Hydraulic Flume 3mtrs Length		1	MES/PHT/2012-13/HF/01	Available	-	-	-	
2	Wind Tunnel		1	MES/PHT/2012-13/WT/01	Available	Working	Calibration Done	-	

Remarks: As both equipments mentioned above are kept near welding area and not used for a long time. Some raw materials like tyres are kept in equipments. Separate space with electrical supply is required for both the equipments.


 Lab Coordinator




 HOD

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per deud stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	Vicat Needle Apparatus		3	MES/PHT/2011/VNA/01-03	Available	Working	-	-	
2	Brass IS Sieve with 200mm - 90 micron		3	MES/PHT/2011/ISS/01-03	1 nos. Available	Working	-	-	
3	Cube Mould (steel) 7.06*7.06*7.06cm		27	MES/PHT/2011/CMS/1-27	26 nos. available	Working	-	-	
4	Electronic Weighing Balance		1	MES/PHT/2011/EWB/01	Not Available	-	-	-	
5	Thermostatic Oven with Digital		1	MES/PHT/2011/TOV/01	Available	Working	-	-	
6	Le-Chatelier Mould		3	MES/PHT/2011/LCM/01-03	Available	Working	-	-	
7	Tile Abrasion Testing Machine		1	MES/PHT/2011/ABRT/01	Available	Working	-	-	
8	Gauging Trowel		3	MES/PHT/2011/GTR/01-03	Available	Working	-	-	
9	Hydrolic Compression Testing Machine		1	MES/PHT/2011/HCTM/01	Available	Working	Calibration Done	-	
10	Pocking Rod		3	MES/PHT/2011/PR/01-03	Not Available	-	-	-	
11	G.I. Tray (1 ft*1 ft)		3	MES/PHT/2011/GIT/01-03	Not Available	-	-	-	
12	G.I. Tray (1.5 ft*1.5 ft)		3	MES/PHT/2011/GIT/01-03	Not Available	-	-	-	
13	G.I. Tray (2 ft*2 ft)		3	MES/PHT/2011/GIT/01-03	Not Available	-	-	-	
14	Digital Spring Balance		1	MES/PHT/2016/DSB/01	Available	Working	-	-	

Remark : Hydraulic Compression Testing machine Calibration is due on August 2019 and for other applicable machines calibration due date is over.

Lab Coordinator



Prof. Narendra RY
HOD

Lab Audit

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per dead stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	PC Kit	Intel core i5 processor, 8GB DDR2 RAM, 500 GB Hard Disk, 19" TFT monitor, Standard Keyboard, Optical Mouse	20	1	Available	16 working, 4 not working	4 PC not starting	N	
2	Monochrome laser printer	Black and white	1	2	Not Available	-	-	-	
3	Networking switch with fiber port	-	1	3	Available	Working	-	-	
4	Primavera software	-	100	4	Available	-	-	-	
5	Gran ++	-	1	5	Available	-	-	-	

Lab Coordinator

HOD



[Signature]
Non-Valid RP

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Name of the Department : Civil Engineering Laboratory Name : Concrete Technology
AY: 2022-23
Lab Audit

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per dead stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	Cube Mould 10cm		10	MES/PHT/2012/CM/01-10	Available	06 working, 4 damaged	Nut bolts and plates are missing	N	
2	Straight edge		1	MES/PHT/2012/STED/02	Not Available	-	-	-	
3	G.I Scoop		1	MES/PHT/2012/GSCP/03	Available	Working	-	-	
4	Aggregate scoop		1	MES/PHT/2012/AGGS/04	Available	Working	-	-	
5	Flakiness Guage		1	MES/PHT/2012/FLGE/05	Available	Working	-	-	
6	Shrinkage Bar Mould		1	MES/PHT/2012/SHRBW/06	Not Available	-	-	-	
7	Slump test apparatus		1	MES/PHT/2012/SLTAP/07	Available	Working	-	-	
8	Tamping rod		2	MES/PHT/2012/TAMROD/01-02	Available	Working	-	-	
9	Masonry trowel		1	MES/PHT/2012/MTWL/09	Available	Working	-	-	
10	Length guage		1	MES/PHT/2012/LGE/10	Available	Working	-	-	
11	Cylindrical metal measuring jar		1	MES/PHT/2012/CMM 3.15.30Ltrs/11	Available	Working	-	-	
12	Measuring cylinder (Glass)		1	MES/PHT/2012/MCLG/12	Not Available	-	-	-	
13	Measuring cylinder (Plastic)		1	MES/PHT/2012/MCLP/13	Available	Working	-	-	
14	Fine Sieve Set		1	MES/PHT/2012/FSS/14	Available	Working	-	-	
15	G.I tray (1m*1m*1m)		1	MES/PHT/2012/GIT/15	Available	Working	-	-	
16	G.I tray 45cm*60cm		1	MES/PHT/2012/GIT/16	Available	Working	-	-	
17	Concrete test hammer		1	MES/PHT/2012/CTH/17	Available	Working	-	-	
18	Coarse sieve set		1	MES/PHT/2012/CSS/18	Available	Working	-	-	
19	Compaction Factor apparatus		1	MES/PHT/2012/CFAP/19	Available	Working	-	-	
20	Vee Bee Consistometer		1	MES/PHT/2012/VBC/20	Available	Working	-	-	
21	Cube mould 15 cm		10	MES/PHT/2012/CMIS/01-10	Available	06 working, 02 damaged	Nut bolts and plates are missing	-	
22	Concrete mixer		1	MES/PHT/2012/CMX/11	Available	Working	-	-	
23	Marsh cone funnel		1	MES/PHT/2012/MCF/23	Available	Working	-	-	
24	Length comparator		1	MES/PHT/2012/LCOM/24	Not Available	-	-	-	
25	Beam mould		2	MES/PHT/2012/BM/25/01-02	Available	Working	-	-	
26	Electronic balance 20kg		1	MES/PHT/2012/EBAL/26	Available	Working	-	-	

27	Electronic balance 50kg		1	MES/PHT/2012/EBAL/27	Not Available	-	-	
28	Electronic balance 100kg		1	MES/PHT/2012/EBAL/28	Available	Working	-	-
29	Sieve shaker		1	MES/PHT/2012/SSGY/29	Available	Working	-	-
30	Accelerated curing tank		1	MES/PHT/2012/ACCT/30	Available	Working	Calibration Done	-
31	Vibrating table		1	MES/PHT/2012/VIBT/31	Available	Working	-	-
32	Stop watch		1	MES/PHT/2012/SW/32	Available	Not Working	-	Y
33	Crack measurement microscope		1	MES/PHT/2012/CMMIC/33	Not Available	-	-	-
34	Air entrainment meter		1	MES/PHT/2012/AIREM/34	Not Available	-	-	-
35	Concrete Permeability test apparatus		1	MES/PHT/2012/CPER/35	Available	Working	-	-
36	Air compressor		1	MES/PHT/2012/AIRC/36	Available	Working	-	-
37	Cube mould (15cm*15cm)		6	MES/PHT/2014/CM/01-06	Available	Working	-	-
38	Beam mould		6	MES/PHT/2014/BM/01-06	Available	Working	-	-
39	Cube mould (15cm*15cm)		6	MES/PHT/2016/CM/01-06	Available	Working	-	-
40	Beam mould (15cm*15cm*70cm)		2	MES/PHT/2016/BM/01-02	Available	Working	-	-
41	Slump test apparatus		2	MES/PHT/2016/STA/41/01-02	Available	Working	-	-
42	Cube mould		10	MES/PHT/2016/CM/42/01-10	Available	Working	-	-
43	Concrete test hammer		1	MES/PHT/2017/CTH/43	Available	Working	Calibration Done	-
44	Flow Table		1		Available	Working	-	-

Some missing equipments have been discarded but document related to discarding is not available.

Lab Coordinator




HOD



Name of the Department : CIVIL

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Laboratory Name : EG

Lab Audit AY: 2022-23

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per dead stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	M-1 : Quartz	Mineral	1	MES/PHT/2011/EG/M1	Available	-	-	-	-
2	M-2 : Amethyst Quartz	Mineral	1	MES/PHT/2011/EG/M2	Available	-	-	-	-
3	M-3 : Rose Quartz	Mineral	1	MES/PHT/2011/EG/M3	Available	-	-	-	-
4	M-4 : Smoky Quartz	Mineral	1	MES/PHT/2011/EG/M4	Available	-	-	-	-
5	M-5 : Milky Quartz	Mineral	1	MES/PHT/2011/EG/M5	Available	-	-	-	-
6	M-6 : Rock Crystal	Mineral	1	MES/PHT/2011/EG/M6	Available	-	-	-	-
7	M-7 : Chalcedony	Mineral	1	MES/PHT/2011/EG/M7	Available	-	-	-	-
8	M-8 : Agate	Mineral	1	MES/PHT/2011/EG/M8	Available	-	-	-	-
9	M-9 : Onyx	Mineral	1	MES/PHT/2011/EG/M9	Available	-	-	-	-
10	M-10 : Flint	Mineral	1	MES/PHT/2011/EG/M10	Available	-	-	-	-
11	M-11 : Chert	Mineral	1	MES/PHT/2011/EG/M11	Available	-	-	-	-
12	M-12 : Blood stone	Mineral	1	MES/PHT/2011/EG/M12	Available	-	-	-	-
13	M-13 : Jasper	Mineral	1	MES/PHT/2011/EG/M13	Available	-	-	-	-
14	M-14 : Opal	Mineral	1	MES/PHT/2011/EG/M14	Available	-	-	-	-
15	M-15 : Orthoclase	Mineral	1	MES/PHT/2011/EG/M15	Available	-	-	-	-
16	M-16 : Plagioclase	Mineral	1	MES/PHT/2011/EG/M16	Available	-	-	-	-
17	M-17 : Microcline	Mineral	1	MES/PHT/2011/EG/M17	Available	-	-	-	-
18	M-18 : Muscovite	Mineral	1	MES/PHT/2011/EG/M18	Available	-	-	-	-
19	M-19 : Biotite	Mineral	1	MES/PHT/2011/EG/M19	Available	-	-	-	-
20	M-20 : Amphibole	Mineral	1	MES/PHT/2011/EG/M20	Available	-	-	-	-
21	M-21 : Asbestos	Mineral	1	MES/PHT/2011/EG/M21	Available	-	-	-	-
22	M-22 : Augite	Mineral	1	MES/PHT/2011/EG/M22	Available	-	-	-	-
23	M-23 : Olivine	Mineral	1	MES/PHT/2011/EG/M23	Available	-	-	-	-
24	M-24 : Tourmaline	Mineral	1	MES/PHT/2011/EG/M24	Available	-	-	-	-
25	M-25 : Garnet	Mineral	1	MES/PHT/2011/EG/M25	Available	-	-	-	-
26	M-26 : Netrofite	Mineral	1	MES/PHT/2011/EG/M26	Available	-	-	-	-
27	M-27 : Actinolite	Mineral	1	MES/PHT/2011/EG/M27	Available	-	-	-	-
28	M-28 : Calcite	Mineral	1	MES/PHT/2011/EG/M28	Available	-	-	-	-
29	M-29 : Dolomite	Mineral	1	MES/PHT/2011/EG/M29	Available	-	-	-	-
30	M-30 : Gypsum	Mineral	1	MES/PHT/2011/EG/M30	Available	-	-	-	-

31	M-31 : Bauxite	Mineral	1	MES/PHT/2011/EG/M31	Available	-	-	-	-
32	M-32 : Beryl	Mineral	1	MES/PHT/2011/EG/M32	Available	-	-	-	-
33	M-33 : Graphite	Mineral	1	MES/PHT/2011/EG/M33	Available	-	-	-	-
34	M-34 : Galena	Mineral	1	MES/PHT/2011/EG/M34	Available	-	-	-	-
35	M-35 : -	Mineral	-	MES/PHT/2011/EG/M35	Not available	-	-	-	-
36	M-36 : Hematite	Mineral	1	MES/PHT/2011/EG/M36	Available	-	-	-	-
37	M-37 : Magnetite	Mineral	1	MES/PHT/2011/EG/M37	Available	-	-	-	-
38	M-38 : Chalcopyrite	Mineral	1	MES/PHT/2011/EG/M38	Available	-	-	-	-
39	M-39 : Chromite	Mineral	1	MES/PHT/2011/EG/M39	Available	-	-	-	-
40	M-40 : Corandum	Mineral	1	MES/PHT/2011/EG/M40	Available	-	-	-	-
41	M-41 : Talc	Mineral	1	MES/PHT/2011/EG/M41	Available	-	-	-	-
42	M-42 : Fluorite	Mineral	1	MES/PHT/2011/EG/M42	Available	-	-	-	-
43	M-43 : Kyanite	Mineral	1	MES/PHT/2011/EG/M43	Available	-	-	-	-
44	M-44 : Strauolite	Mineral	1	MES/PHT/2011/EG/M44	Available	-	-	-	-
45	IR-1 : Granite Pink	Igneous Rock	1	MES/PHT/2011/EG/IR1	Available	-	-	-	-
46	IR-2 : Graphitic Granite	Igneous Rock	1	MES/PHT/2011/EG/IR2	Available	-	-	-	-
47	IR-3 : Plagiogranite	Igneous Rock	1	MES/PHT/2011/EG/IR3	Available	-	-	-	-
48	IR-4 : Blue Granite	Igneous Rock	1	MES/PHT/2011/EG/IR4	Available	-	-	-	-
49	IR-5 : Granite Porphyry	Igneous Rock	1	MES/PHT/2011/EG/IR5	Available	-	-	-	-
50	IR-6 : Syenite	Igneous Rock	1	MES/PHT/2011/EG/IR6	Available	-	-	-	-
51	IR-7 : Dolerite	Igneous Rock	1	MES/PHT/2011/EG/IR7	Available	-	-	-	-
52	IR-8 : Gabbro	Igneous Rock	1	MES/PHT/2011/EG/IR8	Available	-	-	-	-
53	IR-9 : Rhyolite	Igneous Rock	1	MES/PHT/2011/EG/IR9	Available	-	-	-	-
54	IR-10 : Pumice	Igneous Rock	1	MES/PHT/2011/EG/IR10	Available	-	-	-	-
55	IR-11 : Trachyte	Igneous Rock	1	MES/PHT/2011/EG/IR11	Available	-	-	-	-
56	IR-12 : Deccan Basalt	Igneous Rock	1	MES/PHT/2011/EG/IR12	Available	-	-	-	-
57	IR-13 : Amygdaloidal Basalt	Igneous Rock	1	MES/PHT/2011/EG/IR13	Available	-	-	-	-
58	IR-14 : Vesicular Basalt	Igneous Rock	1	MES/PHT/2011/EG/IR14	Available	-	-	-	-
59	IR-15 : Basalt	Igneous Rock	1	MES/PHT/2011/EG/IR15	Available	-	-	-	-
60	IR-16 : Diorite	Igneous Rock	1	MES/PHT/2011/EG/IR16	Available	-	-	-	-
61	IR-17 : Granodiorite	Igneous Rock	1	MES/PHT/2011/EG/IR17	Available	-	-	-	-
62	IR-18 : Volcanic breccia	Igneous Rock	1	MES/PHT/2011/EG/IR18	Available	-	-	-	-
63	IR-19 : Volcanic Tuff	Igneous Rock	1	MES/PHT/2011/EG/IR19	Available	-	-	-	-
64	IR-20 : Dacite	Igneous Rock	1	MES/PHT/2011/EG/IR20	Available	-	-	-	-
65	MR-1 : Quartzite	Metamorphic rock	1	MES/PHT/2011/EG/MR1	Available	-	-	-	-
66	MR-2 : Marble (White)	Metamorphic rock	1	MES/PHT/2011/EG/MR2	Available	-	-	-	-
67	MR-3 : Marble (Pinkish)	Metamorphic rock	1	MES/PHT/2011/EG/MR3	Available	-	-	-	-

68	MR-4 : Hornblende gneiss	Metamorphic rock	1	MES/PHT/2011/EG/MR4	Available	-	-	-	-
69	MR-5 : Biotite gneiss	Metamorphic rock	1	MES/PHT/2011/EG/MR5	Available	-	-	-	-
70	MR-6 : Migmatite	Metamorphic rock	1	MES/PHT/2011/EG/MR6	Available	-	-	-	-
71	MR-7 : Augen gneiss	Metamorphic rock	1	MES/PHT/2011/EG/MR7	Available	-	-	-	-
72	MR-8 : Banded gneiss	Metamorphic rock	1	MES/PHT/2011/EG/MR8	Available	-	-	-	-
73	MR-9 : Khondalite	Metamorphic rock	1	MES/PHT/2011/EG/MR9	Available	-	-	-	-
74	MR-10 : Chlorite schist	Metamorphic rock	1	MES/PHT/2011/EG/MR10	Available	-	-	-	-
75	MR-11 : Muscovite schist	Metamorphic rock	1	MES/PHT/2011/EG/MR11	Available	-	-	-	-
76	MR-12 : Granite gneiss	Metamorphic rock	1	MES/PHT/2011/EG/MR12	Available	-	-	-	-
77	MR-13 : Hornblende schist	Metamorphic rock	1	MES/PHT/2011/EG/MR13	Available	-	-	-	-
78	MR-14 : Talc schist	Metamorphic rock	1	MES/PHT/2011/EG/MR14	Available	-	-	-	-
79	MR-15 : Graphite schist	Metamorphic rock	1	MES/PHT/2011/EG/MR15	Available	-	-	-	-
80	MR-16 : phyllite	Metamorphic rock	1	MES/PHT/2011/EG/MR16	Available	-	-	-	-
81	MR-17 : Slate	Metamorphic rock	1	MES/PHT/2011/EG/MR17	Available	-	-	-	-
82	MR-18 : Mylonite	Metamorphic rock	1	MES/PHT/2011/EG/MR18	Available	-	-	-	-
83	MR-19 : Softstone	Metamorphic rock	1	MES/PHT/2011/EG/MR19	Available	-	-	-	-
84	MR-20 : Hornblende biotite gneiss	Metamorphic rock	1	MES/PHT/2011/EG/MR20	Available	-	-	-	-
85	SR-1 : Conglomerate	Sedimentary rock	1	MES/PHT/2011/EG/SR1	Available	-	-	-	-
86	SR-2 : Breccia	Sedimentary rock	2	MES/PHT/2011/EG/SR2	Available	-	-	-	-
87	SR-3 : Sandstone silicious	Sedimentary rock	3	MES/PHT/2011/EG/SR3	Available	-	-	-	-
88	SR-4 : Sandstone ferruginous	Sedimentary rock	4	MES/PHT/2011/EG/SR4	Available	-	-	-	-
89	SR-5 : Sandstone calcareous	Sedimentary rock	5	MES/PHT/2011/EG/SR5	Available	-	-	-	-
90	SR-6 : Sandstone, siltstone	Sedimentary rock	6	MES/PHT/2011/EG/SR6	Available	-	-	-	-
91	SR-7 : Sandstone fossiliferous	Sedimentary rock	7	MES/PHT/2011/EG/SR7	Available	-	-	-	-
92	SR-8 : Sandstone red	Sedimentary rock	8	MES/PHT/2011/EG/SR8	Available	-	-	-	-
93	SR-9 : Shale grey	Sedimentary rock	9	MES/PHT/2011/EG/SR9	Available	-	-	-	-
94	SR-10 : Shale laminated	Sedimentary rock	10	MES/PHT/2011/EG/SR10	Available	-	-	-	-
95	SR-11 : Marl	Sedimentary rock	11	MES/PHT/2011/EG/SR11	Available	-	-	-	-
96	SR-12 : Laterite	Sedimentary rock	12	MES/PHT/2011/EG/SR12	Available	-	-	-	-
97	SR-13 : Bauxite	Sedimentary rock	13	MES/PHT/2011/EG/SR13	Available	-	-	-	-
98	SR-14 : Limestone shaly	Sedimentary rock	14	MES/PHT/2011/EG/SR14	Available	-	-	-	-
99	SR-15 : Limestone reef	Sedimentary rock	15	MES/PHT/2011/EG/SR15	Available	-	-	-	-
100	SR-16 : Limestone oolitic	Sedimentary rock	16	MES/PHT/2011/EG/SR16	Available	-	-	-	-
101	SR-17 : Coal bituminous	Sedimentary rock	17	MES/PHT/2011/EG/SR17	Available	-	-	-	-
102	SR-18 : Coal anthracite	Sedimentary rock	18	MES/PHT/2011/EG/SR18	Available	-	-	-	-
103	H-1 : Talc		1		Available	-	-	-	-
104	H-2 : selenite		1		Available	-	-	-	-
105	H-3 : Calcite		1		Available	-	-	-	-

106	H-4 : Fluorite		1		Available	-	-	-	-
107	H-5 : Apatite		1		Available	-	-	-	-
108	H-6 : Microcline	Box :: Moh's scale	1	MES/PHT/2011/EG/MHMB	Available	-	-	-	-
109	H-7 : Quartz		1		Available	-	-	-	-
110	H-8 : Topaz		1		Available	-	-	-	-
111	H-9 : Corundum		1		Available	-	-	-	-
112	C-1 : Biotite		1		Available	-	-	-	-
113	C-2 : Muscovite		1		Available	-	-	-	-
114	C-3 : Gypsum		1		Available	-	-	-	-
115	C-4 : Halite	Box :: Cleavage Mine	1	MES/PHT/2011/EG/MHMB	Available	-	-	-	-
116	C-5 : Calcite		1		Available	-	-	-	-
117	C-6 : Microcline		1		Available	-	-	-	-
118	L-1 : Chalcopyrite		1		Available	-	-	-	-
119	L-2 : Galena		1		Available	-	-	-	-
120	L-3 : Fluorite		1		Available	-	-	-	-
121	L-4 : Quartz		1		Available	-	-	-	-
122	L-5 : Asbestos		1		Not Available	-	-	-	-
123	L-6 : Kyanite		1		Available	-	-	-	-
124	L-7 : Talc	Box :: Luster	1	MES/PHT/2011/EG/LCBO	Available	-	-	-	-
125	L-8 : Heulandite		1		Available	-	-	-	-
126	L-9 : Dolomite		1		Available	-	-	-	-
127	L-10 : Corundum		1		Available	-	-	-	-
128	L-11 : Agate		1		Available	-	-	-	-
129	L-12 : Nepheline		1		Available	-	-	-	-
130	F-1 : Sulphar		1		Available	-	-	-	-
131	F-2 : Apatite		1		Available	-	-	-	-
132	F-3 : Microcline		1		Available	-	-	-	-
133	F-4 : Orthoclase		1		Available	-	-	-	-
134	F-5 : Actinolite	Box-Fracture	1	MES/PHT/2011/EG/FMC	Available	-	-	-	-
135	F-6 : Tremolite		1		Available	-	-	-	-
136	F-7 : ...		-		Not Available	-	-	-	-
137	F-8 : Chalcedony		1		Available	-	-	-	-
138	F-9 : Albite		1		Available	-	-	-	-
139	F-10 : Copper		1		Available	-	-	-	-

Remark: Metamorphic Rock (MR10 to MR20) bill is missing,Bills of Mohrs scale , Cleavage mineral,Luster mineral and fracture mineral are missing.

Lab Coordinator




HOD



Name of the Department : Civil Engineering

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Laboratory Name : Transportation Engineering

Lab Audit AY: 2022-23

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per dead stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	Los Angeles Abrasion Testing Machine		1	MES/PHT/20 12/ATM/01	Available	Working	Calibration Done	-	
2	Aggregate Impact Value Apparatus		1	MES/PHT/20 12/AIV/01	Available	Working	-	-	
3	Aggregate Crushing Value Apparatus		1	MES/PHT/20 12/ACV/01	Available	Working	-	-	
4	Automatic Penetrometer		1	MES/PHT/20 12/AP/01	Available	Working	-	-	
5	Ductility Apparatus		1	MES/PHT/20 12/DA/01	Available	Working	-	-	
6	Ring and Ball Apparatus		1	MES/PHT/20 12/RBA/01	Available	Working	-	-	
7	Tar Viscometer		1	MES/PHT/20 12/TVO/01	Available	Working	-	-	
8	Hot Plate	Round-Energy Regulator and C.I. top	1	MES/PHT/20 16/HPR/01	Available	Working	-	-	
9	Beaker	Glass Borosil	1	MES/PHT/20 16/BGB/01	Available	Working	-	-	
10	Tamping Rod		1	MES/PHT/20 16/TR/01	Available	Working	-	-	
11	Tray- G.I.	300*300*50mm	1	MES/PHT/20 16/TGI/01	Available	Working	-	-	
12	Tray- G.I.	450*300*50mm	1	MES/PHT/20 16/TGI/01	Available	Working	-	-	

13	Coarse Sieves-300mm	63mm	1	MES/PHT/20 16/CSS/01	Available	Working	-	-	
		50mm	1	MES/PHT/20 16/CSS/02	Available	Working	-	-	
		40mm	1	MES/PHT/20	Available	Working	-	-	
		31.5mm	1	MES/PHT/20	Available	Working	-	-	
		25mm	1	MES/PHT/20	Available	Working	-	-	
		20mm	1	MES/PHT/20	Available	Working	-	-	
		16mm	1	MES/PHT/20	Available	Working	-	-	
		12.5mm	1	MES/PHT/20	Available	Working	-	-	
		10mm	1	MES/PHT/20	Available	Working	-	-	
		6.3mm	1	MES/PHT/20	Available	Working	-	-	
		2.36mm	1	MES/PHT/20	Available	Working	-	-	
		1.7mm	1	MES/PHT/20	Available	Working	-	-	
		Lid and Pan	1	MES/PHT/20	Available	Working	-	-	


 Lab Coordinator

HOD




Name of the Department : Civil Engineering

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Laboratory Name : Surveying

Lab Audit

AY: 2022-23

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per dead stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	Lynn Micro-optic one second theodolite		1	MES/PHT/2011/OST/01	Available	Working	Lensworking	-	Maintenance done
2	Lynn Dumpy Level		1	MES/PHT/2011/DL/01	Not available	-	-	-	Discarded
3	Pentax Total Station		1	MES/PHT/2011/TSTN/01	Available	Working	-	-	wooden stand not available
4	Chain- 20m		3	MES/PHT/2011/CH20/01-03	Available	Working	-	-	-
5	Chain- 30m		3	MES/PHT/2011/CH30/01-03	Available	Working	-	-	-
6	Ranging Rod		10	MES/PHT/2011/RGR/01-10	Available	Working	functional	Yes	-
7	Open cross staff with stand		4	MES/PHT/2011/OCS/01-03	Not available	-	-	-	Discarded
8	Prismatic compass with stand		3	MES/PHT/2011/PC/01-03	Available	2 Working, 1 not working	functional	one compass to be written off	-
9	Surveyor's compass with stand		2	MES/PHT/2011/SC/01-02	Available	Working	-	-	-
10	Transit theodolite with stand		2	MES/PHT/2011/TT/01-02	Available	Working	functional	one theodolite to be written off	-
11	Auto level with stand		1	MES/PHT/2011/AL/01	Available	Working	-	-	-
12	Dumpy level with stand		2	MES/PHT/2011/DL/01-02	Available	Working	Lens issue Solved	-	-
13	Polar planimeter		1	MES/PHT/2011/PPR/01	Available	-	-	-	Not in use
14	Plane table with accessories		6	MES/PHT/2011/PT/01-06	Available	05 working, 1 not working	-	-	-
15	Linen tape-30m		5	MES/PHT/2011/LT-30/01-05	2 Available, 2 Not available	1 Working, 1 not working	functional	one tape to be written off	-
16	Steel tape-30m		5	MES/PHT/2011/ST-30/01-05	1 Available, 4 Discarded	Working	-	-	-

17	Levelling staff		6	MES/PHT/2011/LST/01-06	4 Available, 2 Discarded	4 Working	-	-	-
18	Pentax single prism with accessories		1	MES/PHT/2011/PSP/01	Available	Partly Working	Fix Issue	-	-
19	Optical square		4	MES/PHT/2011/OS/01-04	1 Available, 3 Not Available	Working	functional	Needs to be written off	-
20	Digital theodolite with stand		4	MES/PHT/2016/DT/01-04	Available	Working	-	-	Battery gets detached
21	Dumpy level with stand		5	MES/PHT/2016/DL/01-05	Available	2 Working, 3 not working	Lens problem	-	-
22	Transit theodolite with stand		5	MES/PHT/2016/TT/01-05	3 Available, 2 not available	3 Working	-	-	-
23	Levelling staff		10	MES/PHT/2016/LS/01-10	Available	Working	Locking Problem	-	Maintenance required
24	Ranging Rod		15	MES/PHT/2016/RR/01-15	Available	Working	06 Damaged due to hammering, 01 Bend during project	01 need to be written off	May be repaired by welding
25	Prismatic compass with stand		5	MES/PHT/2016/PC/01-05	Available	Working	03 Not functional, 1 screw issue	03 needs to be written off	Maintenance required
26	Surveyor's compass with stand		3	MES/PHT/2016/SC/01-03	Available	Working	functional	02 needs to be written off	-
27	Digital planimeter		2	MES/PHT/2016/DP/01-02	Available	Working	Display working	-	-
28	Open cross staff with stand		7	MES/PHT/2016/CS/01-07	Available	Working	Cross hair broken and arms bend	02 needs to be written off	-
29	Linen tape-30m		10	MES/PHT/2016/LT/01-10	6 Available, 4 Not available	Working	functional	03 needs to be written off	4 tapes are missing
30	Steel tape-30m		3	MES/PHT/2016/ST/01-03	Available	Working	-	-	-
31	Chain-30m		2	MES/PHT/2016/C-30/01-02	Available	Working	-	-	-
32	Chain- 20m		1	MES/PHT/2016/C-20/01	Available	Working	-	-	-

33	Rodometer	1	MES/PHT/2016/RM/01	Available	Working	Battery Issue Solved	-	Cell discharged
34	Plane table	2	MES/PHT/2016/PT/01-02	Available	Working	Fixture Issue	-	-
35	Extra accessories for plane table	3	MES/PHT/2016/PTA/01-03	Available	Working	-	-	-
36	Plumb bob	4	MES/PHT/2016/PB/01-04	3 Available, 1 Not available	Working	-	-	One plumb bob missing
37	Global positioning system	1	MES/PHT/2016/GPS/01	Available	Working	-	-	-

Lab Coordinator

HOD

[Signature]
Narasimha Reddy



Mahatma Education Society's

Priya HOC College of Engineering and Technology

Name of the Department : Civil Engineering

Laboratory Name : Fluid Mechanics

Lab Audit AY: 2022-23

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per dead stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	METACENTRIC HEIGHT		1	MES/MM/A/1-12/01	Available	Working	-	-	
2	BERNOULLI'S THEOREM		1	MES/BTVS/1-12/01	Available	Working	-	Calibration Done	
3	REYNOLDS APPARATUS		1	MES/RA/11-12/01	Available	Working	-	-	
4	IMPACT OF JET APPARATUS		1	MES/IOJA/1-12/01	Available	Working	-	-	
5	POWER TRANSMISSION THROUGH NOZZE		1	MES/PTTN/1-12/01	Available	Working	-	-	
6	GEAR PUMP TEST RIG		1	MES/GPTR/1-12/01	Available	Working	-	-	
7	AXIAL PUMP TEST RIG		1	MES/APTR/1-12/01	Available	Working	-	-	
8	VANE PUMP TEST RIG		1	MES/VPTR/1-12/01	Available	Working	-	-	
9	META CENTRIC HEIGHT APPARATUS		1	MES/11-12/MTA/02	Available	Working	-	-	
10	BERNOULLI'S THEOREM APPARATUS		1	MES/11-12/BI/A/02	Available	Working	-	-	
11	ORIFICE & MOUTHPIECE APPARATUS		1	MES/11-12/OMP/01	Available	Working	-	-	
12	NOTCHES & WEIR	Calibration of notches and weirs	1	MES/11-12/C/NW/01	Available	Working	-	-	

13	VENTURIMETER	Calibration of Venturimeter	1	MES/11-12/CV/01	Available	Working	-	Calibration Required	
14	NOZZLEMETER		1	MES/11-12/CN/02	Not Available		-	-	
15	VISCOSITY BY STOKES		1	MES/11-12/VSC/01	Not Available		-	-	
16	PIPE FRICTION APPARATUS		1	MES/11-12/PFA/01	Available	Working	-	-	
17	LOSSES IN PIPE APPARATUS		1	MES/11-12/LPA/01	Available	Working	-	-	
18	REYNOLDS APPARATUS		1	MES/11-12/RA/02	Available	Working	-	Y	

Remarks: Bills of equipment no. 1 to 8 are missing.
Calibration of all pressure gauges are due.

Lab Coordinator



HOD

[Handwritten Signature]

Name of the Department : Civil

Laboratory Name : Environmental Engineering

Lab Audit AY:2022-23

Mahatma Education Society's
Pillai HOC College of Engineering and Technology

Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per deacd stock register	Available / Not available	Working / Not working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	Hot air oven		1	MES/PHT/HAO/12-13/01	Available	Working	-	-	
	Misc. Item				Available	Working	-	-	
	i. MPN Kit		1		Available	Working	-	-	
	ii. Bacteriological Incubator		1		Available	Working	-	-	
	iii. Pipette		1		Available	Working	-	-	
	iv. Pipette filler		1	MES/PHT/BI/12-13/01	Not Available	-	-	-	
2	v. Durham tube		1		Not Available	-	-	-	
	vi. Bunsen Burner		1		Available	Working	-	-	
	3 Floculator		1	MES/PHT/JT/A/12-13/01	Available	Working	-	-	
	4 Water test kit-Hardness		1	MES/PHT/WTKH/12-13/01	Available	Working	-	-	
	5 Water test kit-Alkalinity		1	MES/PHT/WTKH/12-13/01	Available	Working	-	-	
	6 Turbidity meter		1	MES/PHT/TM/12-13/01	Available	Working	-	-	
7 Chloroscope		1	MES/PHT/CH/12-13/01	Available	Working	-	-		
8 Ph meter digital		1	MES/PHT/PM/12-13/01	Available	Working	-	-		
9 Ph meter Microprocessor base		1	MES/PHT/PHMB/12-13/01	Available	Working	-	-		
10 Digital Oxygen meter		1	MES/PHT/DOM/13-14/01	Available	Working	Sensor working	-	-	
11 Imhoff settling cone		1	MES/PHT/ISC/13-14/01	Available	Working	-	-		
12 Muffle furnace		1	MES/PHT/ME/13-14/01	Available	Working	-	-		
13 Ph meter digital		1	MES/PHT/PHM/13-14/01	Available	Working	-	-		
14 Sound level meter		1	MES/PHT/SLM/13-14/01	Available	Working	-	-		
15 TDS meter		1	MES/PHT/TDSM/13-14/01	Available	Working	Sensor working	-	-	
16 Water test kit-Chloride		1	MES/PHT/WTK/13-14/01	Available	Working	-	-		
Total solids instruments					Available	Working	-	-	
i. Silica crucibles					Available	Working	-	-	
ii. Lab. Oven					Available	Working	-	-	
iii. Dessicator					Available	Working	-	-	

17	iv. Electronic Balance		1	MES/PHT/TS/13-14/01	Not Available	-	Calibration Done	-	
	v. Crucible Tang		1		Available	Working	-	-	
	vi. Wash bottle 500ml		1		Available	Working	-	-	
	vii. Pipette 50ml		1		Available	Working	-	-	
18	COD Digester		1	MES/PHT/COD/13-14/01	Available	Working	Calibration Done	-	
19	High volume sampler		1	MES/PHT/HVS/16-17/01	Available	Working	-	-	
20	Jar test apparatus		1	MES/PHT/JT.A/16-17/01	Available	Working	-	-	
21	Turbidity meter		1	MES/PHT/TM/16-17/01	Available	Working	-	-	
22	BOD incubator		1	MES/PHT/BI/16-17/01	Available	Working	-	-	
23	BOD Bottles		12	MES/PHT/BS/16-17/01-12	Available	Working	-	-	
24	Silica crucibles		12	MES/PHT/SB/16-17/01-12	Available	Working	-	-	
25	Chloroscope		1	MES/PHT/CH/16-17/01	Available	Working	-	-	
26	Beaker 1000ml		2	MES/PHT/BE/16-17/1-2	Available	Working	-	-	
27	Beaker 500ml		4	MES/PHT/BE/16-17/1-4	3 Available, 1 not Available	Working	-	-	
28	Beaker 250ml		6	MES/PHT/BE/16-17/1-6	Available	Working	-	-	
29	Conical flask		1	MES/PHT/CF/16-17/1	Available	Working	-	-	
30	Desiccants		1	MES/PHT/DE/16-17/01	Available	Working	-	-	
31	Weighing scale		1	MES/PHT/WS/16-17/01	Available	Working	-	-	
32	Retort stand		12	MES/PHT/RS/16-17/1-12	Available	Working	-	-	
33	Funnel		6	MES/PHT/FU/16-17/1-6	3 Available, 3 not Available	Working	-	-	
34	Oven gloves		1	MES/PHT/OG/16-17/01	Available	Working	-	-	
35	Chemical gloves		12	MES/PHT/CG/16-17/1-12	3 Available, 9 not Available	Working	-	-	
36	Tongue		1	MES/PHT/TO/16-17/01	Available	Working	-	-	
	Misc. Item				Available	Working	-	-	
	i. Beaker 50ml		5		Available	Working	-	-	
	ii. Beaker 1000ml		5		Available	Working	-	-	
	iii. Beaker 500ml		5		Available	Working	-	-	
	iv. Conical flask		10		Available	Working	-	-	

37	v. Volumetric flask				MES/PHT/CO/17-18/1-5	4 Available, 1 not Available	Working	-	-	
	vi. Glass rod	5				Available	Working	-	-	
	vii. BOD bottle	5				Available	Working	-	-	
	viii. Silica Crucible 50ml	7				Available	Working	-	-	
	ix. Silica Crucible 100ml	5				Available	Working	-	-	
38	pH Electrode	2			MES/PHT/ELE/17-18/1-2	Available	Working	Broken	-	
	Misc. Item					Available	Working	-	-	
	i. bod bottle	15				Available	Working	-	-	
39	ii. Standard turbidity solution	1			MES/PHT/CO/18-19/1-3	Available	Working	-	-	
	iii. Glass rods	5				Available	Working	-	-	
40	Electrode pH	2			MES/PHT/PH/18-19/1-2	Available	Working	-	-	
41	COD Digester	1			MES/PHT/COD/18-19/0/1	Available	Working	-	-	

Remarks: Some glassware not entered in DSR. Weighing balance available in lab but not added in DSR. Calibration is due for most of equipments.


Lab Coordinator


HOD



Sr. No.	Name of Equipment	Specifications	Quantity	Sr. No. as per dead stock registry	Available / Not available	Working / Not Working	If not working mention status	Need to be written off Y/N	Auditor Remark
1	Core Cutter Kit		1	MES/PH/T/2-13/FDCC/01/a-c	Available	Working	-	-	
2	Sand Pouring Cylinder Apparatus	(18" x18" x18")	1	MES/PH/T/2-13/SPC/01/a-c	Available	Working	-	-	
3	Thermostatic Oven	(capacity- 50ml)	1	MES/PH/T/2-13/T/SO/01	Available	Working	-	-	
4	Density Bottle	(capacity- 50ml)	1	MES/PH/T/2-13/DB/01	Not Available	Not Working	Glass Bottle Broken	-	
4	Density Bottle	(capacity- 50ml)		MES/PH/T/2-13/DB/02	Available	Working	-	-	
4	Density Bottle	(capacity- 50ml)		MES/PH/T/2-13/DB/03	Available	Working	-	-	
4	Density Bottle	(capacity- 50ml)		MES/PH/T/2-13/DB/04	Available	Working	-	-	
4	Density Bottle	(capacity- 50ml)		MES/PH/T/2-13/DB/05	Available	Working	-	-	
4	Density Bottle	(capacity- 50ml)		MES/PH/T/2-13/DB/06	Available	Working	-	-	
5	Pycnometer	(capacity – 1litre)		MES/PH/T/2-13/PYM/01	Available	Working	-	-	
5	Pycnometer	(capacity – 1litre)		MES/PH/T/2-13/PYM/02	Available	Working	-	-	
5	Pycnometer	(capacity – 1litre)		MES/PH/T/2-13/PYM/03	Available	Working	-	-	
5	Pycnometer	(capacity – 1litre)	6	MES/PH/T/2-13/PYM/04	Not Available	Not Working	Glass Bottle Broken	-	
5	Pycnometer	(capacity – 1litre)		MES/PH/T/2-13/PYM/05	Not Available	Not Working	Glass Bottle Broken	-	
5	Pycnometer	(capacity – 1litre)		MES/PH/T/2-13/PYM/06	Not Available	Not Working	Glass Bottle Broken	-	
6	GI sieves	80mm		MES/PH/T/2-13/GIS/01	Available	Working	-	-	
6	GI sieves	20mm		MES/PH/T/2-13/GIS/02	Available	Working	-	-	
6	GI sieves	10mm		MES/PH/T/2-13/GIS/03	Available	Working	-	-	
6	GI sieves	4.75mm	7	MES/PH/T/2-13/GIS/04	Available	Working	-	-	
6	GI sieves	2mm		MES/PH/T/2-13/GIS/05	Available	Working	-	-	
6	GI sieves	1.18mm		MES/PH/T/2-13/GIS/06	Available	Working	-	-	
6	GI sieves	lid and pan		MES/PH/T/2-13/GIS/07	Available	Working	-	-	
7	Brass Sieves	20mm		MES/PH/T/2-13/BSa/01	Available	Working	-	-	
7	Brass Sieves	10mm		MES/PH/T/2-13/BSa/02	Available	Working	-	-	
7	Brass Sieves	4.75mm		MES/PH/T/2-13/BSa/03	Available	Working	-	-	
7	Brass Sieves	2mm	6	MES/PH/T/2-13/BSa/04	Available	Working	-	-	
7	Brass Sieves	1.18mm		MES/PH/T/2-13/BSa/05	Available	Working	-	-	
7	Brass Sieves	lid and pan		MES/PH/T/2-13/BSa/06	Available	Working	-	-	
8	Brass Sieves	(600)µ		MES/PH/T/2-13/BSb/01	Available	Working	-	-	
8	Brass Sieves	425µ	4	MES/PH/T/2-13/BSb/02	Available	Working	-	-	
8	Brass Sieves	300µ		MES/PH/T/2-13/BSb/03	Available	Working	-	-	
8	Brass Sieves	150µ		MES/PH/T/2-13/BSb/04	Available	Working	-	-	
9	Brass Sieves	(75µ)	1	MES/PH/T/2-13/BSc/01	Available	Working	-	-	
10	Hydrometer range--	0.996 to 1.030g/ml	1	MES/PH/T/2-13/HY/M/01	Available	Not Working	Discarded	-	
11	Liquid limit & Plastic Limit apparatus		3	MES/PH/T/2-13/LL/PLA/01	Available	Working	-	-	
11	Liquid limit & Plastic Limit apparatus			MES/PH/T/2-13/LL/PLA/02	Available	Working	-	-	
11	Liquid limit & Plastic Limit apparatus			MES/PH/T/2-13/LL/PLA/03	Available	Working	-	-	
12	Shrinkage limit apparatus			MES/PH/T/2-13/SLA/01	Available	Not Working	Discarded	-	

12	Shrinkage limit apparatus		3	MES/PHT/12-13/SLA/02	Available	Working	--	--	--
13	Shrinkage limit apparatus		1	MES/PHT/12-13/SLA/03	Available	Working	--	--	--
14	Permeability Test Apparatus		1	MES/PHT/12-13/PTA/01	Available	Working	--	--	--
15	Standard Proctor compaction apparatus		1	MES/PHT/12-13/PCA/01	Available	Working	--	--	--
16	Modified Proctor compaction apparatus		1	MES/PHT/12-13/PCAB/01	Available	Working	--	--	--
17	Relative Density apparatus		1	MES/PHT/12-13/RDA/01	Available	Working	--	--	--
18	Vane shear apparatus		1	MES/PHT/12-13/VSA/01	Available	Working	--	--	--
19	CBR Testing machine		1	MES/PHT/12-13/CBRT/01	Available	Working	--	--	--
20	Consolidation Apparatus		1	MES/PHT/2013/DSA/01/a-c	Available	Working	--	--	--
21	Tri-axial apparatus		1	MES/PHT/2013/SA/01/a-f	Available	Working	--	--	--
22	Direct Shear apparatus		1	MES/PHT/2016/SA/02/b	Available	Working	Calibration Done	--	--
23	Proving ring -2KN		1	MES/PHT/2016/SA/02/b	Available	Working	Calibration Done	--	--
24	Proving ring -0.5KN		1	MES/PHT/2016/BE/02	Available	Working	--	--	--
25	Balance Electronics	(500mg x10mg)	1	MES/PHT/2016/CC/02	Available	Working	--	--	--
26	Hand Gloves		10Nos	MES/PHT/2016/HG/02	Available	Working	--	--	--
27	Core Cutter	100mm dia	2	MES/PHT/2016/CC/02	Available	Working	--	--	--
28	Proving ring -1kN		1	MES/PHT/2016/PR/02	Available	Working	--	--	--
29	Dial Gauge		1	MES/PHT/2016/DG/02/a-c	Available	Working	--	--	--
30	Dessicator		1	MES/PHT/2016/DES/02	Available	Working	--	--	--
31	Rubber Membrane		1	MES/PHT/2016/TS/Ag	Available	Working	--	--	--
32	Sample Cutter		2	MES/PHT/2016/TS/Ah	Available	Working	--	--	--
33	Sample Cutter		2	MES/PHT/2016/TS/Ah	Available	Working	--	--	--
34	Soil Hydrometer		1	MES/PHT/2016/HYM/02	Available	Working	--	--	--
35	Stop watch		1	MES/PHT/2016/HYM/02	Available	Working	Batteries are not working	--	--
36	Glass rod: 20cm long		1	MES/PHT/2016/SW/01	Available	Not working	--	--	--
37	Glass rod: 20cm long		2	MES/PHT/2016/GR/1	Not Available	Not working	Glass Rod Broken	--	--
38	Glass rod: 12" long		2	MES/PHT/2016/GR/2	Not Available	Working	--	--	--
39	Glass rod: 12" long		2	MES/PHT/2016/GR/2	Available	Working	--	--	--
40	Spanner set		1	MES/PHT/2016/SPS/01	Available	Working	--	--	--
41	Vernier Caliper		1	MES/PHT/2016/VC/01	Available	Working	--	--	--
42	Hydrogen Peroxide		1	MES/PHT/2016+/Chemicals/01	Not Available	--	--	--	--
43	hydrochloric acid		1	MES/PHT/2016+/Chemicals/02	Not Available	--	--	--	--
44	Sodium Hexamate Phosphate		1	MES/PHT/2016+/Chemicals/03	Not Available	--	Consume in previous years and not order for current A.Y.	--	--
45	Mercury		4	MES/PHT/2016/M/01	Not Available	--	--	--	--
46	Mercury		4	MES/PHT/2016/M/01	Not Available	--	--	--	--
47	Mercury		4	MES/PHT/2016/M/01	Not Available	--	--	--	--
48	Mercury		4	MES/PHT/2016/M/01	Not Available	--	--	--	--
49	Moisture core		30Nos	MES/PHT/2016/M/01	Working	--	--	--	--
50	Thermometer glass		1	MES/PHT/2016/MC/01	Available	Working	--	--	--
51	Cylinder measuring borosilicate g	100ml	1	MES/PHT/2016/MT/G/01	Available	Working	--	--	--
52	Cylinder measuring borosilicate g	100ml	4	MES/PHT/2016/CM/01	Available	Working	--	--	--
53	Cylinder measuring borosilicate g	100ml	4	MES/PHT/2016/CM/01	Available	Working	--	--	--
54	Cylinder measuring borosilicate g	100ml	4	MES/PHT/2016/CM/01	Available	Working	--	--	--
55	Cylinder measuring borosilicate g	100ml	1	MES/PHT/2016/CM/01	Not Available	Not working	Broken	--	--
56	Cylinder measuring borosilicate g	1000ml	1	MES/PHT/2016/CM/02	Available	Working	--	--	--
57	Filter Paper		1	MES/PHT/2016/FP/01	Not Available	Working	--	--	--

43	Porous stone -DST		2	MES/PHT/2016/PS/01	Not Available	Working	--	--
44	Sampling Outfit		1	MES/PHT/2016/PS/01	Not Available	Working	--	--
45	Extractor Frame		1	MES/PHT/2016/FF/O/01	Not Available	Working	--	--
46	Screw driver test		1	MES/PHT/2016/SD/01	Not Available	Working	--	--
47	Shrinkage set		3	MES/PHT/2017/SU/01	Available	Working	--	--
	Shrinkage set			MES/PHT/2017/SU/02	Available	Working	--	--
	Shrinkage set			MES/PHT/2017/SL/03	Available	Working	--	--
48	Dolly for core cutter		2	MES/PHT/2017/DC/01	Available	Working	--	--
	Dolly for core cutter			MES/PHT/2017/DC/02	Available	Working	--	--
49	Brass rod		1	MES/PHT/2017/BR/01	Not Available		--	--
50	Rubber Membrane		1	MES/PHT/2017/RM/01	Available		--	--
51	Fine Sieve	75micron	1	MES/PHT/2017/FS/01	Available	Working	--	--
52	Fine Sieve	425micron	1	MES/PHT/2017/FS/02	Available	Working	--	--
53	Evaporating Basin		2	MES/PHT/2017/EB/01	Available	Working	--	--
	Evaporating Basin			MES/PHT/2017/EB/02	Available	Working	--	--

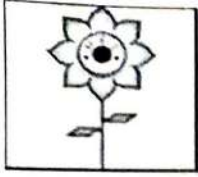
Note: Calibration is due for dial gauges and proving ring

Lab Coordinator




HOD


Narasimhan P P



Mahatma Education Society's
Pillai Hoc College of Engineering and Technology
Department of Computer Engineering


Date: 16 June, 2022

Notice

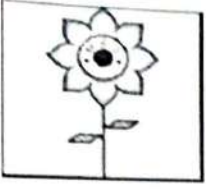
All the faculty members are hereby informed that following faculty member is nominated as lab auditor for A.Y 2022-23:

1. Mr. Rahul Kapse
2. Dr. Divya Y. Chirayil




Ms. Rohini Bhosale

HoD





Mahatma Education Society's
Pillai Hoc College of Engineering and Technology
Department of Computer Engineering


Date: 22 June, 2022

Notice

All the lab In-charges are hereby informed that lab audit is scheduled on 25 June 2022 (Saturday). All the lab In-charges complete the lab file before the audit.


Mr. Rahul Kapse
Auditor


Dr. Divya Y. Chirayil
Auditor


Ms. Rohini Bhosale
HoD



MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER ENGINEERING

AY-2022-23 (OSAY)

Sr. No	Name of the Laboratory	Name of Lab In-charge	Dead Stock Register	Purchase Record	Master Time table for the Laboratory	Lab Utilization	Wall Charts display in the Laboratory	Equipment In-Outward/Record	Lab Utilization Register	Laboratory Manuals	Lab Course Outcome (LCO)	Mapping of LCO-PO and LCO-PSO for all courses	Cleanliness of Lab	Safety Measures	Steps for improvement / up-gradation of the Laboratory	Remark by Auditor
1	Computer Graphics Laboratory	Ms. Rajashree Gadhave	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	cleanliness	ok
2	Artificial Intelligence Laboratory	Mr. Rahul Kapse	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	cleanliness	ok
3	Project Lab	Ms. Srijita Bhattacharjee	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	need	ok
4	Internet Technologies Laboratory	Ms. Nikita Saindane	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	cleanliness	ok
5	Database Laboratory	Ms. Archana Augustine	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	cleanliness	ok
6	Digital Signal and Image Processing Laboratory	Mr. More Abhijeet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	cleanliness	ok
7	Security Lab	Ms. Snehal Chitale	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	cleanliness	ok
8	PG lab	Ms. Ekta Ukey	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓	cleanliness	ok
9	Computer Center	Ms. Snehal Shinde	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	cleanliness	ok

Sign


Dr. Dnyanesh
 Name of External Auditor:

Name of Internal Auditor:  Sign

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Computer Engineering

Academic Audit Report

Academic Year: 2022-23 (O/S/23)

Strengths:

- All lab equipments & computers in working conditions & maintained properly.
- S/W's installed as per curriculum.

Weakness/Areas of improvement:

- proper cleanliness required in some lab
- replace damaged electrical switches.
- Need a rule to keep student bags.


Name and Signature of the Auditor


Name and Signature of HoD

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani

Department of Computer Engineering

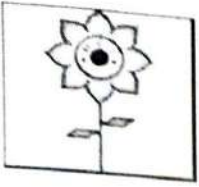
Action taken Report(OSAY 2022-23)

Areas of Improvement	Action Taken
Cleanliness required in some labs	Instructed Lab Assistance to maintain Cleanliness and paste instruction "Keep Your Lab Clean" on notice board
Replace Damaged Electrical Switches	Informed Central Maintenance Department to change the switches.
Need a rack to keep students bag	Kept Rack in the lab to keep students bag



Rohini
Ms. Rohini Bhosale

HoD




Mahatma Education Society's
Pillai Hoc College of Engineering and Technology
Department of Computer Engineering


Date: 21 Dec, 2022

Notice


All the lab In-charges are hereby informed that lab audit is scheduled on 24 Dec 2022 (Saturday). All the lab In-charges complete the lab file before the audit.


Mr. Rahul Kapse

Auditor


Dr. Divya Y. Chirayil

Auditor


Ms. Rohini Bhosale

HoD



MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY
 DEPARTMENT OF COMPUTER ENGINEERING
 AY-2022-23(ESAY)

Sl. No	Name of the Laboratory	Name of Lab In-charge	Dead Stock Register	Purchase Record	Master Time table for the Laboratory	Lab Utilization	Wall Charts display in the Laboratory	Equipment In-Outward/Record	Lab Utilization Register	Laboratory Manuals	Lab Course Outcome (LCO)	Mapping of LCO-PO and LCO-PSO for all courses	Cleanliness of Lab	Safety Measures	Steps for Improvement/Up-gradation of the Laboratory	Remark by Auditor
1	Computer Graphics Laboratory	Ms. Rajashree Gadhave	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	update	ok
2	Artificial Intelligence Laboratory	Mr. Rahul Kapse	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Lab manual	ok
3	Project Lab	Ms. Srijita Bhattacharjee	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	as per	ok
4	Internet Technologies	Ms. Nikita Saindane	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	reference	ok
5	Database Laboratory	Ms. Archana Augustine	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	guides	ok
6	Digital Signal and Image Processing	Mr. More Abhijeet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		ok
7	Security Lab	Ms. Snehal Chitale	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		ok
8	PG lab	Ms. Ekta Ukey	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	cleanliness manual	ok
9	Computer Center	Ms. Snehal Shinde	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		ok

Name of Internal Auditor: Rahul Kapse

Sign

Name of External Auditor: Dr. Divya C

Sign

Dr. Divya C

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Computer Engineering

Academic Audit Report

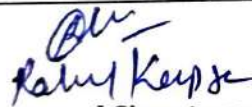
Academic Year: 2022-23 (ESTX)

Strengths:

- All lab equipments & computers are in working conditions & maintained properly.
- SW installed as per requirement of curriculum.

Weakness / Areas of improvement:

- Update lab names as per relevance of subjects.
- Install SW as per relevance of subject & industry requirement.


Name and Signature of the Auditor


Name and Signature of HoD

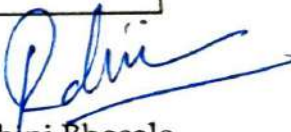
Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani

Department of Computer Engineering

Action taken Report (ESAY 2022-23)

Areas of Improvement	Action Taken
Update Lab names as per relevance of subjects.	Lab names are updated as per relevance of subjects.
Install Software as per relevance of subject & industry requirement	Installed Software as per relevance of subject & industry requirement




Ms. Rohini Bhosale

HoD

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Computer Engineering
Summary of Internal Lab Audit Conducted

Type of Audit	Academic Year	Semester	Notice date	Audit date	Name of the Auditor
Lab Audit	AY 2023-24	OSAY	6-Jul-23	8-Jul-23	1. Mr. Rahul Kapse 2. Dr. Divya Y. Chirayil



Ms. Rohini Bhosale
HoD



Mahatma Education Society's
Pillai HOC College of Engineering & Technology, Rasayani
Department of Electrical Engineering
AY- OSAY 22-23

Sr. No.	Name of the Lab	Lab Incharge	Dead Stock	Purchase record	Lab time table	Chrts display in the lab	Lab utilization	Mapping of CO-PO and PSO	cleanliness	safety measures	upgradation of lab	Remark by a Auditor
1	Instrumentation and Control Lab	Ms. Supriya Shigwan	✓	✓	✓	✓	✓	✓	✓	✓	✓	checked
2	Control and Power Electronics lab	Mr. Amir Shaikh	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
3	Communication Engineering lab	Ms. Ronita Pawn	✓	✓	✓	✓	MA	MA	✓	✓	✓	—
4	Analog Electronics Lab	Ms. Sangeeta R.	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
5	Electrical Machines lab	Mr. R.D. More	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
6	Embedded lab	Ms. Sanobar Shaikh	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
7	Basic Electrical and Electronics lab	Mr. Asokan S.	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
8	Protection and Switchgear lab	Ms. Pranita Chavan	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
9	Drives and Control	Lakshmi C.R.	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
10	Electrical Workshop	Mr. Asokan S.	✓	✓	✓	✓	✓	✓	✓	✓	✓	—

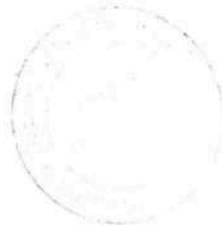
Audit done by:

1
2
3

form
C.D.S. M. D. Radand

Dr. Mansi Subhedar

Chavan
Pranita Chavan
HOD
17/06/2022



Bakal

Dr. J.W. Bakal
Principal

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of Engineering
& Technology, Pillai HOC Educational
Campus, Rasayani, Taluka Maharashtra,
Dist. Raigad, Pin - 410 207.

MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering


Date: *June 9, 2022*

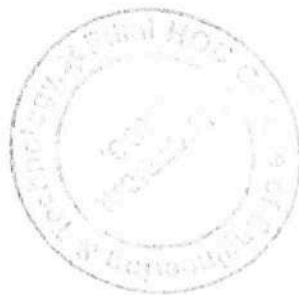
NOTICE

All Lab- In charges are here by informed that Lab audit is scheduled on *9/06/2022*

All are informed to keep dead stock, stock verification record and maintenance requirement if any ready.


Mr. R.D. More
Coordinator


Ms. Pranita Chavan
HOD



MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College Of Engineering & Technology, Rasayani
Department of Electrical Engineering

AYOSAY 2022-23

Date: June 30, 2022

Lab Audit Report

Strength

In all labs time table, List of experiments, utilization, charts are properly displayed
All safety instructions and charts are displayed in labs.
Fire extinguisher is available in lab.
Proper safety measures were followed by students while doing machine practicals.

Area of Improvement

In few labs up gradation is required as per new syllabus.

Mani
(Dr. Manasi S.)
Auditor
M.D. Nadar

Pharavay
HOD



MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College Of Engineering & Technology, Rasayani
Department of Electrical Engineering

AY- 05AY 22-23

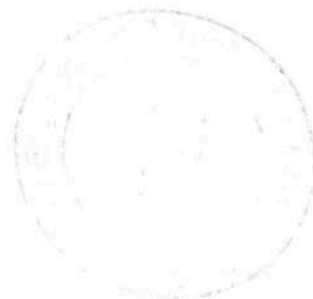
Date: August 5/2022

Action Taken Report

Area of improvement	Action Taken
Lab up gradation	All subjects in charge were informed to identify gap and identify the new experiments and additional equipment's required for up gradation of lab as per syllabus.
Student involvement in developing lab experiment kit	All faculties were informed to assign mini project, Major project to the students which can be utilised in laboratories for performing experiments.

~~188~~ (Sudhakar Kumar)
Anwar (Supriya Srinivasan)
Amal (Aamir Shaikh)
Lab In charge Sy (Asokan S)

Phewary
HOD
CP. R. Chavara



Mahatma Education Society's
Pillai HOC College of Engineering & Technology, Rasayani
Department of Electrical Engineering
AY- ESAY 22-23

Sr. No.	Name of the Lab	Lab Incharge	Dead Stock	Purchase record	Lab time table	Chrts display in the lab	Lab utilization	Mapping of CO-PO and PSO	cleanliness	safety measures	upgradation of lab	Remark by Auditor
1	Instrumentation and Control Lab	Ms. Supriya Shigwan	✓	✓	✓	✓	✓	✓	✓	✓	NA	Completed
2	Control and Power Electronics lab	Mr. Amir Shaikh	✓	✓	✓	✓	✓	✓	✓	✓	NA	Completed
3	Communication Engineering lab	Ms. Ronita Pawn	✓	✓	—	—	—	—	—	—	Not in syllabus	
4	Analog Electronics Lab	Ms. Sangeeta R.	✓	✓	✓	✓	✓	✓	✓	✓	Not repaired	checked
5	Electrical Machines lab	Mr. R.D. More	✓	✓	✓	✓	✓	✓	✓	✓	—	checked
6	Embedded lab	Ms. Narendra Dhande	✓	✓	✓	✓	✓	✓	✓	✓	—	"
7	Basic Electrical and Electronics lab	Mr. Asokan S.	✓	✓	✓	✓	✓	✓	✓	✓	—	"
8	Protection and Switchgear lab	Ms. Pranita Chavan	✓	✓	✓	✓	✓	✓	✓	✓	—	"
9	Drives and Control	Lakshmi C.R.	✓	✓	✓	✓	✓	✓	✓	✓	—	"
10	Electrical Workshop	Mr. Asokan S.	✓	✓	✓	✓	✓	✓	✓	✓	—	"

Audit done by:

1
2
3
Dr. Mausli Subhedar
(Dr. D. Madan)

Pranita Chavan

Pranita Chavan
HOD



Dr. J.W. Bakal

Dr. J.W. Bakal
Principal
PRINCIPAL

Mahatma Education Society's
Pillai HOC College of Engineering
& Technology, Pillai HOC Educational
Campus, Rasayani, Taluka Khalapur,
Dist. Raigad, Pin. - 410 207.

MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College of Engineering & Technology, Rasayani
Department of Electrical Engineering

Date: 6/01/2023

NOTICE

All Lab- In charges are here by informed that Lab audit is scheduled on 6/01/23

All are informed to keep dead stock, stock verification record and maintenance requirement if any ready.


Mr. R.D. More
Coordinator


Ms. Pranita Chavan
HOD



MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College Of Engineering & Technology, Rasayani
Department of Electrical Engineering

AY ESAY 2022-23

Date: 16/01/2023

Academic Audit Report/ Lab Audit Report

Strength

All Labs are maintained well. Regular maintenance of all Labs at the beginings of every semester
Labs are utilizer for mini / major project

Area of Improvement

upgradation of the Lab wherever possible

Dr. M. D. Nadas
16/01/23
Auditor

Lab In charge

Dr. Pawan Subhedar
16/01/2023



HOD
(P. R. chavan)
16/01/2023

MAHATMA EDUCATION SOCIETY'S
Pillai Hoc College Of Engineering & Technology, Rasayani
Department of Electrical Engineering

AY- ESAY 2022-23

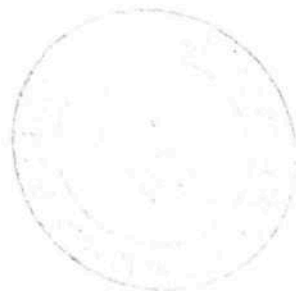
Date: 10/03/2023

Action Taken Report

Area of improvement	Action Taken
upgradation of the Lab	The students prepared working models for the purpose of demonstration, and these were collected.

~~R. Shukla Rajguru~~
S. Srinivas (Sriniva Srinivasan)
A. Amrith (Amrith Shanthi)
Lab In charge ~~of~~ (Asst. Prof.)
HOD (HOD/EE)

(P. Chavan)
HOD (P. Chavan)



**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Electronics & Computer Science**

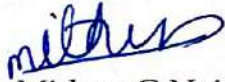
Notice

Date: 2nd August 2022

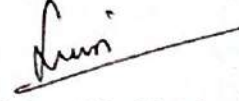
Laboratory Audit of OSAY 2022-2023 is planned on 13th August 2023. Following faculties are requested to complete the procedure of verification and submit the report in the given format.

Auditors Name:

- 1) Ms. Neha Shivhare
- 2) Ms. Priya Tambe
- 3) Mr. Upendra D. Patil



Mr. Mithun G Nair
Purchase In-charge



Dr. Mansi Subhedar
Head of Department

Mahatma Education Society's
Pillai HOC College of Engineering & Technology, Rasayani
Department of Electronics & Telecommunication Engineering
AY- OSAY 2022-23

Sr. No.	Name of the Lab	Lab Incharge	Dead Stock	Purchase record	Lab time table	Charts display in the lab	Lab utilization	Mapping of CO-PO and PSO	Cleanliness	Safety Measures	Upgradation of lab
1	Advance Communication Lab	Mr. Mithun Nair	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
2	Antenna & Microwave Lab	Mr. Mithun Nair	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
3	Communication Lab	Ms. Priya Tambe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
4	Controls & Instrumentation Lab	Ms. Rekha Dhawan	Yes	Yes	NA	Yes	NA	NA	Yes	Yes	NA
5	Microcontroller & Microprocessor Lab	Mr. Upendra Patil	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
6	Signal Processing Lab	Ms. Rekha Dhawan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
7	Simulation Lab	Mr. Shashikant Renuche	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
8	Project Lab	Mr. Jayesh Rane	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
9	Digital Electronics Lab	Ms. Pooja Shukre	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
10	Industrial Electronics Lab	Ms. Neha Shivhare	Yes	Yes	NA	Yes	NA	NA	Yes	Yes	NA
11	Analog Electronics Lab	Mr. Mithun Nair	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA


Auditors remark:

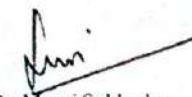
Renaming of labs required as per ECS.


Audit done by: 1. Ms. Neha Shivhare

2. Ms. Priya Tambe

3. Mr. Upendra D Patil


Mr. Mithun G Nair
Purchase Coordinator


Dr. Mansi Subhedar
Head of Department


Dr. J.W. Bakal
Principal

**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Department of Electronics & Computer Science**

Notice

Date: 22nd January 2023

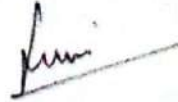
Laboratory Audit of ESAY 2022-2023 is planned on 28th January 2023. Following faculties are requested to complete the procedure of verification and submit the report in the given format.

Auditors Name:

- 1) Dr. Neha Shivhare
- 2) Ms. Priya Tambe
- 3) Mr. Upendra D. Patil



Mr. Mithun G Nair
Purchase In-charge



Dr. Mansi Subhedar
Head of Department

Mahatma Education Society's
Pillai HOC College of Engineering & Technology, Rasayani
Department of Electronics & Computer Science
AY- ESAY 2022-23

Sr. No.	Name of the Lab	Lab Incharge	Dead Stock	Purchase record	Lab time table	Charts display in the lab	Lab utilization	Mapping of CO-PO and PSO	Cleanliness	Safety Measures	Upgradation of lab
1	Computer Communication Lab	Ms. Priya Tambe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Not Required
2	Digital Systems Lab	Dr. Neha Shivhare	Yes	Yes	NA	Yes	NA	NA	Yes	Yes	Not Required
3	Artificial Intelligence Lab	Ms. Rekha Dhawan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Not Required
4	Software Engineering Lab	Ms. Pooja Shukre	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Not Required
5	Microcontroller & Microprocessor Lab	Mr. Upendra Patil	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Not Required
6	Analog Electronics Lab	Mr. Mithun Nair	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Not Required
7	Project Lab	Mr. Jayesh Rane	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Not Required
8	IoT Lab	Mr. Shashikant Renushe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Not Required


Auditors remark:


- 1) Digital systems lab utilization is NIL.
- 2) Printers required.


Audit done by: 1. Dr. Neha Shivhare

2. Ms. Priya Tambe

3. Mr. Upendra D Patil


Mr. Mithun G Nair
Purchase Coordinator


Dr. Mansi Subhedar
Head of Department


Dr. J.W. Bakal
Principal

**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING**

Lab Auditor Report Summary AY 22-23

HVACR LAB

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available in Lab
2	DSR (Equipment & Tools verification)	Available
3	Purchase file	Available
4	Maintenance record	Need to be updated. Pending from March 20
5	Safety board	Only one board is available, fire extinguisher due date is over
6	Lab utilization sheet	Not available.
7	Lab manual	Available, but need to be updated.
8	Instrument functionality	All instruments are working except anemometer.
9	Missing item	Ice plant tutor. (scraped) to be write off.
10	Write-off (if Any item/ equipment)	-11-

Overall remark by Auditor	

Name of Auditor & Sign with date

1	Dr. S.A. Umale -	tsa
2	Dr. M.D. Nadar	tsa
3		

Lab Incharge

Dr. G. V. Patil
HOD

Dr. J.W. Bakal
Principal

Thermal Engineering Part A)

CHT Lab Part A)

**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING**

Lab Auditor Report Summary AY-2022-23

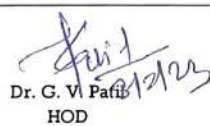
Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available
2	DSR (Equipment & Tools verification)	DSR maintained with all entries Entry 2 of Index mismatch with entry inside
3	Purchase file	Available
4	Maintenance record	Maintenance record then upto 2020
5	Safety board	Available
6	Lab utilization sheet	Lab utilization sheet maintained upto 2021
7	Lab manual	Available (as per HT)
8	Instrument functionality	Not functioning properly, Thermocouple not functioning, Reading inappropriate
9	Missing item	— NA —
10	Write-off (if Any item/ equipment)	— NA —

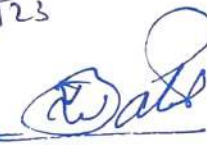
Overall remark by Auditor	Equipments need maintenance as majority of the apparatus not properly functioning, Thermocouple not functioning
---------------------------	---

Name of Auditor & Sign with date

1	Vivek Meshram
2	Dr. M. D. Nadar
3	


Lab Incharge


Dr. G. V. Patil
HOD


Dr. J. W. Bakal
Principal

Thermal diffusivity set up to be under maintenance

Thermal Engineering Part B (I.C. Lab)

MAHATMA EDUCATION SOCIETY'S PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI DEPARTMENT OF MECHANICAL ENGINEERING

Lab Auditor Report Summary AY-2022-23

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available
2	DSR (Equipment & Tools verification)	DSR maintained taking into consideration I.C Engine Lab
3	Purchase file	Purchase file combined with HEM Lab equipments
4	Maintenance record	Not available
5	Safety board	Needs to be updated
6	Lab utilization sheet	Not maintained
7	Lab manual	Available (as per I.C Engine Lab)
8	Instrument functionality	Mentioned in remarks
9	Missing item	— NA —
10	Write-off (if Any item/ equipment)	— NA —

Overall remark by Auditor	1) Petrol Engine Test ^{not} working as battery is not functional; Problem with Dynamometer
---------------------------	---

Name of Auditor & Sign with date

1	Vivek M. [Signature]
2	Dr. M.D. Nadar [Signature]
3	

2) Diesel engine Test Rig working but reading are inappropriate.

[Signature]
V. K. Shrestha
Lab Incharge

[Signature]
Dr. G. V. Patil
HOD

[Signature]
Dr. J.W. Bakal
Principal

**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING**

Lab Auditor Report Summary AY- 2022-23


Engg. Mechanics

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available in lab
2	DSR (Equipment & Tools verification)	Some instruments are available in room no 105 but its entry is there in Dom lab.
3	Purchase file	Purchase file is upto date
4	Maintenance record	Maintenance needs to be updated for 2021-22 and 2022-23
5	Safety board	Yes
6	Lab utilization sheet	Yes
7	Lab manual	Yes
8	Instrument functionality	All equipments are working except ① calibrating speed of shaft ② transmissibility
9	Missing item	No
10	Write-off (if Any item/ equipment)	No


Overall remark by Auditor	Two equipments are not working
---------------------------	--------------------------------

Name of Auditor & Sign with date

1	Kadom S.N.
2	Dr. M.D. Nadar
3	


Lab Incharge


Dr. G. V. Patil
HOD


Dr. J.W. Bakal
Principal

**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI TMM Lab
DEPARTMENT OF MECHANICAL ENGINEERING**

Lab Auditor Report Summary AY-2022-23

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Placed on Board.
2	DSR (Equipment & Tools verification)	Verified OK.
3	Purchase file	Available
4	Maintenance record	Maintained.
5	Safety board	Available. Fire Extinguisher etc.
6	Lab utilization sheet	Available.
7	Lab manual	Available.
8	Instrument functionality	All are working.
9	Missing item	—
10	Write-off (if Any item/ equipment)	—

Overall remark by Auditor	Maintenance of Peton wheel is in que.

Name of Auditor & Sign with date

1	Mr. Shashi Bhushan. 11/2/23
2	Dr. M. D. Nadar 11/2/23
3	

Jade
Lab Incharge

Patil
Dr. G. V. Patil
HOD

Bakal
Dr. J.W. Bakal
Principal

(HM) Tmm Lab.

**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING**




Lab Auditor Report Summary AY-2022-23

Eng. Mechanics

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Present on board.
2	DSR (Equipment & Tools verification)	DSR was maintained with all entries of instruments. All equipments Functioning.
3	Purchase file	Available - up to date
4	Maintenance record	NA
5	Safety board	Available
6	Lab utilization sheet	Available
7	Lab manual	Available.
8	Instrument functionality	All working.
9	Missing item	NA
10	Write-off (if Any item/ equipment)	NA.


Overall remark by Auditor	Everything is maintained.
---------------------------	---------------------------

Name of Auditor & Sign with date

1	Sayali K. 
2	S. Raiput 
3	Dr. M. D. Nadar 


Lab Incharge


Dr. G. V. Patil
HOD


Dr. J. W. Bakal
Principal

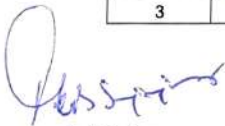
**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI MMC Lab
DEPARTMENT OF MECHANICAL ENGINEERING
Lab Auditor Report Summary AY 2022-23**


Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available
2	DSR (Equipment & Tools verification)	Verified & 1 Small item missing [Diploma DSR to be included]. Sr.No.21 - Neo motor - missing
3	Purchase file	Available & updated.
4	Maintenance record	Available. To be updated
5	Safety board	Fire Extinguisher available. more posters may be required.
6	Lab utilization sheet	Not available
7	Lab manual	Available
8	Instrument functionality	Few items not working. Informed to Maint. people.
9	Missing item	NEO motor (Sr.No.21)
10	Write-off (if Any item/ equipment)	Sr.No.7 Profile Projector. (Got New instrument from Polytechnic)

Overall remark by Auditor	Recently, lab is shifted to bigger Room in, more posters required
---------------------------	---

Name of Auditor & Sign with date

1	S. Rajput 30/11/23
2	Dr. M. D. Nadar 27
3	


Lab Incharge


Dr. G. V. Patil
HOD


Dr. J.W. Bakal
Principal

CNC

MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING

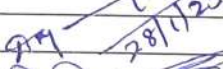
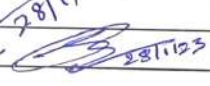
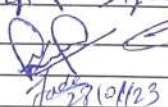
CNC Lab

Lab Auditor Report Summary AY-2022-23

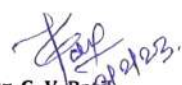
Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available
2	DSR (Equipment & Tools verification)	Detail Equipment list need to be entered in the DSR.
3	Purchase file	Comparative statement need to be included in P/o file.
4	Maintenance record	Available in the common register.
5	Safety board	Needs to be updated.
6	Lab utilization sheet	Attendance record need to be maintained.
7	Lab manual	Available
8	Instrument functionality	Working
9	Missing item	-
10	Write-off (if Any item/ equipment)	-NA-


Overall remark by Auditor	Lab is well maintained.

Name of Auditor & Sign with date

1	Dr. M. D. Nadar	
2	Mr. Swapnil Nawale	 28/1/23
3	Mr. Aditya Shinde	 28/1/23
4	Mr. Atul Jade	 28/1/23

Lab Incharge


Dr. G. V. Patil
HOD


Dr. J.W. Bakal
Principal

CNC Lab

Work Shop

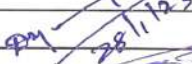


**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING**

Lab Auditor Report Summary AY-2022-23

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available.
2	DSR (Equipment & Tools verification)	Carpentry, Welding, Fitting, Plumbing, Sheet metal - DSR Available
3	Purchase file	Purchase file is not there, but Bills are available
4	Maintenance record	Available.
5	Safety board	Available.
6	Lab utilization sheet	22-23 is Available, 20-21, 21-22 not Available.
7	Lab manual	Available.
8	Instrument functionality	Welding Working,
9	Missing item	→ NA →
10	Write-off (if Any item/ equipment)	→ NA →

Overall remark by Auditor	Equipments should be centralised & should be placed in same place.
	Maintain utilisation Record.

Name of Auditor & Sign with date

1	Dr. M. D. Nadar	
2	Mr. Swapnil Nawale	
3	Mr. Aditya Shinde	
4	Mr. Atul Jade	


J. K. Bhagat

Lab Incharge

(Workshop)



Dr. G. V. Patil
HOD



Dr. J.W. Bakal
Principal

m/c shop





MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING


Lab Auditor Report Summary AY 2022-23

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available .
2	DSR (Equipment & Tools verification)	Available .
3	Purchase file	Available .
4	Maintenance record	Available
5	Safety board	Available
6	Lab utilization sheet	Available
7	Lab manual	Available .
8	Instrument functionality	23 lathe m/ces are working .
9	Missing item	- NA -
10	Write-off (if Any item/ equipment)	- NA -


Overall remark by Auditor	Lab is well maintained.

Name of Auditor & Sign with date

1	Dr. M. D. Nadar	 28/1/23
2	Mr. Swapnil Nawale	 28/1/23
3	Mr. Aditya Shinde	 28/1/23
4	Mr. Atul Jade	 28/1/23


V.V.R. Bhagat
Lab Incharge

MIC SHOP


27/1/23
Dr. G. V. Patil
HOD


Dr. J.W. Bakal
Principal

Research Lab (3D Printer)

**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING AY 2022-23
Lab Auditor Report Summary**

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Not applicable
2	DSR (Equipment & Tools verification)	- All entries made in DSR, - DSR is updated till date
3	Purchase file	-- Available
4	Maintenance record	- Not available
5	Safety board	- Yes
6	Lab utilization sheet	- Record maintained in register
7	Lab manual	- Not applicable
8	Instrument functionality	- All instruments are in working condition
9	Missing item	- HP colour printer
10	Write-off (if Any item/ equipment)	-

Overall remark by Auditor	-
	-
	-

Name of Auditor & Sign with date

1	V. K. Bhagat	27/1/23
2	Hemant Patil	27/1/23
3	Dr. M. D. Nadar	27/1/23

[Signature]
27/1/23
Lab Incharge
K.S Anish.

[Signature]
27/1/23
Dr. G. V. [Name]
HOD

[Signature]
Dr. J.W. Bakal
Principal

**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING**

SOM Lab

Lab Auditor Report Summary At 2022-23

Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available
2	DSR (Equipment & Tools verification)	Available
3	Purchase file	Available
4	Maintenance record	Not available
5	Safety board	Safety instructions are available but need to display on board.
6	Lab utilization sheet	Need to display on board
7	Lab manual	Available
8	Instrument functionality	Torsion M/c not working [Chuck Replacement Required]
9	Missing item	Window pane missing, Window Covers maintenance required
10	Write-off (if Any item/ equipment)	—

Overall remark by Auditor	Cleaning of UTM required [Threads]
---------------------------	------------------------------------

Name of Auditor & Sign with date

1	Ashwini Kadam	Ashwini
2	Dr. M. D. Nadar	21/11/23
3		

Lab Incharge

(Mr. Shashi Bhushan)

Dr. G. V. Patil
HOD

30/11/23

Dr. J.W. Bakal
Principal

**MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI
DEPARTMENT OF MECHANICAL ENGINEERING**

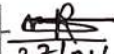
FEA


Lab Auditor Report Summary AY 2022-23


Sr. No	LAB Audit Checklist	Auditor Remark
1	Lab Time table	Available .
2	DSR (Equipment & Tools verification)	Updated till date.
3	Purchase file	Available & Updated
4	Maintenance record	Updated till 2021.
5	Safety board	Available
6	Lab utilization sheet	Available .
7	Lab manual	Available
8	Instrument functionality	Equipment test run conducted on 20/01/2023
9	Missing item	- No -
10	Write-off (if Any item/ equipment)	- No -

Overall remark by Auditor	Overall performance is good,
	CAD cam & FEA Lab should be separated.
	Cupboard is required.

Name of Auditor & Sign with date

1	Rahul Warghane	
2	Dr. M.D. Nedar	27/01/2023
3		


27/01/23
Lab Incharge
(Ashu in Nedar)


Dr. G. V. Patil
HOD 30/1/23


Dr. J.W. Bakal
Principal

Mahatma Education Society's
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY, RASAYANI

REF: PHCET/AR/016(a)/2022-23

July 11, 2022

Constitution of Anti Ragging Committee

The Anti-ragging committee has been constituted for the academic year 2022-23 consisting of the following staff to prevent ragging in the institute.

- a) "Maharashtra Prohibition of Ragging Act, 1999" from Govt. of Maharashtra.
- b) All India Council for Technical Education (Prevention and prohibition of Ragging in Technical Institution, Universities including Deemed Universities imparting Technical Education.) Regulations 2009.
- c) "UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009"
- d) UOM circular No: SW/17/of 2021 dated 10/11/2021

1. Dr. J.W. Bakal	Principal, Chairperson
2. Dr. M.D. Nadar	Member
3. Mr. R.D More	Member
4. Mr. Raju Narwade	Member
5. Ms. Neha Shivhare	Member
6. Ms. Ekta Ukey	Member
7. Dr. Avinash Gatade	Member
8. Dr. Divya Chirayil	Member
9. Ms. Bhagyesh Wavekar	Member, Male Students Representative
10. Ms. Aditya Dhangar	Member, Female Students Representative
11. Mr. Mokal Dhanashri	Member, Female Students Representative
12. Mr. Vedant Tare	Member, Male Students Representative
13. Mr. Suhas Uthale	Member Secretary

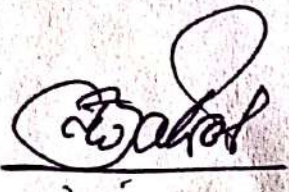
The Committee is responsible to give extensive publicity against ragging, monitor and oversee the performance of the Anti-ragging squad, soliciting of affidavits from



parents/guardians and from students, conduct counseling sessions for senior students in the classes and for freshers at the time of admission and induction etc.

The online undertaking regarding not to involve in ragging from all the students and their parents of the new comers as well as existing students are required to be collected by the class co-ordinators.

If any amendment is required to be carried in the roles and responsibilities of this committee, will be carried out by the Principal with the concurrence of members of the present committee.



Dr. J.W. Bakal

Principal

Mahatma Education Society's
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY, RASAYANI

REF: PHCET/AR/016(b)/2022-23

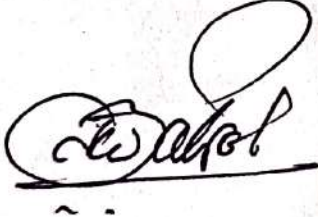
July 11, 2022

Constitution of Anti Ragging Squad

The following anti ragging squad has been constituted for academic year 2022-23.

- | | |
|-------------------------|--------|
| 1. Ms. Rohini Bhosale | Member |
| 2. Mr. Upendra Patil | Member |
| 3. Mr. Satish U | Member |
| 4. Mr. Karthik Nagrajan | Member |
| 5. Mr. Rakesh Thakur | Member |

The anti-ragging squad is for maintain vigil, oversight, and patrolling functions, conducting raids at vulnerable places and other anti-ragging measures as per the directions of the anti-ragging committee.



Dr. J.W. Bakal

Principal

July 12, 2022

NOTICE

All students (Boys & Girls) are hereby informed that as per the directives received from various statutory bodies our college has constituted Anti Ragging Committee and Anti Ragging Squad of our institute. The following are the members of Anti Ragging Committee:

1. Dr. J.W. Bakal	Principal, Chairperson
2. Dr. M.D. Nadar	Member
3. Mr. R.D More	Member
4. Mr. Raju Narwade	Member
5. Ms. Neha Shivhare	Member
6. Ms. Ekta Ukey	Member
7. Dr. Avinash Gatade	Member
8. Dr. Divya Chirayil	Member
9. Ms. Bhagyesh Wavekar	Member, Male Students Representative
10. Ms. Aditya Dhangar	Member, Female Students Representative
11. Mr. Mokal Dhanashri	Member, Female Students Representative
12. Mr. Vedant Tare	Member, Male Students Representative
13. Mr. Suhas Uthale	Member Secretary

The above committee has been constituted to take preventive measures for curbing the menace of ragging.

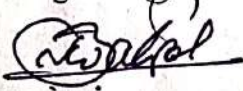
All students are hereby informed that if they are facing any discrimination physically or online they should report to any of the above committee or squad members immediately so as to enable the committee to take immediate action against the accused person in accordance with the directives issued by the various authorities.

Further all the students are hereby informed that ragging is a criminal offense and the victims can approach to the local police station and lodge criminal complaint against the accused students, if their grievances are not addressed properly at institute level. The accused person will have to be dealt by the prevailing criminal law and will be held responsible for all the consequences.

Nodal Officer of Anti Ragging Committee : Dr. Avinash Gatade

Mobile No : 9209572286

Email ID : agatade@mes.ac.in



Dr. J.W. Bakal
Principal

Mahatma Education Society's
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY, RASAYANI

July 26, 2022

NOTICE

All the members of the Anti-ragging Committee are hereby informed to attend a meeting which will be held on July 30, 2022 at 2.00 p.m. in the Principal's Conference Room on the following agenda.

1. To confirm the minutes of previous meeting held on Jan 22, 2022.
2. To discuss the Anti Ragging measures for the new academic year 2022-23
3. To discuss any new subject with permission of chairperson.

All the members are requested to attend the meeting positively.



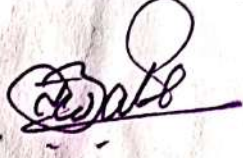


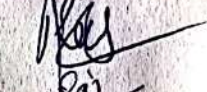




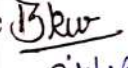
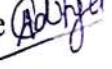


(Mr. Suhas Uthale)

Member Secretary

July 30, 2022

MINUTES

A meeting of the Anti-ragging committee was conducted in Principal's Conference Room on July 30, 2022 at 2.00 p.m. The following members were present for the meeting.

- | | | |
|-------------------------|--|---|
| 1. Dr. J.W. Bakal | Principal, Chairperson |  |
| 2. Dr. M.D. Nadar | Member |  |
| 3. Mr. R.D More | Member |  |
| 4. Mr. Raju Narwade | Member |  |
| 5. Ms. Neha Shivhare | Member |  |
| 6. Ms. Ekta Ukey | Member |  |
| 7. Dr. Avinash Gatade | Member |  |
| 8. Dr. Divya Chirayil | Member |  |
| 9. Ms. Bhagyesh Wavekar | Member, Male Students Representative |  |
| 10. Ms. Aditya Dhangar | Member, Female Students Representative |  |
| 11. Mr. Mokal Dhanashri | Member, Female Students Representative | |
| 12. Mr. Vedant Tare | Member, Male Students Representative |  |
| 13. Mr. Suhas Uthale | Member Secretary |  |

Dr. J.W. Bakal was in the Chair. He welcomed all the members present.

Member Secretary Mr. Suhas Uthale read the minutes of the previous meeting held on Jan22, 2022. The minutes were found to be in order, the same were confirmed and signed by the Chairman.

All the members of the committee discussed the matter at length regarding the directions given by the various statutory authorities like AICTE, UGC, University of Mumbai, Govt of Maharashtra, Director of Technical Education, Mumbai for taking the preventive measures for curbing the menace of ragging.

Dr. Avinash Gatade, Nodal officer informed the committee

orientation program for all the first year and direct second year students and informed all of them regarding the existing anti ragging laws and asked them to submit the online anti ragging affidavit to the class coordinator.

The student representatives informed the committee that there were no case of ragging come to their notice.

The committee observed that all the members of the Anti-ragging squad is keenly watching the interactions between junior and senior students and appreciated their efforts.

Ms. Neha Shivhare requested committee to inform all the HOD's to get the online anti ragging affidavit filled by all the students and their parents.

Mr. Suhas Uthale, Member Secretary of the committee has informed that the committee has not received any complaints from any student or parent during this academic year.



Dr. J.W. Bakal
Principal



Mr. Suhas Uthale
Member Secretary

Mahatma Education Society's
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY, RASAYANI

Jan 12, 2023

NOTICE

All the members of the Anti-ragging Committee are hereby informed to attend a meeting which will be held on Jan 16, 2022 at 3.00 p.m. in the Principal's Conference Room on the following agenda.

1. To confirm the minutes of previous meeting held on July 30, 2022.
2. To discuss the Anti Ragging measures for the new semester of academic year 2022-23
3. To discuss any new subject with permission of chairperson.

All the members are requested to attend the meeting positively.




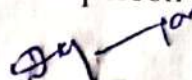

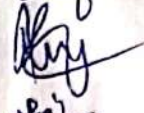


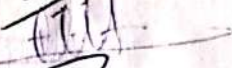
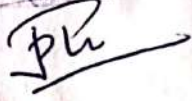
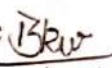
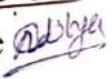


(Mr. Suhas Uthale)

Member Secretary

Jan 16, 2023

MINUTES

A meeting of the Anti-ragging committee was conducted in Principal's Conference Room on Jan 16, 2023 at 3.00 p.m. The following members were present for the meeting.

- | | | |
|-------------------------|--|---|
| 1. Dr. J.W. Bakal | Principal, Chairperson |  |
| 2. Dr. M.D. Nadar | Member |  |
| 3. Mr. R.D More | Member |  |
| 4. Mr. Raju Narwade | Member |  |
| 5. Ms. Neha Shivhare | Member |  |
| 6. Ms. Ekta Ukey | Member |  |
| 7. Dr. Avinash Gatade | Member |  |
| 8. Dr. Divya Chirayil | Member |  |
| 9. Ms. Bhagyesh Wavekar | Member, Male Students Representative |  |
| 10. Ms. Aditya Dhangar | Member, Female Students Representative |  |
| 11. Mr. Mokal Dhanashri | Member, Female Students Representative | |
| 12. Mr. Vedant Tare | Member, Male Students Representative |  |
| 13. Mr. Suhas Uthale | Member Secretary |  |

Dr. J.W. Bakal was in the Chair. He welcomed all the members present.

Member Secretary Mr. Suhas Uthale read the minutes of the previous meeting held on July 30, 2022. The minutes were found to be in order, the same were confirmed and signed by the Chairman.

All the members of the committee discussed the matter at length regarding the directions given by the various statutory authorities like AICTE, UGC, University of Mumbai, Govt of Maharashtra, Director of Technical Education, Mumbai for taking the preventive measures for curbing the menace of ragging.

Dr. Avinash Gatade, Nodal officer told that he informed the students regarding the

existing anti ragging laws and asked them to submit the online anti ragging affidavit to the class coordinator.

The student representatives informed the committee that there were no case of ragging come to their notice.

The committee observed that all the members of the Anti-ragging squad is keenly watching the interactions between junior and senior students and appreciated their efforts.

Mr. Suhas Uthale, Member Secretary of the committee has informed that the committee has not received any complaints from any student or parent during this academic year.

The meeting ended with a vote of thanks to the chair.



Dr. J.W. Bakal

Principal



Mr. Suhas Uthale

Member Secretary

**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani**

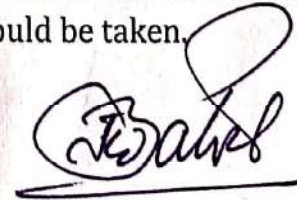
Date: July 1, 2022

Reconstitution of Internal Complaints Committee

It is been decided by the competent authority to exclude Ms. Shivani Gotavade - U.G Student Member and Ms. Akanksha Patil - P.G Student Member from the committee as there are passed out from the college. The revised constitution of the committee is as under:

Sr. No.	Name	Designation
1	Dr. Shilpa Kewate	Chairperson
2	Dr. Divya Y. Chirayil	Member
3	Mr. Asokan Selvaraj	Member
4	Ms. Manisha Jamgade	Ph.D. Scholar
5	Ms. Sheetal Butle	Non-Teaching Staff Member
6	Ms. Ramsha Beg	U.G Student Member
7	Ms. Shubhangi Kundekar	Class IV Women Employee Representative
8	Ms. Celina Joy	NGO Member
9	Ms. Rohini Bhosale	Member Secretary

The Complaints Committee will be responsible for the redressal of complaints made by employees and students to ensure time-bound treatment of the complaints as provided in the Act. If any complaint of sexual harassment comes to the notice of the committee, immediate disciplinary action accordance with the Law should be taken.



Principal

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani

Notice

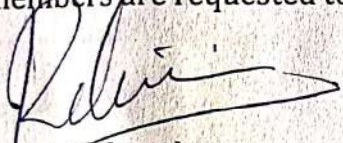
Date: July 4, 2022

All are hereby informed that the meeting of the Internal Complaints Committee (ICC) is scheduled on July 9, 2022 at 12.00 pm in Principal office to discuss the following agenda.

Agenda:

1. Welcome new members of Internal Complain Committee
2. To confirm the minutes of the previous meeting held on Feb 13, 2021
3. Discuss role and responsibilities of the ICC committee
4. Take review of the AY 2021-22 complains if any
5. Any other matter with the permission of the Chair

All members are requested to attend the meeting.


Ms. Rohini Bhosale
Member Secretary

CC.


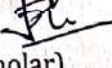

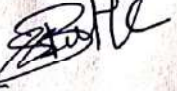
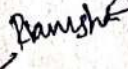

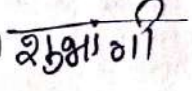

1. Dr. Shilpa Kewate (Chairperson)
2. Dr. Divya Y. Chirayil (Member)
3. Mr. Asokan Selvaraj (Member)
4. Ms. Manisha Jamgade (Ph.D. Scholar)
5. Ms. Sheetal Butle (Non-Teaching Staff Member)
6. Ms. Ramsha Beg (U.G Student Member)
7. Ms. Shubhangi Kundekar (Class IV Women Employee Representative)
8. Ms. Celina Joy(NGO Member)

**Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Rasayani**

Date: July 16, 2022

MINUTES

The meeting of the Internal Complaints Committee of PHCET was held on July 9, 2022 at principal office. Following agenda was discussed. Following members were present:

1. Dr. Shilpa Kewate (Chairperson) 
2. Dr. Divya Y. Chirayil (Member) 
3. Ms. Manisha Jamgade (Ph.D. Scholar) 
4. Ms. Sheetal Butle (Non-Teaching Staff Member) 
5. Ms. Reshma Bag (U.G Student Member) 
6. Mr. Asokan Selvaraj (Member) 
7. Ms. Shubhangi Kundekar (Class IV Women Employee Representative) 
8. Ms. Rohini Bhosale (Member Secretary) 

The following Agenda Items were discussed in the meeting:

Agenda: 1

Welcome new members of Internal Complain Committee

Discussion:

Dr. Shilpa Kewate chairperson welcomed all the members for the meeting. Ms. Rohini Bhosale introduced new members to the committee.

Agenda 2:

To confirm the minutes of the previous meeting held on Feb 13, 2021

Discussion:

Ms. Rohini Bhosale read the minutes of the Meeting held on Feb 13, 202. All the members passed it with no objection and approved by chair.

Resolution:

The minutes of the previous meeting was passed it with no objection and approved by chair.



Agenda :3

Discuss role and responsibilities of the ICC committee

Discussion:

Dr. Divya Y. Chirayil explained the role and the responsibilities of the ICC to new committee members.

Agenda :4

Take review of the AY 2021-22 complains if any

Discussion:

Ms. Rohini Bhosale Secretary informed to committee that in AY 2021-22 no complained is received. All members showed satisfaction on it.

Agenda item No.: 5

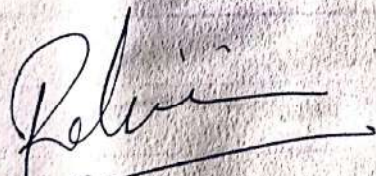
Any other matter with the permission of the Chair

Discussion:

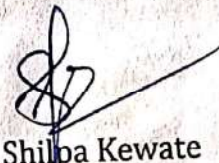
There was no other matter brought on the table

The Committee expressed its satisfaction and appreciation for the efforts of PHCET to bring gender equality in workplace and the academia.

The meeting ended with a vote of thanks to the Chairperson.



Ms. Rohini Bhosale
Member Secretary



Dr. Shilpa Kewate
Chairperson

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani

Notice

Date: Feb 11, 2023

All are hereby informed that the meeting of the Internal Complaints Committee (ICC) is scheduled on Feb 18, 2023 at 12.00 pm in Principal office to discuss the following agenda.

Agenda:

Agenda:

1. To confirm the minutes of the previous meeting held on July 9, 2022
2. Create awareness among students about gender quality
3. Any other matter with the permission of the Chair

All members are requested to attend the meeting.



Ms. Rohini Bhosale
Member Secretary

CC.







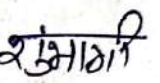
1. Dr. Shilpa Kewate (Chairperson)
2. Dr. Divya Y. Chirayil (Member)
3. Mr. Asokan Selvaraj (Member)
4. Ms. Manisha Jamgade (Ph.D. Scholar)
5. Ms. Sheetal Butle (Non-Teaching Staff Member)
6. Ms. Ramsha Beg (U.G Student Member)
7. Ms. Shubhangi Kundekar (Class IV Women Employee Representative)
8. Ms. Celina Joy(NGO Member)

Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Rasayani

Date: Feb 11, 2023

MINUTES

The meeting of the Internal Complaints Committee of PHCET was held on Feb 18, 2023 at 12.00 pm in principal office and discussed the following agenda and the following members were present:

1. Dr. Shilpa Kewate (Chairperson) 
2. Dr. Divya Y. Chirayil (Member) 
3. Mr. Asokan Selvaraj (Member) 
4. Ms. Manisha Jamgade (Ph.D. Scholar) 
5. Ms. Sheetal Butle (Non-Teaching Staff Member) 
6. Ms. Ramsha Beg (U.G Student Member) 
7. Ms. Shubhangi Kundekar (Class IV Women Employee Representative) 

Following member was not present for the meeting with permission of chairperson

1. Ms. Celina Joy(NGO Member)

The following Agenda Items were discussed in the meeting:

Agenda item No.: 1

To confirm the minutes of the previous meeting held on July 9, 2022

Resolution:

The minutes of the previous meeting was read and passed it with no objection and approved by chair.

Agenda item No.: 2

Create awareness among students and staff about gender quality

Discussion:

Dr. Divya Y. Chirayil proposed to create awareness among students and staff about gender quality by sharing document about it. Publish the details of the ICC committee on the website

Resolution:

All the member agree on it.

Agenda item No.: 3

Any other matter with the permission of the Chair

Discussion:

There was no other matter brought on the table and the Secretary informed that there were no cases of harassment reported.

The meeting ended with a vote of thanks by the Chairperson.



Ms. Rohini Bhosale
Member Secretary



Dr. Shilpa Kewate
Chairperson

**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani**

July 1, 2022

RECONSTITUTION OF GRIEVANCE REDRESSAL COMMITTEE

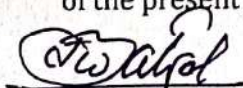
In pursuance of AICTE regulations dated November 19, 2019 for 'Establishment of Mechanism for Grievance Redressal Regulation 2012 dated May 25, 2012' the following Grievance Redressal Committee (College Grievance Redressal Cell (CGRC) as per UoM directives and Student Grievance Redressal Committee (SGRC) as per AICTE directives) has been reconstituted in PHCET to address the Grievance of various stakeholders of PHCET from time to time.

The Members of the Committee are the following:

- | | |
|----------------------------|------------------------|
| 1. Dr. J. W. Bakal | Chairperson |
| 2. Dr. Manvendra Vashistha | Member |
| 3. Dr. Mansi Subhedar | Member |
| 4. Ms. Pranita Chavan | Member |
| 5. Ms. Rohini Bhosale | Secretary |
| 6. Ms. Anurag Patil | Student Representative |

Responsibilities:

1. A meeting of the committee shall be scheduled immediately after receiving a grievance in writing from students, if there is no any complaint then meeting is scheduled once in every academic year.
2. The committee shall maintain a register and record of all the grievances received from any aggrieved students.
3. The member secretary shall communicate the minutes and action taken report of each meeting for the information to the director, students Development.
4. The committee shall issue its decision and action taken in accordance with the rules and regulations framed by the statutory bodies from time to time i.e. UGC, AICTE, Higher and Technical Education department, Govt of Maharashtra, University of Mumbai, etc.
5. If any change is required to be carried out in the role and responsibilities of the committee will be carried out by the Principal with the concurrence of members of the present committee.



Dr. J. W. Bakal

(Principal)

**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani**

July 24, 2022

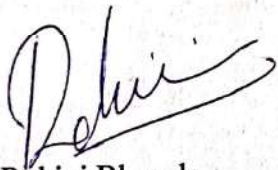
NOTICE

All the members of the Student Grievance Redressal Committee (SGRC) are hereby informed that a meeting of the committee scheduled on July 30, 2022 at 2.00 pm in Principal office to discuss the following agenda.

Agenda:

1. To read and confirm minutes of meeting held on Feb 3, 2022
2. Review of the SGRC work in AY 2021-22
3. Discuss about any grievance received
4. Any other matter with the permission of the chairperson

All the members are requested to attend the same.



Ms. Rohini Bhosale
(Secretary)

**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani**

Feb 20, 2023

NOTICE

All the members of the Student Grievance Redressal Committee (SGRC) are hereby informed that a meeting of the committee scheduled on Feb 24, 2023 at 11.00 am in Principal office to discuss the following agenda.

Agenda:

1. To confirm minutes of meeting held on July 30, 2022
2. Discuss about any grievance received
3. Any other matter with the permission of the chairperson

All the members are requested to attend the same.



Ms. Rohini Bhosale
(Secretary)

Date: 28/04/2023

CERTIFICATE

ELECTRICAL SAFETY AUDIT

This is to certify that a detailed **Electrical Safety Audit** for **Mahatma Education Society's Pillai HOC College of Engineering & Technology, Rasayani** has been conducted for the year 2022-23 to assess Emergency control procedures, Grounding & earthing, Diesel generator and its availability, Lightning protection system, Emergency power distribution system.

The activities and measures carried out by the institute have been verified and found to be satisfactory. The efforts taken by the institute, faculty and students are highly commendable.

Mr. Umesh Waghela
RB Energy Consultancy
Certified Energy auditor (BEE), EA-7559 Certificate, 4541
Mobile: 09370777100/8080911944
www.electricalenergyaudit.in / info@electricalenergyaudit.in



Date: 02/05/2023

CERTIFICATE

GREEN AUDIT

This is to certify that a detailed **Green Audit** for **Mahatma Education Society's Pillai HOC College of Engineering & Technology, Rasayani** has been conducted for the year 2022-23 to assess the green initiative planning, efforts, activities implemented in the campus like Rainwater harvesting, Solar energy Usage, Swach Bharat Abhiyaan, wastewater management, recycle of waste etc.

The activities and measures carried out by the institute have been verified and found to be satisfactory. The efforts taken by the institute, faculty and students are highly commendable.

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www.electricalenergyaudit.in / info@electricalenergyaudit.in



Date: 28/04/2023

CERTIFICATE

ENERGY AUDIT

This is to certify that a detailed **Energy Audit** for **Mahatma Education Society's Pillai HOC College of Engineering & Technology, Rasayani** has been conducted for the year 2022-23 to assess energy cost, availability and reliability of supply of energy, energy conservation technologies, and ways to reduce energy consumption

The activities and measures carried out by the institute have been verified and found to be satisfactory. The efforts taken by the institute, faculty and students are highly commendable.

Mr. Umesh Waghela
RB Energy Consultancy

Certified Energy auditor (BEE), EA-7559 Certificate, 4541

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