



1.1.1 The Institution ensures effective curriculum delivery through a well-planned and documented process

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Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

AFFILIATED INSTITUTIONS

REGULATIONS 2021

CHOICE BASED CREDIT SYSTEM

Common to all B. E. / B. Tech. Full-Time Programmes

**(For the students admitted to B. E./B. Tech. Programme
at various Non-Autonomous Affiliated Institutions)**

DEGREE OF BACHELOR OF ENGINEERING / BACHELOR OF TECHNOLOGY

This Regulation is applicable to the students admitted to B.E/B.Tech. Programmes at all Engineering Colleges affiliated to Anna University, Chennai (other than Autonomous Colleges) and to all the University Colleges of Engineering of Anna University, Chennai from the academic year 2021-2022 onwards.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- I) "**Programme**" means Degree Programme, that is B.E./B.Tech. Degree Programme.
- II) "**Discipline**" means specialization or branch of B.E./B.Tech. Degree Programme, like Civil Engineering, Textile Technology, etc.
- III) "**Course**" means a theory or practical subject that is normally studied in a semester, like Mathematics, Physics, etc.
- IV) "**Director, Centre for Academic Courses**" means the authority of the University who is responsible for all academic activities of the Academic Programmes for implementation of relevant rules of this Regulations pertaining to the Academic Programmes.
- V) "**Chairperson**" means the Head of the Faculty.
- VI) "**Head of the Institution**" means the Principal of the College.
- VII) "**Head of the Department (HOD)**" means the Head of the Department concerned.
- VIII) "**Controller of Examinations (COE)**" means the authority of the University who is responsible for all activities of the University Examinations.
- IX) "**University**" means ANNA UNIVERSITY, CHENNAI.



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No. 34, Rajiv Gandhi Road, (OMR) SIPCOT - IT Park,
Siruseri, Chennai - 603 103.

2. ADMISSION

2.1 Candidates seeking admission to the first semester of the eight semesters B.E./ B.Tech. Degree Programme:

Should have passed the Higher Secondary Examinations of (10+2) Curriculum (Academic Stream) prescribed by the Government of Tamil Nadu with Mathematics, Physics and Chemistry as three of the four subjects of study under Part-III or any examination of any other University or authority accepted by the Syndicate of Anna University as equivalent thereto.

(OR)

Should have passed the Higher Secondary Examination of Vocational stream (Vocational groups in Engineering / Technology) as prescribed by the Government of Tamil Nadu.

2.2 Lateral entry admission

- (i) The candidates who possess the Diploma in Engineering / Technology awarded by the State Board of Technical Education, Tamil Nadu or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech., as per the rules fixed by Government of Tamil Nadu.

(OR)

- (ii) The candidates who possess the Degree in Science (B.Sc.) (10+2+3 stream) with Mathematics as a subject at the B.Sc. Level are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech.

Such candidates shall undergo two additional Engineering subject(s) in the **third and fourth semesters** as prescribed by the University.

3. PROGRAMMES OFFERED

B.E. / B.Tech. Programmes under the Faculty of Civil Engineering, Faculty of Mechanical Engineering, Faculty of Electrical Engineering, Faculty of Information and Communication Engineering and Faculty of Technology.

4. STRUCTURE OF PROGRAMMES

4.1 Categorization of Courses

Every B.E. / B. Tech. Programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows:

- i. **Humanities, Social Sciences and Management Courses (HSMC)** include Professional English, Communication skills etc.
- ii. **Basic Sciences Courses (BSC)** include Mathematics, Physics, Chemistry, Biology, Environmental Science etc.
- iii. **Engineering Sciences Courses (ESC)** include Engineering Practices, Engineering Graphics, Basics of Civil / Mechanical / Electrical / Electronics / Instrumentation, Computer Engineering, etc.
- iv. **Professional Core Courses (PCC)** include the core courses relevant to the chosen specialization/branch.

- v. **Professional Elective Courses (PEC)** include the elective courses relevant to the chosen specialization/ branch.
- vi. **Open Elective Courses (OEC)** include the courses offered by a branch to other branches, from the list specified in the respective curriculum of the B.E. / B. Tech. / B. Arch. Programmes.
- vii. **Employability Enhancement Courses (EEC)** include Project Work, Internship, Seminar, Professional Practices, Case Study and Industrial/Practical Training etc.
- viii. **Audit courses (AC)** include the courses such as Constitution of India, Sangam literature etc.

4.2 Personality and Character Development

All students shall enroll, on admission, in any one of the personality and character development programmes NCC/NSS/NSO/YRC and undergo training / conduct activities for about 80 hours and attend a camp of about seven days. The training shall include classes on hygiene and health awareness and also training in first-aid. Alternately, activities of science, literature and arts also help for personality and character development. So, students shall conduct and participate actively in Science club/Literary Forum/Fine Arts activities for 80 hours and participate in at least ONE event.

National Cadet Corps (NCC) will have about 20 parades.

National Service Scheme (NSS) will have social service activities in and around the College / Institution.

National Sports Organization (NSO) will have Sports, Games, Drills and Physical exercises.

Youth Red Cross (YRC) will have activities related to social services in and around College/Institution.

While the training activities will normally be during weekends, the camp will normally be during vacation period.

Science club shall organise activities of popularisation of science and scientific temper through activities related to astronomy, works of great scientists from India and abroad, observing National Science Day, etc.

Literary Club like 'Tamil Ilakkiya Mandram' shall be formed, which shall organise colourful literary events to propagate good humanist values, morals and ethics reflected in the literature.

Fine Arts Club like music, painting and documentary films with social themes shall be encouraged.

Students who enroll and take active participation in anyone of the above activities for 80 hours and participate at least one event/programme will be given a certificate by the Head of the Institution and the copy of the same shall be forwarded to the Controller of Examinations for the purpose of record and scrutiny.

No fee shall be charged for all these activities.

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 Siruseri, Chennai - 603 103.

4.3 Number of courses per semester

Each semester curriculum shall normally have a blend of lecture courses not exceeding 7 Theory courses and Laboratory integrated theory courses and 4 Employability Enhancement Course(s) and Laboratory Courses. However, the total number of courses per semester shall not exceed 10. Each Course shall have credits assigned as per clause 4.4.

4.4 Credit Assignment

Each course is assigned certain number of credits based on the following:

Contact period per week	CREDITS
1 Lecture Period	1
1 Tutorial Period	1
1 Laboratory Period (also for EEC courses like Seminar / Project Work /Case study / etc.)	0.5

4.5. Industrial Training/ Internship

4.5.1 The students may undergo Industrial training for a period as specified in the Curriculum during the summer / winter vacation. In this case, the training has to be undergone continuously for a period of at least two weeks in an organization.

The students may undergo Internship at a Research organization / University/ Industry (after due approval from the Head of the Institution) for the period prescribed in the curriculum during the summer / winter vacation, in lieu of Industrial training. Attendance Certificate mentioning the period of Industrial Training / Internship and signed by the competent authority of the industry, as per the format provided by the Centre for Academic Courses shall be submitted to the Head of the Institution. The attendance certificate shall be forwarded to the COE, Anna University by the Head of the Institution for processing results.

4.5.2 If Industrial Training/ Internship is not prescribed in the curriculum, the student may undergo Industrial Training/ Internship optionally and the credits earned will be indicated in the Grade Sheet. If the student earns three credits in Industrial Training/ Internship, the student may drop one Professional Elective (only one professional elective can be dropped). In such cases, Industrial Training / Internship need to be undergone continuously from one organization or with a combination one two week and one four week from one/two organizations. However, if the number of credits earned is 1 or 2, then these credits shall not be considered for classification of the degree. Students shall get permission from the Head of the Institution for taking Industrial Training/Internship and the Certificate of completion of Industrial Training / Internship shall be forwarded to the COE.

DURATION OF TRAINING/INTERNSHIP	CREDITS
2 Weeks*	1
4 Weeks	2
6 Weeks	3

*1 Week = 40 Internship Hours


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4.6 Industrial Visit

Every student is required to go for at least one Industrial Visit every semester starting from the second year of the Programme. The Heads of Departments shall ensure that necessary arrangements are made in this regard.

4.7 Value Added Courses

The students may optionally undergo Value Added Courses (VAC) over and above the topics covered in the curriculum to obtain practical and industry specific knowledge. The credits earned through the Value Added Courses shall be over and above the total credit requirements prescribed in the curriculum for the award of the degree. **One / Two credit courses shall be offered by a Department of an institution with the prior approval from the Head of the Institution and the Centre for Academic courses without any additional fee charged from the students.** The details of the syllabus, time table and course coordinator may be sent to the Centre for Academic Courses at least one month before the course is offered for approval. **Students can take a maximum of two one credit courses / one two credit course** during the entire duration of the Programme.

4.8 Online Courses

Students may be permitted to credit a maximum of two online courses, subject to a maximum of six credits, with the approval of the **Head of the Institution and the Centre for Academic Courses, in lieu of open elective / professional elective courses.** The Head of the Institution shall form a three member committee with members as HOD and a faculty member from the Department of the student, HOD of any other branch of the Institution to ensure that the student has not studied such courses and would not repeat it again as **Professional Core/Professional Elective/Open Elective courses.** Suitable online courses shall be chosen from the SWAYAM platform.

4.9 Audit courses

The student may optionally study audit courses prescribed by the University and it will be mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.

4.10 Advancement of Courses:

The students who completed their final semester courses (except project work) in advance, shall be permitted to carry out their final semester Project Work for six months in an industry/research organization.

These students shall undergo the eighth semester courses other than the Project Work in the sixth and seventh semesters, provided they do not have current arrears and have a CGPA of 7.50 and above at the end of Semester IV. The Head of Department, in consultation with the faculty handling the said courses shall forward the proposal recommended by the Head of Institution to the Controller of Examinations through the Director, Centre for Academic Courses for approval at least 4 weeks before the commencement of the sixth semester of the programme for approval.



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4.11 Medium of Instruction

The medium of instruction is English for all courses, examinations, Seminar presentations and Project Work reports except for the programmes offered in Tamil Medium.

5. DURATION OF THE PROGRAMME

- 5.1 A student is ordinarily expected to complete the B.E. / B.Tech. Programme in 8 semesters (for HSC students) and six semesters (for Lateral Entry students) but in any case not more than 14 Semesters for HSC (or equivalent) students and not more than 12 semesters for Lateral Entry students.
- 5.1.1 A student is ordinarily expected to complete the B.E. Mechanical Engineering (Sandwich) Programme in 10 semesters (five academic years) but in any case not more than 18 Semesters for HSC (or equivalent) students.
- 5.2 Each semester shall normally consist of 75 working days or 540 periods of 50 minutes each. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.
- 5.3 The Head of the Institution may conduct additional classes for improvement, special coaching, conduct of model test etc., over and above the specified periods. But for the purpose of calculation of attendance requirement for writing the end semester examinations (as per clause 6) by the students, following method shall be used.

$$\text{Percentage of Attendance} = \frac{\text{Total no. of periods attended in all the courses per semester}}{(\text{No. of periods / week as prescribed in the curriculum}) \times 15} \times 100$$

taken together for all courses of the semester

The University Examination will normally follow immediately after the last working day of the semester as per the academic schedule prescribed from time to time.

- 5.4 The total period for completion of the programme reckoned from the commencement of the first semester to which the student was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study (vide clause 18) in order that he/she may be eligible for the award of the degree (vide clause 16).

6. COURSE REGISTRATION

- 6.1 The institution is responsible for registering the courses that each student is proposing to undergo in the ensuing semester. Each student has to register for all courses to be undergone in the curriculum of a particular semester (with the facility to drop courses to a maximum of 6 credits (vide clause 6.2)). The courses dropped in earlier semesters can be registered in the subsequent semesters when offered.

The registration details of the student shall be approved by the Head of the Institution and forwarded to the Controller of Examinations. This registration is for undergoing the course as well as for writing the End Semester Examinations.

The courses that a student registers in a particular semester may include

- i. Courses of the current semester.
- ii. Courses dropped in the lower semesters and
- iii. Courses advanced to Semester VI and VII from Semester VIII (as per clause 4.10).

The maximum number of credits that can be registered in a semester is 36. However, this does not include the number of Re-appearance (RA) and Withdrawal (W) courses registered by the student for the appearance of Examination.

6.2 Flexibility to Drop courses

- 6.2.1 A student has to earn the total number of credits specified in the curriculum of the respective Programme of study in order to be eligible to obtain the degree.
- 6.2.2 From the second to final semesters, the student has the option of dropping existing courses in a semester during registration. Total number of credits of such courses shall not exceed 6 per semester. The student is permitted to drop the course(s) within 30 days of the commencement of the academic schedule.

7. ATTENDANCE REQUIREMENTS FOR COMPLETION OF THE SEMESTER

- 7.1 A student who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester.

Ideally every student is expected to attend all classes of all the courses and secure 100% attendance. However, in order to give provision for certain unavoidable reasons such as medical / participation in sports, the student is expected to attend at least 75% of the classes.

Therefore, he/she shall **secure not less than 75%** (after rounding off to the nearest integer) of overall attendance as calculated as per clause 5.3.

- 7.2 However, a student who secures overall attendance between 65% and 74% in the current semester due to medical reasons (prolonged hospitalization / accident / specific illness) / participation in sports events may be permitted to appear for the current semester examinations, subject to the condition that the student shall submit the medical certificate / sports participation certificate attested by the Head of the Institution. The same shall be forwarded to the Controller of Examinations for record purposes.
- 7.3 Students who **secure less than 65% overall attendance** shall not be permitted to write the University examination at the end of the semester and not permitted to move to the next semester. They are required to repeat the incomplete semester in the next academic year, as per the norms prescribed.

8. CLASS ADVISOR

There shall be a class advisor for each class. The class advisor will be one among the course-instructors of the class. He / She will be appointed by the HOD of the department concerned. The class advisor is the ex-officio member and the Convener of the class committee. The responsibilities for the class advisor shall be:

- To act as the channel of communication between the HOD and the students of the respective class.
- To collect and maintain various statistical details of students.
- To help the chairperson of the class committee in planning and conduct of the class committee meetings.

- To monitor the academic performance of the students including attendance and to inform the class committee.
- To attend to the students' welfare activities like awards, medals, scholarships and industrial visits.

9. CLASS COMMITTEE

- 9.1. Every class shall have a class committee consisting of teachers of the class concerned, student representatives and a chairperson, who is not teaching the class. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teaching-learning process. The functions of the class committee include:
- Solving problems experienced by students in the class room and in the laboratories.
 - Clarifying the regulations of the degree programme and the details of rules therein particularly (clause 5 and 7).
 - Informing the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
 - Informing the student representatives the details of Regulations regarding weightage used for each assessment. In the case of practical courses (laboratory / drawing / project work / seminar etc.) the breakup of marks for each experiment / exercise / module of work, should be clearly discussed in the class committee meeting and informed to the students.
 - Analyzing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.
 - Identifying the slow-learners, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such students.
- 9.2 The class committee for a class under a particular branch is normally constituted by the Head of the Department. However, if the students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Head of the Institution.
- 9.3 The class committee shall be constituted within the first week of each semester.
- 9.4 At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee, covering all the elective courses.
- 9.5 The chairperson of the class committee may invite the class adviser(s) and the Head of the Department to the class committee meeting.
- 9.6 The Head of the Institution may participate in any class committee meeting of the institution.
- 9.7 The chairperson is required to prepare the minutes of every meeting, submit the same to the Head of the Institution within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the Management by the Head of the Institution.
- 9.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held in a semester at suitable intervals. **The Class**



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Committee Chairperson shall display the cumulative attendance particulars of each student on the Notice Board at the end of every such meeting to enable the students to know their attendance details to satisfy the clause 6 of this Regulation. During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process.

10. COURSE COMMITTEE FOR COMMON COURSES

Each common theory course offered to more than one discipline or group, shall have a "Course Committee" comprising all the teachers teaching the common course with one of them nominated as the course coordinator. The nomination of the course coordinator shall be made by the Head of the Department / Head of the Institution depending upon whether all the teachers teaching the common course belong to a single department or to several departments. The 'Course Committee' shall meet in order to arrive at a common scheme of evaluation for the test and shall ensure a uniform evaluation of the tests. Wherever feasible, the Course Committee may also prepare a common question paper for the internal assessment test(s).

11. SYSTEM OF EXAMINATION

- 11.1 Performance in each course of study shall be evaluated based on (i) continuous internal assessment throughout the semester and (ii) University examination at the end of the semester.
- 11.2 Each course, both theory and practical (including project work & viva voce examinations) shall be evaluated for a maximum of 100 marks.
- 11.2.1 For all theory courses, the continuous internal assessment will carry **40 marks** while the End Semester University examination will carry **60 marks**.
- 11.2.2 For all theory courses with laboratory component, the continuous internal assessment will carry **50 marks** while the End Semester University examination will carry **50 marks**.
- 11.2.3 For all laboratory courses, the continuous internal assessment will carry **60 marks** while the End Semester University examination will carry **40 marks**.
- 11.2.4 The continuous internal assessment for the project work will carry **40 marks** while the End Semester University examination will carry **60 marks**.
- 11.3 Industrial Training and Seminar shall carry 100 marks and shall be evaluated through internal assessment only.
- 11.4 The University examination (theory and practical) of 3 hours duration shall ordinarily be conducted between October and December during the odd semesters and between April and June during the even semesters.
- 11.5 The University examination for Project Work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner and an internal examiner, followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner, the supervisor of the project group and an internal examiner.



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11.5 For the University examination of practical courses including Project Work, the internal and external examiners shall be appointed by the Controller of Examinations.

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12. PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

For all theory, laboratory courses, theory courses with laboratory component and project work the continuous assessment shall be awarded as per the procedure given below:

12.1 THEORY COURSES

Two assessments each carrying 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in all assessments put together out of 200, shall be proportionately reduced for 40 marks and rounded to the nearest integer (This also implies equal weightage to the two assessments).

Assessment I (100 Marks)		Assessment II (100 Marks)		Total Internal Assessment
Individual Assignment / Case Study / Seminar / Mini Project	Written Test	Individual Assignment / Case Study / Seminar / Mini Project	Written Test	
40	60	40	60	200*

*The weighted average shall be converted into 40 marks for internal Assessment.

Two internal assessments will be conducted as a part of continuous assessment. Each internal assessment is to be conducted for 100 marks and will have to be distributed in two parts viz., Individual Assignment/Case study/Seminar/Mini project and Test with each having a weightage of 40% and 60% respectively. The tests shall be in written mode. The total internal assessment marks of 200 shall be converted into a maximum of 40 marks and rounded to the nearest integer.

12.2 LABORATORY COURSES

The maximum marks for Internal Assessment shall be 60 marks in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records to be maintained. There shall be at least one test. The criteria for arriving at the Internal Assessment marks of 60 is as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be converted into a maximum of 60 marks and rounded to the nearest integer.

Internal Assessment (100 Marks)*	
Evaluation of Laboratory Observation, Record	Test
75	25

* Internal assessment marks shall be converted into 60 marks



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12.3 THEORY COURSES WITH LABORATORY COMPONENT
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If there is a theory course with laboratory component, there shall be two assessments: the first assessment (maximum mark is 100) will be similar to assessment of theory course and the second assessment (maximum mark is 100) will be similar to assessment of laboratory course respectively. The weightage of first assessment shall be 40 % and the second assessment be 60 %. **The weighted average of these two assessments shall be converted into 50 marks and rounded to the nearest integer.**

Assessment I (40% weightage) (Theory Component)		Assessment II (60% weightage) (Laboratory Component)		Total Internal Assessment
Individual Assignment / Case Study / Seminar / Mini Project	Written Test	Evaluation of Laboratory Observation, Record	Test	
40	60	75	25	200*

*The weighted average shall be converted into 50 marks for internal Assessment.

12.4 **PROJECT WORK**

The student shall register for Project Work-I in pre-final semester and Project Work-II in final semester. Project work may be allotted to a single student or to a group of students not exceeding 4 per group. Project Work-II may/may not be a continuation of Project Work-I. If Project Work II is not a continuation of Project Work I, then the topic and constitution of the project team members need not be the same.

12.4.1 Project Work shall be carried out under the supervision of a "qualified teacher" in the Department concerned. In this context "qualified teacher" means the faculty member possessing (i) PG degree or (ii) Ph.D. degree.

12.4.2 The Project Work-II carried out in industry/academic/research institutions need not be a continuation of Project Work-I. In such cases, the Project Work-II shall be jointly supervised by a supervisor of the department and an expert as a joint supervisor from the organization and the student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress. The review meetings, if necessary, may also be arranged in online mode with prior approval from the Head of the Institution and suitable record of the meetings shall be maintained.

12.4.3 The Head of the Institutions shall constitute a review committee for Project Work for each programme. The review committee consists of supervisor, an expert from the Department and a project coordinator from the Department. If the project coordinator/expert member happens to be the supervisor, then an alternate member shall be nominated. In the case of Industrial Project, the review committee shall have the supervisor, the coordinator from industry and the project coordinator from the Department.

There shall be three reviews during the semesters VII and VIII by the review committee. The student shall make presentation on the progress made by him / her before the committee. The total marks obtained in the three reviews shall be **reduced for 40 marks** and rounded to the nearest integer (as per the scheme given in 12.4.4).



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12.4.4 The project report shall carry a maximum of 20 marks. The project report shall be submitted as per the approved guidelines as given by the Director, Centre for Academic Courses. Same marks shall be awarded to every student within the project group for the project report. The viva-voce examination shall carry 40 marks. Marks are awarded to each student of the project group is based on the individual performance in the viva-voce examination.

Review I	Review II	Review III	End Semester Examinations				
			Project Report		Viva-Voce Examination		
10	15	15	Internal	External	Internal	External	Supervisor
			10	10	10	20	10

12.4.5 The last date for submission of the project report is on the last working day of the semester. If a student fails to submit the project report on or before the specified deadline or the student has submitted the project report but did not appear for the viva-voce examination, it will be considered as fail in the Project Work and the student shall re-register for the same in the subsequent semester.

12.5 OTHER EMPLOYABILITY ENHANCEMENT COURSES

- (a) The Seminar / Case Study / Mini Project course is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars per semester before the evaluation committee and for each seminar, marks can be equally apportioned. The three member committee appointed by the Head of the Institution, consisting of the course coordinator and two experts from the Department, will evaluate the seminar and at the end of the semester, the marks shall be consolidated and taken as the final mark. The evaluation shall be based on the seminar paper (40%), presentation (40%) and response to the questions asked during presentation (20%).
- (b) The Industrial / Practical Training, Summer Project, Internship, shall carry 100 marks and shall be evaluated through internal assessment only. At the end of Industrial / Practical Training / Internship / Summer Project, the student shall submit an attendance certificate from the organization where he / she has undergone training and a brief report. The evaluation will be made based on this report and a viva-voce Examination, conducted internally by a three member Departmental Committee constituted by the Head of the Institution consisting of the course coordinator and two experts from the Department. The certificates (issued by the organization) submitted by the students shall be attached to the mark list sent by the Head of the Institution to the Controller of Examinations.
- (c) For all the courses under Employability Enhancement Courses Category, except the Project Work, the evaluation shall be done with 100% internal marks and as per the procedure described in clause 12.5 (a) / (b).



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12.6 ASSESSMENT FOR VALUE ADDED COURSES

The one / two credit course shall carry 100 marks and shall be evaluated through **continuous assessments only**. Two Assessments as per the clause 12.1 or 12.2 shall be conducted by the Department concerned. The total marks obtained in the assessments shall be reduced to 100 marks and rounded to the nearest integer. A committee consisting of the Head of the Department, staff handling the course and a senior faculty member nominated by the Head of the Institution shall do the evaluation process. The list of students along with the marks and the grades earned shall be forwarded to the Controller of Examinations for appropriate action at least one month before the commencement of End Semester Examinations. The grades earned by the students for Value Added Courses will be recorded in the Grade Sheet, however the same shall not be considered for the computation of CGPA.

12.7 ASSESSMENT FOR ONLINE COURSES

Students may be permitted to credit two online courses (which are provided with certificate), subject to a maximum of six credits. **The online course of 3 credits can be considered instead of one elective course**. These online courses shall be chosen from the SWAYAM platform, provided the offering organisation conducts regular examination and provides marks. The credits earned shall be transferred and the marks earned shall be converted into grades and transferred, provided the student has passed in the examination as per the norms of the offering organisation. The details regarding online courses taken up by the student and marks/credits earned and the approval for the course from Centre for Academic Courses shall be sent to the Controller of Examinations, Anna University in the subsequent semester(s) along with the details of the elective(s) to be dropped.

12.8. **Internal marks approved by the Head of the Institution shall be displayed by the respective HODs within 5 days from the last working day.**

12.9 Attendance Record

Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD', which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topic covered), separately for each course. This should be submitted to the Head of the Department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the Department will put his/her signature and date after due verification. At the end of the semester, the record should be verified by the Head of the Institution who will keep this document in safe custody (for five years). The University or any inspection team appointed by the University may verify the records of attendance and assessment of both current and previous semesters.

12.10 Conduct of Academic Audit by every Institution

Every educational institution shall strive for a better performance of the students by conducting the internal assessments as mentioned in Clause 12.



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In order to ensure the above, Academic Audit is to be done for every course taught during the semester. For the internal assessments conducted for each course as per details provided in Clause 12, the academic records shall be maintained in the form of documentation for the individual assignments / case study report / report of mini project submitted by each student and assessment test question paper and answer script. Report of industrial training / internship shall also be maintained, if applicable. For laboratory courses students' record shall be maintained. Further, the attendance of all students shall be maintained as a record.

The Head of the Institution shall arrange to conduct the Academic Audit for every course in a semester by forming the respective committees with an external course expert as one of the members drawn from a Technical institution of repute near the institute.

The University or any inspection team appointed by the University may verify the records of Academic Audit report of the courses of both current and previous semesters, as and when required.

13. REQUIREMENTS FOR APPEARING FOR UNIVERSITY EXAMINATIONS

A student shall normally be permitted to appear for the University Examinations for all the courses registered in the current semester (vide clause 6) if he/she has satisfied the semester completion requirements (as per clause 7).

Further, examination registration by a student is mandatory for all the courses in the current semester and all arrear(s) course(s) for the University examinations failing which, the student will not be permitted to move to the higher semester.

A student who has already appeared for any course in a semester and passed the examination is not entitled to reappear in the same subject for improvement of grades.

14. PASSING REQUIREMENTS

- 14.1 A student who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End semester University Examinations] with a minimum of 45% of the marks prescribed for the end-semester University Examination, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory and laboratory courses (including project work).
- 14.2 If a student fails to secure a pass in a theory course / laboratory course (except electives), the student shall register and appear only for the end semester examination in the subsequent semester. In such case, the internal assessment marks obtained by the student in the first appearance shall be retained and considered valid for all subsequent attempts till the student secures a pass. However, from the third attempt onwards if a student fails to obtain pass marks (IA + End Semester Examination) as per clause 14.1, then the student shall be declared to have passed the examination if he/she secures a minimum of 50% marks prescribed for the University end semester examinations alone.
- 14.3 If the course, in which the student has failed, is a Professional Elective or an Open Elective course, the student may be permitted to complete the same course. In such case, the internal assessment marks obtained by the student in the first appearance shall be retained and considered valid for all subsequent attempts till the candidate secures a pass. However, from the third attempt onwards if a candidate fails to obtain pass marks (IA + End Semester Examination) as per clause 14.1, then the candidate shall be declared to have passed the examination if he/she secures a minimum of 50% marks prescribed for the University end semester examinations alone.



If any other Professional Elective or Open Elective course is opted by the student, the previous registration is cancelled and henceforth it is to be considered as a new Professional Elective or Open Elective course. The student has to register and attend the classes, earn the continuous assessment marks, fulfil the attendance requirements as per clause 7 and appear for the end semester examination.

14.4 If a student is absent during the viva - voce examination, it would be considered as fail. If a student fails to secure a pass in Project Work-I, **the student shall register** for the course again in the subsequent semester and can do Project Work-I and II together.

14.5 The passing requirement for the courses which are assessed only through purely internal assessments (EEC courses except Project Work and laboratory), is 50% of the internal assessment (continuous assessment) marks only.

14.6 A student can apply for revaluation of the student's semester examination answer paper in a theory course, as per the guidelines of the COE on payment of a prescribed fee along with prescribed application to the COE through the Head of the Institution. The COE will arrange for the revaluation and the results will be intimated to the student concerned through the Head of the Institution. Revaluation is not permitted for laboratory course and EEC courses.

15. AWARD OF LETTER GRADES

15.1 The award of letter grades will be decided using relative grading principle. The performance of a student will be reported using letter grades, each carrying certain points as detailed below:

Letter Grade	Grade Points*
O (Outstanding)	10
A + (Excellent)	9
A (Very Good)	8
B + (Good)	7
B (Average)	6
C (Satisfactory)	5
RA (Re-appearance)	0
SA (Shortage of Attendance)	0
W (Withdrawal)	0

A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: "O", "A+", "A", "B+", "B", "C".

'SA' denotes shortage of attendance (as per clause 7.3) and hence prevented from writing the end semester examinations. 'SA' will appear only in the result sheet.

"RA" denotes that the student has failed to pass in that course. "W" denotes **withdrawal** from the exam for the particular course. The grades RA and W will figure both in the Grade Sheet as well as in the Result Sheet. In both cases, the student has to appear for the End Semester Examinations as per the Regulations.

If the grade RA is given to **Theory Courses/ Laboratory Courses** it is not required to satisfy the attendance requirements (vide clause 7), but has to appear for the end semester examination and fulfil the norms specified in clause 14 to earn a pass in the respective courses.

If the grade RA is given to **EEC course (except Project Work), which are evaluated only through internal assessment**, the student shall register for the course again in the subsequent semester, fulfil the norms as specified in clause 14 to earn pass in the course. However, attendance requirement need not be satisfied.

15.2 For the Co-curricular activities such as National Cadet Corps (NCC)/ National Service Scheme (NSS) / NSO / YRC / Science club / Literary Club/ Fine Arts Club, a 'completed' remark will appear in the Grade Sheet on successful completion of the same. Every student shall put in a minimum of 75% attendance in the training and attend the camp or events of the clubs compulsorily. The training and camp or club events shall be completed during the first year of the programme. However, for valid reasons, the Head of the Institution may permit a student to complete this requirement in the subsequent years. **Successful completion of any one of the above co-curricular activities is compulsory for the award of degree.**

15.3 The grades O, A+, A, B+, B, C obtained for the one/two credit course (not the part of curriculum) shall figure in the Grade Sheet under the title '**Value Added Courses/Internship/Industrial training**'. The courses for which the grades obtained are RA, SA will not figure in the **Grade Sheet**.

15.4 For the students who complete the Audit Course satisfying attendance requirement, the title of the Audit Course will be mentioned in the Grade Sheet. If the attendance requirement is not satisfied, it will not be shown in the **Grade Sheet**.

15.5 **GRADE SHEET**

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

- The college in which the student has studied
- The list of courses registered during the semester and the grade scored.
- The Grade Point Average (GPA) for the semester and
- The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

GPA for a semester is the ratio of the sum of the products of the number of credits acquired for courses and the corresponding points to the sum of the number of credits acquired for the courses in the semester. CGPA will be calculated in a similar manner, considering all the courses registered from first semester. RA grades will be excluded for calculating GPA and CGPA.

$$\text{GPA / CGPA} = \frac{\sum_{i=1}^n C_i \text{ GP}_i}{\sum_{i=1}^n C_i}$$

where C_i is the number of Credits assigned to the course
 GP_i is the point corresponding to the grade obtained for each course
 n is number of all courses successfully cleared during the particular semester in the case of GPA and during all the semesters in the case of CGPA.

16 ELIGIBILITY FOR THE AWARD OF THE DEGREE

16.1 A student shall be declared to be eligible for the award of the B.E. / B.Tech. Degree provided the student has

- i. Successfully gained the required number of total credits as specified in the curriculum corresponding to the student's programme within the stipulated time.
- ii. Successfully completed the course requirements, appeared for the End - Semester examinations and passed all the subjects within the period as prescribed in clause 5.1 and 5.1.1.
- iii. Successfully passed any additional courses prescribed by the Director, Centre for Academic Courses whenever the student is readmitted under Regulations R-2021 from the earlier Regulations.
- iv. Successfully completed the NCC / NSS / NSO / YRC / Science Club / Literature Club / Fine Arts Club requirements.
- v. No disciplinary action pending against the student.
- vi. The award of Degree must have been approved by the Syndicate of the University.

16.2 CLASSIFICATION OF THE DEGREE AWARDED

16.2.1 FIRST CLASS WITH DISTINCTION

A student who satisfies the following conditions shall be declared to have passed the examination in **First class with Distinction**:

- Should have passed the examination in all the courses of all the eight semesters (10 Semesters in case of Mechanical (Sandwich) and 6 semesters in the case of Lateral Entry) in the student's First Appearance within **five** years (Six years in the case of Mechanical (Sandwich) and Four years in the case of Lateral Entry). Withdrawal from examination (vide Clause 17) will not be considered as an appearance.
- Should have secured a CGPA of not less than **8.50**.
- One year authorized break of study (if availed of) is included in the five years (Six years in the case of Mechanical (Sandwich) and four years in the case of lateral entry) for award of First class with Distinction.
- Should NOT have been prevented from writing end semester examination due to lack of attendance in any semester.



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16.2.2 **FIRST CLASS:**

A student who satisfies the following conditions shall be declared to have passed the examination in **First class**:

- Should have passed the examination in all the courses of all eight semesters (10 Semesters in case of Mechanical (Sandwich) and 6 semesters in the case of Lateral Entry) **within five years**. (Six years in case of Mechanical (Sandwich) and Four years in the case of Lateral Entry).
- One year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the duration of five years (Six years in case of Mechanical (Sandwich) and four years in the case of lateral entry) for award of First class.
- Should have secured a CGPA of not less than **6.50**.

16.2.3 **SECOND CLASS:**

All other students (not covered in clauses 16.2.1 and 16.2.2) who qualify for the award of the degree (vide Clause 16.1) shall be declared to have passed the examination in **Second Class**.

16.3 A student who is absent in end semester examination in a course / project work after having registered for the same shall be considered to have appeared in that examination for the purpose of classification. (subject to clause 17).

16.4 **Photocopy / Revaluation**

A student can apply for photocopy of his/her semester examination answer paper in a theory course, as per the guidelines of the COE, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of the Institutions. The answer script is to be valued and justified by a faculty member, who has handled the subject and recommend for revaluation with the breakup of marks for each question. Based on the recommendation, the student can register for the revaluation through proper application to the Controller of Examinations. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the student concerned through the Head of the Institutions. Revaluation is not permitted for practical courses and EEC courses.

A student can apply for revaluation of answer scripts for not exceeding 5 subjects at a time.

16.5 **Review**

Students not satisfied with Revaluation can apply for Review of his/ her examination answer paper in a theory course, within the prescribed date on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of the Institution.

Students applying for Revaluation only are eligible to apply for Review.



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17. PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION

- 17.1 A student may, for valid reasons, (medically unfit / unexpected family situations / sports approved by the Chairman, Sports Board and the HOD) be granted permission to withdraw from appearing for the end semester examination in any course or courses in **ANY ONE** of the semester examinations during the entire duration of the degree programme. The application shall be sent to the COE through the Head of the Institutions with required documents.
- 17.2 Withdrawal application is valid if the student is otherwise eligible to write the examination (Clause 7) and if it is made within TEN days after the date of the examination(s) in that course or courses and recommended by the Head of the Institution and approved by the Controller of Examinations. For a student to withdraw from a course / courses, he/she should have registered for the course, fulfilled the attendance requirements (vide clause 7) and earned continuous assessment marks.
- 17.2.1 Notwithstanding the requirement of mandatory 10 days, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.
- 17.3 In case of withdrawal from a course / courses, the courses will figure both in the Grade Sheet as well as in the Result Sheet. However, withdrawal shall not be considered as an appearance for the eligibility of a student for First Class with Distinction.
- 17.4 If a student withdraws from writing end semester examinations for a course or courses, he/she shall register for the same in the subsequent semester and write the end semester examination(s).
- 17.5 If a student applies for withdrawal from Project Work, he/she will be permitted for the withdrawal only after the submission of project report before the deadline. However, the student may appear for the viva voce examination within 30/60 days after the declaration of results for Project Work I and II respectively and the same shall not be considered as reappearance.
- 17.6 Withdrawal is permitted for the end semester examinations in the final semester, as per clause 16.2.1.

18. PROVISION FOR AUTHORISED BREAK OF STUDY

- 18.1 A student is permitted to go on authorised break of study for a maximum period of one year as a single spell.
- 18.2 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the student may apply for additional break of study not exceeding another one year. If a student intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to re-join the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Director, Student Affairs in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Institution stating the reasons therefore and the probable date of re-joining the programme.



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18.3 The student permitted to re-join the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of re-joining. The students re-joining in new Regulations shall register for additional courses, if any, as notified by the Centre for Academic Courses under change of Regulations. These courses may be from any of the semesters of the curriculum in force, so as to bridge the curriculum in force and the old curriculum. In such cases, the total number of credits to be earned by the student may be more than or equal to the total number of credits prescribed in the curriculum in force.

18.4 The authorized break of study is included in the duration specified for passing all the courses for the purpose of classification (vide Clause 16.2).

18.5 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree.

18.6 If any student is prevented for want of required attendance, the period of prevention shall not be considered as authorized 'Break of Study' (Clause 18.1).

18.7 If a student in Full Time mode wants to take up a job / start-up / entrepreneurship during the period of study he/she shall apply for authorised break of study for one year. The student shall join the job / start-up / entrepreneurship only after getting approval of the same by the Director, Centre for Academic Courses with due proof to that effect.

18.8 No fee is applicable to students during the Break of Study period.

19. DISCIPLINE

19.1 Every student is required to observe disciplined and decorous behaviour both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / College. The Head of the Institution shall constitute a disciplinary committee consisting of the Head of the Institution, Two Heads of Department of which one should be from the faculty of the student, to enquire into acts of indiscipline and notify the University about the disciplinary action recommended for approval. In case of any serious disciplinary action which leads to suspension or dismissal, then a committee shall be constituted including one representative from Anna University, Chennai. In this regard, the member will be nominated by the University on getting information from the Head of the Institution.

19.2 If a student indulges in malpractice in any of the University / internal examination he / she shall be liable for punitive action as prescribed by the University from time to time.

20. REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

The University may from time to time revise, amend or change the Regulations, curriculum, syllabus and scheme of examinations through the Academic Council with the approval of the Syndicate.

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Siruseri, Chennai - 603 103.

ANNA UNIVERSITY, CHENNAI
NON- AUTONOMOUS AFFILIATED COLLEGES
REGULATIONS 2021
B. E. ELECTRONICS AND COMMUNICATION ENGINEERING
CHOICE BASED CREDIT SYSTEM
CURRICULUM AND SYLLABI FOR SEMESTERS I TO VIII
SEMESTER I

S. NO.	COURSE CODE	COURSE TITLE	CATE-GORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	IP3151	Induction Programme	-	-	-	-	-	0
THEORY								
2.	HS3152	Professional English - I	HSMC	3	0	0	3	3
3.	MA3151	Matrices and Calculus	BSC	3	1	0	4	4
4.	PH3151	Engineering Physics	BSC	3	0	0	3	3
5.	CY3151	Engineering Chemistry	BSC	3	0	0	3	3
6.	GE3151	Problem Solving and Python Programming	ESC	3	0	0	3	3
7.	GE3152	தமிழர் மரபு /Heritage of Tamils	HSMC	1	0	0	1	1
PRACTICALS								
8.	GE3171	Problem Solving and Python Programming Laboratory	ESC	0	0	4	4	2
9.	BS3171	Physics and Chemistry Laboratory	BSC	0	0	4	4	2
10.	GE3172	English Laboratory [§]	EEC	0	0	2	2	1
TOTAL				16	1	10	27	22

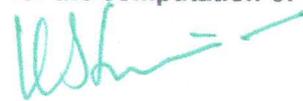
[§] Skill Based Course

SEMESTER II

S. NO.	COURSE CODE	COURSE TITLE	CATE-GORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	HS3252	Professional English - II	HSMC	2	0	0	2	2
2.	MA3251	Statistics and Numerical Methods	BSC	3	1	0	4	4
3.	PH3254	Physics for Electronics Engineering	BSC	3	0	0	3	3
4.	BE3254	Electrical and Instrumentation Engineering	ESC	3	0	0	3	3
5.	GE3251	Engineering Graphics	ESC	2	0	4	6	4
6.	EC3251	Circuit Analysis	PCC	3	1	0	4	4
7.	GE3252	தமிழரும் தொழில்நுட்பமும் /Tamils and Technology	HSMC	1	0	0	1	1
8.		NCC Credit Course Level 1 [#]	-	2	0	0	2	2*
PRACTICALS								
9.	GE3271	Engineering Practices Laboratory	ESC	0	0	4	4	2
10.	EC3271	Circuits Analysis Laboratory	PCC	0	0	2	2	1
11.	GE3272	Communication Laboratory / Foreign Language [§]	EEC	0	0	4	4	2
TOTAL				17	1	14	33	26

[#] NCC Credit Course level 1 is offered for NCC students only. The grades earned by the students will be recorded in the Mark Sheet, however the same shall not be considered for the computation of CGPA.

[§] Skill Based Course



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SEMESTER III

S. NO.	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	MA3355	Random Processes and Linear Algebra	BSC	3	1	0	4	4
2.	CS3353	C Programming and Data Structures	ESC	3	0	0	3	3
3.	EC3354	Signals and Systems	PCC	3	1	0	4	4
4.	EC3353	Electronic Devices and Circuits	PCC	3	0	0	3	3
5.	EC3351	Control Systems	PCC	3	0	0	3	3
6.	EC3352	Digital Systems Design	PCC	3	0	2	5	4
PRACTICALS								
7.	EC3361	Electronic Devices and Circuits Laboratory	PCC	0	0	3	3	1.5
8.	CS3362	C Programming and Data Structures Laboratory	PCC	0	0	3	3	1.5
9.	GE3361	Professional Development [§]	EEC	0	0	2	2	1
TOTAL				18	2	10	30	25

[§] Skill Based Course

SEMESTER IV

S. NO.	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	EC3452	Electromagnetic Fields	PCC	3	0	0	3	3
2.	EC3401	Networks and Security	PCC	3	0	2	5	4
3.	EC3451	Linear Integrated Circuits	PCC	3	0	0	3	3
4.	EC3492	Digital Signal Processing	PCC	3	0	2	5	4
5.	EC3491	Communication Systems	PCC	3	0	0	3	3
6.	GE3451	Environmental Sciences and Sustainability	BSC	2	0	0	2	2
7.		NCC Credit Course Level 2 [#]		3	0	0	3	3 [#]
PRACTICALS								
8.	EC3461	Communication Systems Laboratory	PCC	0	0	3	3	1.5
9.	EC3462	Linear Integrated Circuits Laboratory	PCC	0	0	3	3	1.5
TOTAL				17	0	10	27	22

[#] NCC Credit Course level 2 is offered for NCC students only. The grades earned by the students will be recorded in the Mark Sheet, however the same shall not be considered for the computation of CGPA.


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SEMESTER V

S. NO.	COURSE CODE	COURSE TITLE	CATE GORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	EC3501	Wireless Communication	PCC	3	0	2	5	4
2.	EC3552	VLSI and Chip Design	PCC	3	0	0	3	3
3.	EC3551	Transmission lines and RF Systems	PCC	3	0	0	3	3
4.		Professional Elective I	PEC	-	-	-	-	3
5.		Professional Elective II	PEC	-	-	-	-	3
6.		Professional Elective III	PEC	-	-	-	-	3
7.		Mandatory Course-I ^{&}	MC	3	0	0	3	0
PRACTICALS								
8.	EC3561	VLSI Laboratory	PCC	0	0	4	4	2
TOTAL				-	-	-	-	21

[&] Mandatory Course-I is a Non-credit Course (Student shall select one course from the list given under Mandatory Course-I)

SEMESTER VI

S. NO.	COURSE CODE	COURSE TITLE	CATE GORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	ET3491	Embedded Systems and IOT Design	PCC	3	0	2	5	4
2.	CS3491	Artificial Intelligence and Machine Learning	ESC	3	0	2	5	4
3.		Open Elective- I*	OEC	3	0	0	3	3
4.		Professional Elective V	PEC	-	-	-	-	3
5.		Professional Elective VI	PEC	-	-	-	-	3
6.		Professional Elective VII	PEC	-	-	-	-	3
7.		Mandatory Course-II ^{&}	MC	3	0	0	3	0
8.		NCC Credit Course Level 3 [#]		3	0	0	3	3 [#]
TOTAL				-	-	-	-	20

*Open Elective - I Shall be chosen from the list of open electives offered by other Programmes

[&] Mandatory Course-II is a Non-credit Course (Student shall select one course from the list given under Mandatory Course-II)

[#] NCC Credit Course level 3 is offered for NCC students only. The grades earned by the students will be recorded in the Mark Sheet, however the same shall not be considered for the computation of CGPA


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SEMESTER VII / VIII*

S. NO	COURSE CODE	COURSE TITLE	CATE GORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	GE3791	Human Values and Ethics	HSMC	2	0	0	2	2
2.		Elective - Management [#]	HSMC	3	0	0	3	3
3.		Open Elective – II**	OEC	3	0	0	3	3
4.		Open Elective – III**	OEC	3	0	0	3	3
5.		Open Elective – IV**	OEC	3	0	0	3	3
PRACTICALS								
6.	EC3711	Summer internship	EEC	0	0	0	0	2
TOTAL				14	0	0	14	16

*If students undergo internship in Semester VII, then the courses offered during semester VII will be offered during semester VIII.

** Open Elective II - IV (Shall be chosen from the list of open electives offered by other Programmes).

Elective - Management shall be chosen from the Elective Management courses.

SEMESTER VIII / VII*

S. NO	COURSE CODE	COURSE TITLE	CATE GORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
PRACTICALS								
1.	EC3811	Project Work / Internship	EEC	0	0	20	20	10
TOTAL				0	0	20	20	10

*If students undergo internship in Semester VII, then the courses offered during semester VII will be offered during semester VIII.

TOTAL CREDITS : 162

ELECTIVE – MANAGEMENT COURSES

S. NO.	COURSE CODE	COURSE TITLE	CATE GORY	PERIODS PERWEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	GE3751	Principles of Management	HSMC	3	0	0	3	3
2.	GE3752	Total Quality Management	HSMC	3	0	0	3	3
3.	GE3753	Engineering Economics and Financial Accounting	HSMC	3	0	0	3	3
4.	GE3754	Human Resource Management	HSMC	3	0	0	3	3
5.	GE3755	Knowledge Management	HSMC	3	0	0	3	3
6.	GE3792	Industrial Management	HSMC	3	0	0	3	3



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 Sruseri, Chennai - 603 103.

MANDATORY COURSES I

S. NO.	COURSE CODE	COURSE TITLE	CATE GORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	MX3081	Introduction to Women and Gender Studies	MC	3	0	0	3	0
2.	MX3082	Elements of Literature	MC	3	0	0	3	0
3.	MX3083	Film Appreciation	MC	3	0	0	3	0
4.	MX3084	Disaster Risk Reduction and Management	MC	3	0	0	3	0

MANDATORY COURSES II

S. NO.	COURSE CODE	COURSE TITLE	CATE GORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	MX3085	Well Being with Traditional Practices - Yoga, Ayurveda and Siddha	MC	3	0	0	3	0
2.	MX3086	History of Science and Technology in India	MC	3	0	0	3	0
3.	MX3087	Political and Economic Thought for a Humane Society	MC	3	0	0	3	0
4.	MX3088	State, Nation Building and Politics in India	MC	3	0	0	3	0
5.	MX3089	Industrial Safety	MC	3	0	0	3	0



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Vertical I Semiconductor Chip Design and Testing	Vertical II Signal Processing	Vertical III RF Technologies	Vertical IV Bio Medical Technologies	Vertical V Underwater Technologies	Vertical VI Sensor Technologies and IoT	Vertical VII Space Technologies	Vertical VIII High Speed Communications
Wide Bandgap Devices	Advanced Digital Signal Processing	RF Transceivers	Wearable Devices	Underwater Instrumentation System	IoT Processors	Radar Technologies	Optical Communication & Networks
Validation and Testing Technology	Image Processing	Signal Integrity	Human Assist Devices	Underwater Imaging Systems and Image Processing	IoT Based System Design	Avionics Systems	Wireless Broad Band Networks
Low Power IC Design	Speech Processing	Antenna Design	Therapeutic Equipment	Underwater Communication	Wireless Sensor Network Design	Positioning and Navigation Systems	4G/5G Communication Networks
VLSI Testing and Design For Testability	Software Defined Radio	MICs and RF System Design	Medical Imaging Systems	Ocean Observation Systems	Industrial IoT and Industry 4.0	Satellite Communication	Software Defined Networks
Mixed Signal IC Design Testing	DSP Architecture and Programming	EMI/EMC Pre Compliance Testing	Brain Computer Interface and Applications	Underwater Navigation Systems	MEMS Design	Remote Sensing	Massive MIMO Networks
Analog IC Design	Computer Vision	RF ID System Design & Testing	Body Area Networks	Ocean Acoustics	Fundamentals of Nanoelectronics	Rocketry and Space Mechanics	Advanced Wireless Communication Techniques

PROFESSIONAL ELECTIVE COURSES: VERTICALS

Registration of Professional Elective Courses from Verticals:

Professional Elective Courses will be registered in Semesters V and VI. These courses are listed in groups called verticals that represent a particular area of specialisation / diversified group. Students are permitted to choose all the Professional Electives from a particular vertical or from different verticals. Further, only one Professional Elective course shall be chosen in a semester horizontally (row-wise). However, two courses are permitted from the same row, provided one course is enrolled in Semester V and another in semester VI.

The registration of courses for B.E./B.Tech (Honours) or Minor degree shall be done from Semester V to VIII. The procedure for registration of courses explained above shall be followed for the courses of B.E./B.Tech (Honours) or Minor degree also. For more details on B.E./B.Tech (Honours) or Minor degree refer to the Regulations 2021, Clause 4.10 (Amendments).



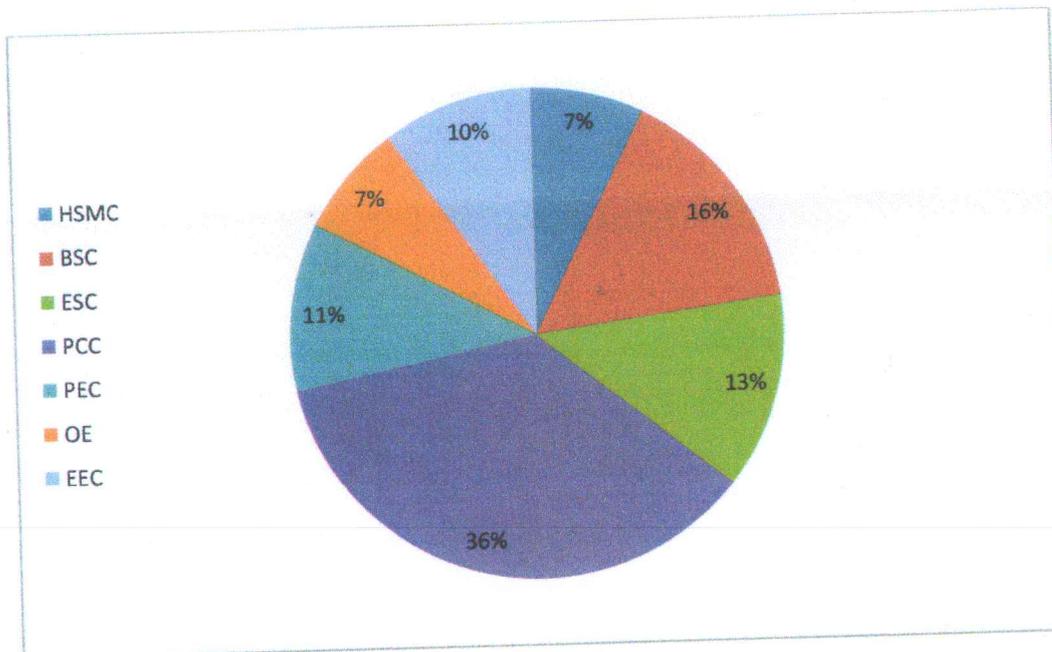
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Siruseri, Chennai - 603 103.



Department of Electronics and Communication Engineering – R2021

S.No	Subject Area	Credits per Semester								Total Credits
		I	II	III	IV	V	VI	VII/ VIII	VIII/ VII	
1	HSMC	4	3					5		12
2	BSC	12	7	4	2					25
3	ESC	5	9	3			4			21
4	PCC		5	17	20	12	4			58
5	PEC					9	9			18
6	OEC						3	9		12
7	EEC	1	2	1				2	10	16
8	Non-Credit /(Mandatory)					√	√			
Total		22	26	25	22	21	20	16	10	162



Subject Area	HSMC	BSC	ESC	PCC	PEC	OE	EEC
Credits	12	25	21	58	18	12	16


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Siruseri, Chennai - 603 103.



Date: 02.09.2023

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON-AUTONOMOUS AFFILIATED COLLEGES

September 2023 – January 2024 (SEMESTER I)

UG (FT) Degree Programmes

Sl. No.	Programme	Semester	Commencement of Induction Programme	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B.Tech. (Full Time)	I	11.09.2023	25.09.2023	04.01.2024	05.01.2024	22.01.2024
2.	B.Arch.(Full Time)						

RE-OPENING DAY FOR THE NEXT SEMESTER: 06.03.2024 (Wednesday)

NOTE:

1. The Theory and Practical Examination schedules will be published in due course. (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

** In order to ensure minimum no. of working days, the following Saturdays are declared as working days.

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
1.	30.09.2023	Thursday
2.	14.10.2023	Monday
3.	28.10.2023	Monday
4.	04.11.2023	Tuesday

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
5.	25.11.2023	Monday
6.	09.12.2023	Monday
7.	23.12.2023	Tuesday

02/09/2023

DIRECTOR
ACADEMIC COURSES

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



Date: 02.09.2023

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON-AUTONOMOUS AFFILIATED COLLEGES

September 2023 – January 2024 (Odd Semester – Semester I)

PG (FT/PT) Degree Programmes

Sl. No.	Programme	Semester	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	M.E. / M. Tech. / M. Arch.(FT)					
2.	M.B.A. (Full-Time & Part-Time)	I	11.09.2023	30.12.2023	05.01.2024	22.01.2024
3.	M.B.A. (5 Yrs-Integrated)					

RE-OPENING DAY FOR THE NEXT SEMESTER: 28.02.2024 (Wednesday)

NOTE:

1. The Theory and Practical Examination schedules will be published in due course. (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

02/09/2023

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ACADEMIC COURSES

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Mohamed Saihak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



Date: 02.09.2023

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY : CHENNAI - 600 025

ACADEMIC SCHEDULE FOR NON-AUTONOMOUS AFFILIATED COLLEGES

September 2023 - January 2024 (Odd Semester - Semester III)

UG / PG (FT/PT) Degree Programmes

Sl. No.	Programme	Semester	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B. Tech. / B. Arch. (FT)	III	20.09.2023	04.01.2024	05.01.2024	22.01.2024
2.	B.E. / B. Tech. (PT)					
3.	M.E. / M. Tech. / M. Arch. (FT)					
4.	M.B.A. (Full-Time & Part-Time)					
5.	M.B.A. (5 Yrs-Integrated)					

RE-OPENING DAY FOR THE NEXT SEMESTER: 13.03.2024 (Wednesday)

NOTE:

1. The Theory and Practical Examination schedules will be published in due course. (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

** In order to ensure minimum no. of working days, the following Saturdays are declared as working days.

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
1.	30.09.2023	Thursday
2.	14.10.2023	Monday

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
3.	04.11.2023	Monday
4.	09.12.2023	Tuesday

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No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

49 02/09/2023

DIRECTOR
ACADEMIC COURSES

Date: 13.07.2023



CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON-AUTONOMOUS AFFILIATED COLLEGES

July 2023 – November 2023 (ODD SEMESTER – Except Semester III)

UG / PG Programmes

Sl. No.	Programme	Semester	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B.Tech.(Full-Time)	V, VII	27.07.2023	17.11.2023	20.11.2023	29.11.2023
2.	B.E. / B.Tech.(Part-Time)	V, VII				
3.	B.Arch.(Full-Time)	V, VII, IX				
4.	M.B.A.(5 years Integrated)	V, VII, IX				

RE - OPENING DAY FOR THE NEXT SEMESTER: 22.01.2024 (Monday)

NOTE:

1. The Theory and Practical Examination schedules will be published in due course (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

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13/7/2023

**DIRECTOR
ACADEMIC COURSES**

[Handwritten Signature]

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipboot - IT Highway Eggitur,
Chennai - 603103.

Date: 12.01.2024



CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON-AUTONOMOUS AFFILIATED COLLEGES

March 2024 – June 2024 (Even Semester)

UG (FT / PT) & PG (FT / PT) Degree Programmes

Sl. No	Programme	Semester	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B. Tech. / B. Arch. (Full-Time)	II, IV	13.03.2024	13.06.2024	08.07.2024	15.06.2024
2.	B.E. / B. Tech. (Part-Time)	II, IV				
3.	M.E. / M. Tech. / M. Arch.(FT)	II, IV				
4.	M.B.A. (Full-Time & Part-Time)	II, IV				
5.	M.B.A. (5 years Integrated)	II, IV				
6.	M.C.A. (FT)	IV				

RE-OPENING DAY FOR UG (FT/PT) and M.B.A. (5 years Integrated) NEXT SEMESTER: 18.07.2024 (Thursday)

RE-OPENING DAY FOR M.E. / M. Tech. / M. Arch. / M.B.A.(FT / PT) NEXT SEMESTER : 12.08.2024 (Monday)

1. Theory and Practical Examination schedules will be published in due course. (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

**** Following Saturdays are declared as working days.**

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
1.	16.03.2024	Friday
2.	23.03.2024	Tuesday
3.	30.03.2024	Thursday
4.	06.04.2024	Wednesday
5.	20.04.2024	Monday
6.	27.04.2024	Tuesday

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
7.	04.05.2024	Wednesday
8.	11.05.2024	Thursday
9.	18.05.2024	Friday
10.	25.05.2024	Monday
11.	01.06.2024	Tuesday
12.	08.06.2024	Wednesday

[Signature]

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Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

[Signature] 12/01/24
DIRECTOR i/c

ACADEMIC COURSES

Date: 12.01.2024



CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON-AUTONOMOUS AFFILIATED COLLEGES

February 2024 – May 2024 (Even Semester)

UG (FT/PT) & PG (FT) Degree Programmes

Sl. No.	Programme	Semester	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B.Tech. (Full-Time)	VI, VIII	01.02.2024	03.05.2024**	06.05.2024	15.05.2024
2.	B.Arch. (Full-Time)	VI, VIII, X				
3.	B.E. / B.Tech. (Part-Time)	VI				
4.	M.B.A. (5 years Integrated) (FT)	VI, VIII, X				

RE - OPENING DAY FOR THE NEXT SEMESTER: 18.07.2024 (Thursday)

NOTE:

1. The Theory and Practical Examination schedules will be published in due course (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

**** Following Saturdays are declared as working days.**

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
1.	03.02.2024	Friday
2.	10.02.2024	Tuesday
3.	17.02.2024	Thursday
4.	24.02.2024	Wednesday
5.	02.03.2024	Monday
6.	09.03.2024	Tuesday

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
7.	16.03.2024	Wednesday
8.	23.03.2024	Thursday
9.	30.03.2024	Friday
10.	06.04.2024	Monday
11.	20.04.2024	Tuesday
12.	27.04.2024	Wednesday

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Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

A. Vignesh
12/01/24

**DIRECTOR i/c
ACADEMIC COURSES**



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



ACADEMIC CALENDAR 2023 - 2024 - ODD SEMESTER (1 Semester)

Sep-23			Oct-23			Nov-23			Dec-23			Jan-24								
Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars							
1	Fri		1	Sun		1	25	Wed	IAT II	1	48	Fri	1	Mon						
2	Sat		2	Mon	Gandhi Jayanthi	2	26	Thu	IAT II	2		Sat	2	72	Tue	EPC				
3	Sun		3	6	Tue		3	27	Fri	IAT II	3		Sun	3	73	Wed	EPC			
4	Mon		4	7	Wed		4	28	Sat	IAT II	4	49	Mon	CCM III	4	74	Thu	EPC		
5	Tue		5	8	Thu		5		Sun		5	50	Tue		5	75	Fri	Model Practical		
6	Wed		6	9	Fri		6	29	Mon		6	51	Wed		6	76	Sat			
7	Thu		7	10	Sat	CCM I	7	30	Tue	IAT II	7	52	Thu		7		Sun	AU Practical Exam		
8	Fri		8		Sun		8	31	Wed		8	53	Fri		8		Mon			
9	Sat		9	11	Mon	Unit I Completion	9	32	Thu	CCM II	9	54	Sat		9		Tue			
10	Sun		10	12	Tue	IAT I	10	33	Fri		10		Sun		10		Wed			
11	1	Mon	Induction Program	11	13	Wed	IAT I	11		Sat	Diwali	11	55	Mon	IAT IV	11			Thu	
12	2	Tue	Induction Program	12	14	Thu	IAT I	12		Sun		12	56	Tue	IAT IV	12			Fri	
13	3	Wed	Induction Program	13		Fri	Trust - Golden Jubilee	13		Mon		13	57	Wed	IAT IV	13			Sat	
14	4	Thu	Induction Program	14		Sat		14	34	Tue		14	58	Thu	IAT IV	14			Sun	Pongal Holidays
15	5	Fri	Induction Program	15		Sun		15	35	Wed	Unit III Completion	15	59	Fri	IAT IV	15			Mon	
16	6	Sat	Induction Program	16	15	Mon		16	36	Thu		16	60	Sat	IAT IV - Unit V completion	16			Tue	
17		Sun		17	16	Tue	IAT I	17	37	Fri		17		Sun		17		Wed		
18		Mon	Vinayagar Chaturthi	18	17	Wed	IAT I	18		Sat		18	61	Mon	EPC	18		Thu		
19	7	Tue	Induction Program	19	18	Thu	IAT I	19		Sun		19	62	Tue	EPC	19		Fri		
20	8	Wed	Induction Program	20	19	Fri		20	38	Mon		20	63	Wed	EPC	20		Sat		
21	9	Thu	Induction Program	21		Sat		21	39	Tue	IAT III	21	64	Thu	EPC	21		Sun		
22	10	Fri	Induction Program	22		Sun		22	40	Wed	IAT III	22	65	Fri	EPC	22		Mon	AU Exams	
23		Sat		23		Mon	Pooja Holidays	23	41	Thu	IAT III	23		Sat		23		Tue		
24		Sun		24		Tue	Pooja Holidays	24	42	Fri	IAT III	24		Sun		24		Wed		
25	1	Mon	Classes Commences	25	20	Wed		25	43	Sat	IAT III	25	66	Mon	EPC	25		Thu		
26	2	Tue		26	21	Thu		26		Sun		26	67	Tue	EPC	26		Fri		
27	3	Wed		27	22	Fri		27	44	Mon		27	68	Wed	EPC	27		Sat		
28		Thu	Milad Un Nabi	28		Sat		28	45	Tue	IAT III	28	69	Thu	EPC	28		Sun		
29	4	Fri		29		Sun		29	46	Wed		29	70	Fri	EPC	29		Mon		
30	5	Sat		30	23	Mon	Unit II Completion	30	47	Thu	Unit IV Completion	30	71	Sat	EPC	30		Tue		
				31	24	Tue	IAT II					31		Sun		31		Wed		
Total No. of Working Days: 05			Total No. of Working Days: 19			Total No. of Working Days: 23			Total No. of Working Days: 24			Total No. of Working Days: 05								

[Signature]
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 No.34, Rajiv Gandhi Salai (OMR)
 Sipcot - IT Highway Egattur,
 Chennai - 603103.

[Signature] 140923



ACADEMIC CALENDAR 2023 - 2024 - ODD SEMESTER (III Semester)																			
Sep-23			Oct-23			Nov-23			Dec-23			Jan-24							
Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars						
1	Fri		1	Sun		1	28	Wed	IAT II	1	51	Fri	1	Mon					
2	Sat		2	Mon	Gandhi Jayanthi	2	29	Thu	IAT II	2		Sat	2	75	Tue	EPC			
3	Sun		3	9	Tue		3	30	Fri	IAT II	3		Sun	3	76	Wed	EPC		
4	Mon		4	10	Wed		4	31	Sat	IAT II	4	52	Mon	CCM III	4	77	Thu	EPC	
5	Tue		5	11	Thu		5		Sun		5	53	Tue		5	78	Fri	Model Practical	
6	Wed		6	12	Fri	CCM I	6	32	Mon		6	54	Wed		6	79	Sat		
7	Thu		7	13	Sat	Unit I Completion	7	33	Tue	IAT II	7	55	Thu		7		Sun		
8	Fri		8		Sun		8	34	Wed		8	56	Fri		8		Mon	AU Practical Exam	
9	Sat		9	14	Mon		9	35	Thu	CCM II	9	57	Sat		9		Tue		
10	Sun		10	15	Tue	IAT I	10	36	Fri		10		Sun		10		Wed		
11	Mon		11	16	Wed	IAT I	11		Sat	Diwali	11	58	Mon	IAT IV	11		Thu		
12	Tue		12	17	Thu	IAT I	12		Sun		12	59	Tue	IAT IV	12		Fri		
13	Wed		13		Fri	Trust - Golden Jubilee	13		Mon		13	60	Wed	IAT IV	13		Sat		
14	Thu		14		Sat		14	37	Tue		14	61	Thu	IAT IV	14		Sun		Pongal Holidays
15	Fri		15		Sun		15	38	Wed	Unit III Completion	15	62	Fri	IAT IV	15		Mon		
16	Sat		16	18	Mon		16	39	Thu		16	63	Sat	IAT IV - Unit V completion	16		Tue		
17	Sun		17	19	Tue	IAT I	17	40	Fri		17		Sun		17		Wed		
18	Mon		18	20	Wed	IAT I	18		Sat		18	64	Mon	EPC	18		Thu		
19	Tue		19	21	Thu	IAT I	19		Sun		19	65	Tue	EPC	19		Fri		
20	1	Wed	Classes Commences	20	22	Fri		20	41	Mon		20	66	Wed	EPC	20		Sat	
21	2	Thu		21		Sat		21	42	Tue	IAT III	21	67	Thu	EPC	21		Sun	
22	3	Fri		22		Sun		22	43	Wed	IAT III	22	68	Fri	EPC	22		Mon	AU Exams
23		Sat		23		Mon	Pooja Holidays	23	44	Thu	IAT III	23		Sat		23		Tue	
24		Sun		24		Tue	Pooja Holidays	24	45	Fri	IAT III	24		Sun		24		Wed	
25	4	Mon		25	23	Wed		25	46	Sat	IAT III	25	69	Mon	EPC	25		Thu	
26	5	Tue		26	24	Thu		26		Sun		26	70	Tue	EPC	26		Fri	
27	6	Wed		27	25	Fri		27	47	Mon		27	71	Wed	EPC	27		Sat	
28		Thu	Milad Un Nabi	28		Sat		28	48	Tue	IAT III	28	72	Thu	EPC	28		Sun	
29	7	Fri		29		Sun		29	49	Wed		29	73	Fri	EPC	29		Mon	
30	8	Sat		30	26	Mon	Unit II Completion	30	50	Thu	Unit IV Completion	30	74	Sat	EPC	30		Tue	
				31	27	Tue	IAT II					31		Sun		31		Wed	
Total No. of Working Days: 08			Total No. of Working Days: 19			Total No. of Working Days: 23			Total No. of Working Days: 24			Total No. of Working Days: 05							

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ACADEMIC CALENDAR 2023 - 2024 - ODD SEMESTER (V & VII Semester)

Jul-23			Aug-23			Sep-23			Oct-23			Nov-23		
Date & Day		Particulars	Date & Day		Particulars	Date & Day		Particulars	Date & Day		Particulars	Date & Day		Particulars
1	Sat		1	Tue		1	Fri	IAT II	1	Sun		1	Wed	IAT V
2	Sun		2	Wed		2	Sat	IAT II	2	Mon	Gandhi Jayanthi	2	Thu	IAT V
3	Mon		3	Thu		3	Sun		3	Tue		3	Fri	IAT V
4	Tue		4	Fri	CCM I	4	Mon	IAT II	4	Wed		4	Sat	IAT V
5	Wed		5	Sat		5	Tue	CCM II	5	Thu	CCM III	5	Sun	
6	Thu		6	Sun		6	Wed		6	Fri		6	Mon	IAT V
7	Fri		7	Mon	Unit I Completion	7	Thu		7	Sat		7	Tue	EPC
8	Sat		8	Tue		8	Fri		8	Sun		8	Wed	EPC
9	Sun		9	Wed	IAT I	9	Sat		9	Mon		9	Thu	EPC
10	Mon		10	Thu	IAT I	10	Sun		10	Tue		10	Fri	EPC
11	Tue		11	Fri	IAT I	11	Mon		11	Wed	Unit IV Completion	11	Sat	
12	Wed		12	Sat	IAT I	12	Tue		12	Thu	IAT IV	12	Sun	Diwali
13	Thu		13	Sun		13	Wed		13	Fri	IAT IV	13	Mon	EPC
14	Fri		14	Mon	IAT I	14	Thu		14	Sat	IAT IV	14	Tue	EPC
15	Sat		15	Tue	Independence Day	15	Fri		15	Sun		15	Wed	EPC
16	Sun		16	Wed	IAT I	16	Sat		16	Mon	IAT IV	16	Thu	EPC
17	Mon		17	Thu		17	Sun		17	Tue	IAT IV	17	Fri	EPC
18	Tue		18	Fri		18	Mon	Vinayagar Chaturthi	18	Wed	IAT IV	18	Sat	
19	Wed		19	Sat		19	Tue	Unit III Completion	19	Thu		19	Sun	
20	Thu		20	Sun		20	Wed	IAT III	20	Fri		20	Mon	AU Practical Exam
21	Fri		21	Mon		21	Thu	IAT III	21	Sat		21	Tue	
22	Sat		22	Tue		22	Fri	IAT III	22	Sun		22	Wed	
23	Sun		23	Wed		23	Sat		23	Mon	Pooja holidays	23	Thu	
24	Mon	College Reopen	24	Thu		24	Sun		24	Tue	Pooja holidays	24	Fri	
25	Tue		25	Fri		25	Mon	IAT III	25	Wed		25	Sat	
26	Wed		26	Sat		26	Tue	IAT III	26	Thu		26	Sun	
27	Thu		27	Sun		27	Wed	IAT III	27	Fri		27	Mon	
28	Fri		28	Mon	Unit II Completion	28	Thu		28	Sat	Milad Un Nabi	28	Tue	
29	Sat	Moharam	29	Tue	IAT II	29	Fri		29	Sun		29	Wed	AU Theory Exam
30	Sun		30	Wed	IAT II	30	Sat		30	Mon	Unit V Completion	30	Thu	
31	Mon		31	Thu	IAT II				31	Tue	IAT V			

Total No. of Working Days: 06 Total No. of Working Days: 23 Total No. of Working Days: 20 Total No. of Working Days: 14

[Signature] 170723



ACADEMIC CALENDAR 2023 - 2024 - EVEN SEMESTER (II & IV Semester)

Mar-24		Apr-24		May-24		Jun-24		Jul-24		Particulars
Date & Day	Particulars	Date & Day								
1	Fri	1 22 Mon	NM	1 Wed	May day	1 69 Sat	EPC	1 Mon		
2	Sat	2 23 Tue	D-5	2 45 Thu	IAT-I / EPC	2 Sun		2 Tue		
3	Sun	3 24 Wed	D-1	3 46 Fri	IAT-I / EPC	3 70 Mon	NM	3 Wed		
4	1 Mon	College Reopens -D-1	4 25 Thu	D-2	4 47 Sat	IAT-I / EPC	4 71 Tue	EPC	4 Thu	
5	2 Tue	D-2	5 26 Fri	D-3	5 Sun		5 72 Wed	EPC	5 Fri	
6	3 Wed	D-3	6 27 Sat	D-4	6 48 Mon	NM	6 73 Thu	EPC	6 Sat	
7	4 Thu	D-4	7 Sun		7 49 Tue	IAT-I / EPC	7 74 Fri	IAT-II / EPC	7 Sun	
8	5 Fri	D-5	8 28 Mon	NM	8 50 Wed	IAT-I / EPC	8 75 Sat	IAT-II / EPC	8 Mon	AU-Practical Exam
9	Sat	College Day	9 Tue		9 51 Thu	IAT-I / EPC	9 Sun		9 Tue	
10	Sun		10 Wed		10 52 Fri	TCC	10 76 Mon	IAT-II / EPC	10 Wed	
11	6 Mon	D-1	11 Thu		11 Sat		11 77 Tue	IAT-II / EPC	11 Thu	
12	7 Tue	D-2	12 Fri		12 Sun		12 78 Wed	IAT-II / EPC	12 Fri	
13	8 Wed	D-3	13 Sat		13 53 Mon	NM	13 79 Thu	IAT-II / EPC	13 Sat	
14	9 Thu	D-4	14 Sun		14 54 Tue		14 Fri		14 Sun	
15	10 Fri	D-5	15 29 Mon	NM	15 55 Wed		15 Sat	AU-Theory Exam Starts	15 Mon	
16	11 Sat	D-1	16 30 Tue	D-5	16 56 Thu		16 Sun		16 Tue	
17	Sun		17 31 Wed	D-1	17 57 Fri		17 Mon	Bakrid	17 Wed	Muharram
18	12 Mon	NM	18 32 Thu	D-2	18 58 Sat		18 Tue		18 Thu	
19	13 Tue	D-2	19 33 Fri	D-3	19 Sun		19 Wed		19 Fri	
20	14 Wed	D-3	20 34 Sat	D-4	20 59 Mon	NM	20 Thu		20 Sat	
21	15 Thu	D-4	21 Sun		21 60 Tue	S1	21 Fri		21 Sun	
22	16 Fri	D-5	22 35 Mon	NM	22 61 Wed	S2	22 Sat		22 Mon	
23	# Sat	D-1	23 36 Tue	D-5	23 62 Thu	S3	23 Sun		23 Tue	
24	Sun		24 37 Wed	D-1	24 63 Fri	S4	24 Mon		24 Wed	
25	18 Mon	NM	25 38 Thu	D-2	25 Sat		25 Tue		25 Thu	
26	19 Tue	D-2	26 41 Fri	D-3	26 Sun		26 Wed		26 Fri	
27	20 Wed	D-3	27 42 Sat	D-4	27 64 Mon	NM	27 Thu		27 Sat	
28	21 Thu	D-4	28 Sun		28 65 Tue	S5	28 Fri		28 Sun	
29	Fri		29 43 Mon	NM	29 66 Wed	S6	29 Sat		29 Mon	
30	Sat	Good Friday	30 44 Tue	D-5	30 67 Thu	EPC	30 Sun		30 Tue	
31	Sun				31 68 Fri	EPC			31 Wed	
Total No. of Working Days: 21		Total No. of Working Days: 23		Total No. of Working Days: 24		Total No. of Working Days: 11		Total No. of Working Days: Nil		

M. V. 19/2/24
 Head - Academics

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
 No.34, Rajiv Gandhi Salai (OMR)
 Sipcot - IT Highway Egattur,
 Chennai - 600 095

Principal 200224



ACADEMIC CALENDAR 2023 - 2024 - EVEN SEMESTER (VI Semester)

Jan-24		Feb-24		Mar-24		Apr-24		May-24		
Date & Day	Particulars	Date & Day	Particulars	Date & Day	Particulars	Date & Day	Particulars	Date & Day	Particulars	
1	Mon	New Year	1 10 Thu	D-5	1 33 Fri	D-4	1 56 Mon	NM	1 Wed	May day
2	Tue		2 11 Fri	D-1	2 Sat		2 57 Tue	D-5	2 76 Thu	EPC
3	Wed		3 12 Sat	D-2	3 Sun		3 58 Wed	D-1	3 77 Fri	EPC
4	Thu		4 Sun		4 34 Mon	NM	4 59 Thu	D-2	4 78 Sat	EPC
5	Fri		5 13 Mon	NM	5 35 Tue	D-5	5 60 Fri	D-3	5 Sun	
6	Sat		6 14 Tue	Industrial Training - Phase I	6 36 Wed	D-1	6 61 Sat	D-4	6 79 Mon	EPC
7	Sun		7 15 Wed		7 37 Thu	D-2	7 Sun		7 80 Tue	EPC
8	Mon		8 16 Thu		8 38 Fri	College Day	8 Mon	NM	8 81 Wed	EPC
9	Tue		9 17 Fri		9 39 Sat		9 Tue	Telugu New Year	9 82 Thu	Model Exam
10	Wed		10 18 Sat		10 Sun		10 Wed		10 83 Fri	Model Exam
11	Thu		11 Sun		11 40 Mon	NM	11 Thu	Ramzan	11 Sat	
12	Fri	Pongal Holidays	12 19 Mon	NM	12 41 Tue	D-3	12 Fri		12 Sun	
13	Sat		13 20 Tue	D-3	13 42 Wed	D-4	13 Sat		13 84 Mon	Model Exam
14	Sun		14 21 Wed	D-4	14 43 Thu	D-5	14 Sun	Tamil New Year	14 85 Tue	Model Exam
15	Mon		15 22 Thu	D-5	15 44 Fri	IAT -I /EPC	15 65 Mon	NM	15 86 Wed	Model Exam
16	Tue		16 23 Fri	D-1	16 45 Sat	IAT -I /EPC	16 63 Tue	Industrial Training - Phase II	16 87 Thu	Model Exam
17	Wed		17 Sat		17 Sun		17 64 Wed		17 Fri	
18	1 Thu		College Reopens -D-1	18 Sun		18 46 Mon	NM		18 65 Thu	18 Sat
19	2 Fri	D-2	19 24 Mon	NM	19 47 Tue	IAT -I /EPC	19 66 Fri		19 Sun	
20	3 Sat	D-3	20 25 Tue	D-2	20 48 Wed	IAT -I /EPC	20 67 Sat	20 Mon		
21	Sun		21 26 Wed	D-3	21 49 Thu	IAT -I /EPC	21 Sun	21 Tue		
22	4 Mon	D-4	22 27 Thu	D-4	22 50 Fri	IAT -I /EPC	22 68 Mon	NM	22 Wed	
23	5 Tue	D-5	23 28 Fri	D-5	23 51 Sat	D-1	23 69 Tue	D-5	23 Thu	
24	6 Wed	D-1	24 Sat		24 Sun		24 70 Wed	IAT -II /EPC	24 Fri	
25	Thu	Thai Poesam	25 Sun		25 52 Mon	NM	25 71 Thu	IAT -II /EPC	25 Sat	
26	Fri	Republic Day	26 29 Mon	NM	26 53 Tue	D-2	26 72 Fri	IAT -II /EPC	26 Sun	
27	Sat		27 30 Tue	D-1	27 54 Wed	D-3	27 73 Sat	IAT -II /EPC	27 Mon	
28	Sun		28 31 Wed	D-2	28 55 Thu	D-4	28 Sun		28 Tue	
29	7 Mon	D-2	29 32 Thu	D-3	29 Fri	Good Friday	29 74 Mon	IAT -II /EPC	29 Wed	
30	8 Tue	D-3			30 Sat		30 75 Tue	IAT -II /EPC	30 Thu	
31	9 Wed	D-4			31 Sun				31 Fri	
Total No. of Working Days: 9		Total No. of Working Days: 23		Total No. of Working Days: 23		Total No. of Working Days: 20		Total No. of Working Days: 12		

(Handwritten Signature)

M. V. Jeyaraj
Head - Academics 06/01/24

PRINCIPAL

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ACADEMIC CALENDAR 2023 - 2024 - EVEN SEMESTER (VIII Semester)

Jan-23			Feb-23			Mar-23			Apr-23			May-23		
Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars		Date & Day	Particulars	
1	Mon	New Year	1 17	Thu	U-IV / First Review	1	Fri		1 27	Mon	Final Review	1	Wed	May day
2	Tue		2 18	Fri	U-IV	2	Sat		2 28	Tue	Final Review	2	Thu	
3	1 Wed	College Reopens U-I	3	Sat		3	Sun		3 29	Wed	Model Exam	3	Fri	
4	2 Thu	U-I	4	Sun		4	Mon		4 30	Thu	Model Exam	4	Sat	
5	3 Fri	U-I / Zeroth Review	5 19	Mon	U-V / CCM-II	5	Tue		5	Fri		5	Sun	
6	Sat		6 20	Tue	U-V	6	Wed		6	Sat		6	Mon	
7	Sun		7 21	Wed	U-V	7	Thu		7	Sun		7	Tue	
8	4 Mon	U-I	8 22	Thu	U-V	8	Fri		8	Mon		8	Wed	
9	5 Tue	U-II	9 23	Fri	U-V	9	Sat		9	Tue	Telugu New Year	9	Thu	
10	6 Wed	U-II	10	Sat		10	Sun		10	Wed		10	Fri	
11	7 Thu	U-II	11	Sun		11	Mon		11	Thu	Ramzan	11	Sat	
12	Fri	Pongal Holidays	12 24	Mon	IAT-II /EPC	12	Tue		12	Fri		12	Sun	
13	Sat		13 25	Tue	IAT-II /EPC	13	Wed		13	Sat		13	Mon	
14	Sun		14	Wed		14 26	Thu	Third Review	14	Sun	Tamil New Year	14	Tue	
15	Mon		15	Thu		15	Fri		15	Mon		15	Wed	
16	Tue		16 29	Fri		16	Sat		16	Tue		16	Thu	
17	Wed		17	Sat		17	Sun		17	Wed		17	Fri	
18	8 Thu	U-II /CCM-I	18	Sun		18	Mon		18	Thu		18	Sat	
19	9 Fri	U-III	19 30	Mon		19	Tue		19	Fri		19	Sun	
20	10 Sat	U-III	20 31	Tue		20	Wed		20	Sat		20	Mon	
21	Sun		21 32	Wed		21	Thu		21	Sun		21	Tue	
22	11 Mon	U-III	22 33	Thu		22	Fri		22	Mon		22	Wed	
23	12 Tue	U-III	23 34	Fri		23	Sat		23	Tue		23	Thu	
24	13 Wed	U-IV	24	Sat		24	Sun		24	Wed		24	Fri	
25	Thu	Thai Pooasam	25	Sun		25	Mon		25	Thu		25	Sat	
26	Fri	Republic Day	26 35	Mon	Second Review	26	Tue		26	Fri		26	Sun	
27	Sat		27 36	Tue		27	Wed		27	Sat		27	Mon	
28	Sun		28 37	Wed		28	Thu		28	Sun		28	Tue	
29	14 Mon	IAT-I /EPC	29 38	Thu		29	Fri	Good Friday	29	Mon		29	Wed	
30	15 Tue	IAT-I /EPC				30	Sat		30	Tue		30	Thu	
31	16 Wed	U-IV				31	Sun					31	Fri	
Total No.of Working Days: 16			Total No.of Working Days: 09			Total No.of Working Days: 01			Total No.of Working Days: 04					

(Signature)

M. V
Head - Academics 30/12/22

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**MOHAMED SATHAK
A.J. COLLEGE OF ENGINEERING**
 Siruseri IT Park, OMR, Chennai - 603103.



ORIENTATION
 Date: 21.09.2023
REGULATIONS 2021

1

STRUCTURE OF PROGRAMMES

4.1 Categorization of Courses

- Humanities, Social Sciences and Management Courses (HSMC) - Professional English, Communication skills etc.
- Basic Sciences Courses (BSC) - Mathematics, Physics, Chemistry, Biology, Environmental Science etc.
- Engineering Sciences Courses (ESC) -Engineering Practices, Engineering Graphics, Basics of Civil / Mechanical / Electrical / Electronics / Instrumentation, Computer Engineering, etc.
- Professional Core Courses (PCC) - the core courses relevant to the chosen specialization/branch.


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- Professional Elective Courses (PEC) -elective courses relevant to the chosen specialization/ branch.
- Open Elective Courses (OEC) - courses offered by a branch to other branches, from the list specified in the respective curriculum of the B.E. / B. Tech. / B. Arch. Programmes.
- Employability Enhancement Courses (EEC) - Project Work, Internship, Seminar, Professional Practices, Case Study and Industrial/Practical Training etc.
- Audit courses (AC) - courses such as Constitution of India, Sangam literature etc.

4.2 Personality and Character Development

➤ NCC/NSS/NSO/YRC

- 80 hours – Weekends
 - attend a camp of about seven days – Vacation
- OR

➤ Science club/Literary Forum/Fine Arts activities

- 80 hours
 - participate at least one event/programme
- will be given a certificate by the Head of the Institution and the copy of the same shall be forwarded to the Controller of Examinations for the purpose of record and scrutiny.

4.5. Industrial Training/ Internship

- When - summer / winter vacation.
- Where - Research organization / University/ Industry
(after due approval from the Head of the Institution)
- How long

DURATION OF TRAINING/INTERNSHIP	CREDITS
2 Weeks*	1
4 Weeks	2
6 Weeks	3

*1 Week = 40 Internship Hours

- After completion:
Attendance Certificate mentioning the period of Industrial Training / Internship and signed by the competent authority of the industry.
(format provided by the Centre for Academic Courses shall be submitted to the Head of the Institution).
- Benefits:
If the student earns three credits in Industrial Training/ Internship, the student may drop one Professional Elective.


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4.7 Value Added Courses

- One / Two credit courses - offered by a Department of an institution with the prior approval from the Head of the Institution and the Centre for Academic courses.
- Students can take a maximum of
 - two one credit courses or
 - one two credit course
 during the entire duration of the Programme.

4.8 Online Courses

- a maximum of two online courses
- a maximum of six credits,
INSTEAD OF open elective / professional elective courses
- with the approval of the Head of the Institution and the Centre for Academic Courses.
SHOULD NOT repeat it again as Professional Core/Professional Elective/Open Elective courses.
- online courses shall be chosen from the SWAYAM platform.

SWAYAM

- **AICTE** (All India Council for Technical Education) for self-paced and international courses
- **NPTEL** (National Programme on Technology Enhanced Learning) for Engineering
- **UGC** (University Grants Commission) for non technical post-graduation education
- **CEC** (Consortium for Educational Communication) for under-graduate education
- **NCERT** (National Council of Educational Research and Training) for school education
- **NIOS** (National Institute of Open Schooling) for school education
- **IGNOU** (Indira Gandhi National Open University) for out-of-school students
- **IIMB** (Indian Institute of Management, Bangalore) for management studies
- **NITTTR** (National Institute of Technical Teachers Training and Research) for Teacher Training programme

Audit courses

- Optional
- mentioned in the Grade Sheet.
- Not considered for computation of CGPA.


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Advancement of Courses:

- Should not have current arrears and have a CGPA of 7.50 and above at the end of Semester IV.
- students shall undergo the eighth semester courses other than the Project Work in the sixth and seventh semesters.
- permitted to carry out their final semester Project Work for six months in an industry/research organization.

SYSTEM OF EXAMINATION

- For all **theory courses**, the continuous internal assessment will carry 40 marks while the End Semester University examination will carry 60 marks.
- For all **theory courses with laboratory component**, the continuous internal assessment will carry 50 marks while the End Semester University examination will carry 50 marks.
- For all **laboratory courses**, the continuous internal assessment will carry 60 marks while the End Semester University examination will carry 40 marks.
- The continuous internal assessment for the project work will carry 40 marks while the End Semester University examination will carry 60 marks.
- Industrial Training and Seminar shall carry 100 marks and shall be evaluated through internal assessment only.

PASSING REQUIREMENTS

- If a student fails to secure a pass in a theory course / laboratory course.
- Internal assessment marks obtained by the student in the first appearance shall be retained and considered valid for all subsequent attempts till the student secures a pass
- From the third attempt onwards if a student fails to obtain pass marks (IA + End Semester Examination) as per clause 14.1, then the student shall be declared to have passed the examination if he/she secures a minimum of 50% marks prescribed for the University end semester examinations alone.

AWARD OF LETTER GRADES

Letter Grade	Grade Points*
O (Outstanding)	10
A + (Excellent)	9
A (Very Good)	8
B + (Good)	7
B (Average)	6
C (Satisfactory)	5
RA (Re-appearance)	0
SA (Shortage of Attendance)	0
W (Withdrawal)	0



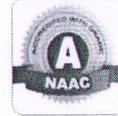
PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Ganeshi Salai (OMR)
Sipoot - IT Highway Egattur,
Chennai - 603103.



**MOHAMED SATHAK
A.J. COLLEGE OF ENGINEERING**

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DEPARTMENT OF SCIENCE & HUMANITIES



FIRST YEAR INDUCTION PROGRAMME REPORT

2023 - 2024

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103





Alhaj. S.M.Yousuf

Chairman

Mohamed Sathak AJ College of Engineering



Chairman's Message

MSAJCE is determined to give the students a creative thinking, up to date knowledge and technology in a refreshing atmosphere. In this academic year our college has got approved for two demanding new branches- Artificial Intelligence and Data Science and Computer Science and Business Systems with specific objectives and planned activities for achieving excellence in all spheres of technical education. The emerging technologies and their exponential growth may change the world sooner.

Anna University has appropriately directed to conduct the Induction Program for the first year the students to create team spirit and encourage human values and culture of the institution. This programme would definitely provide a platform for students to determine their goal, to improvise the human values in today's global era with an aim to serve humanity better. I believe if students are embedded with real time innovation, technology and contemporary learning they can do wonders. We need to train them not only to become professionals but also to be effective leaders.

I wish the whole process help the students to acclimatize to their new roles and environment Hearty welcome young minds!

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No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.





Janab.P.R.L.Hamid Ibrahim

Executive director

Mohamed Sathak AJ College of Engineering



Executive Director's Message

MSAJCE offers a stimulating environment, through our faculty, a good mix of experienced professionals with relevant knowledge and academic achievements. All this is further fortified with our regularly updated course curriculum to suit the industry requirements, the teaching methodology that enables students to understand the engineering concepts and develops the ability to apply them in academic development. We want to foster culture of innovation and value system to the young minds to give society true engineers with updated technical knowledge and Interpersonal skills.

I wish all the first year students to have a holistic experience in the Induction Program which will surely help to get groomed on various aspects like problem solving, using creative thinking and an innovative way of thinking.

Best wishes for a successful and thought provoking experience.

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Chennai - 603103.





Janab.Mohamed Sathak

Director

Mohamed Sathak A J College of Engineering



Director's Message

My hearty wishes for the aspiring engineers of 2023-2027 batch of students. The Induction Program will establish a bond between students and teachers. It would also make them aware of the Infrastructure facilities available in the campus and know the benefits of Science and Technological centers. The college environment will allow the students to explore their academic interest and make them feel comfortable. Your good performance in your first job and subsequent fast-track career growth in future will keep reinforcing that you took the correct decision by joining Mohamed Sathak A.J.College of Engineering. We are here to make your dream come true.

Good luck for technocrats, successful entrepreneurs, competent leaders, innovative scientists and researchers.

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No.34, Rajiv Gandhi Salai (OMR)
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Dear Parents and Prospective Students

As Principal, I am impressed by the commitment of our management and the faculty for the provision of an excellent all-round education with state of the art facilities to our students so that they become multidimensional rather than uni-dimensional. Acquiring information is no longer the main focus of education; instead the main aim of education is to build the powers of human mind and spirit. MSAJCE believes in providing our students an environment which is rich in knowledge and supportive for their extra curricular interests. We evaluate our students on the basis of their physical, mental, social, emotional and intellectual development. As a result, I assure that, MSAJCE is dedicated to developing skilled and outstanding students who can pursue their interest and strength to the best of their ability. As a result our enriched students will be able to actively face Industry 4.0 challenges as well as build a strong society for a better world. To meet these needs, we practice a holistic approach with enabled new structure that stimulates the young minds in terms of innovative and creative thinking with great freedom to learn with different perceptiveness.

I welcome you all and wish a Memorable Studentship. I hope you will able to achieve greater heights and bring laurels our Institute.

Best Wishes

Dr. K.S. Srinivasan Ph.D

Principal

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.





FACULTY COORDINATORS

1. Dr.A.Balakrishnan, Head /Administration
2. Dr.M.Shanmugasundaram Head/Academics
3. Dr. A.Ammu Qudsiya, Associate Prof./Mathematics- HOD, S& H
4. Mrs. K.Saipriya, AP/English
5. Mrs.S.Usha, AP/English
6. Mrs.M.Barveen Fatima AP/English
7. Mr. S.Sivaprakash, AP/Tamil
8. Mrs.V.Shobana, AP/Physics
9. Dr.Stephan Raj, AP/Physics
10. Dr.S.Amutha, AP/Physics
11. Mr.B.Baskar, AP/Physics
12. Dr.M.Muthumari, AP/Physics
13. Dr. B.Devibala, AP/Chemistry
14. Dr.A.Suvitha, AP/Chemistry
15. Mrs.A.Nithya, AP/Chemistry
16. Mrs.S.Sudha, AP/Mathematics
17. Dr.J.Kavitha, AP/Mathematics
18. Mrs.S.Rajeshwari, AP/Mathematics

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Sl.No	Faculty incharges	Section
1	Dr. S.Amutha	A
2	Dr.A.Suvitha	B
3	Mrs.A.Nithya	C
4	Dr.M.Muthumari	D
5	Mrs.S.Rajeshwari	E

STUDENT COORDINATORS

1. Jaffer Siddiqui - Computer Science and Engineering
2. Mohammad Arsath Rahamadullah K- Information Technology
3. Mehek Tabussam- Computer Science and Business System
4. Mohammad Afsar- Artificial Intelligence and Data Science
5. Ahmed Jabir-Electronics and Communication Engineering
6. Hajeer Imam Ali-Civil Engineering
7. Ansar Nisha-Electrical and Electronics engineering
8. Divakar.D-Mechanical Engineering

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Program Level: Under Graduate

Program Type: First Year Student Induction Program

Duration: 11/09/2023 to 27/09/2023

Organized by: The Mohamed Sathak A.J. College of Engineering
(MSAJCE), Chennai.

Main Objective of the Program: The objective of the induction program for students is to make the newly enrolled students feel comfortable, encourage them to explore their academic interests and activities, reduce competition and encourage them to strive for excellence, promote a sense of community among them, encourage relationships between them and their teachers, and provide a broader perspective on life and character development. Additionally, it links students with one another and with professors so they can communicate any problems they may be having and get assistance.

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INDUCTION PROGRAM SCHEDULE

Date	8.15 AM-9.55AM	10.10 AM-12.40PM	1.40 PM-3.20 PM
11/09/2023 Monday	Registration, Filling details in student data book and hostel form	Inauguration Program	COE Address
12/09/2023 Tuesday	Yoga Mr.Kamesh / Dr. Sivaranjani	Fun with Electronics Dr.Rajamanikkam	Fun with English Ms.S.Usha
13/09/2023 Wednesday	Sports/Yoga Mr.Kamesh / Dr. Sivaranjani	Hands on training on MS-Excel Mrs.V.Shobana	Introductory Address HOD (S & H)
14/09/2023 Thursday	Sports/Yoga Mr.Kamesh / Dr. Sivaranjani	Program on Grooming gap Ms.Kanmani Divya Mahesh	Youth Empowerment Mr. Babu Charles
15/09/2023 Friday	Life Skill Talk Ms.Shamini	Mastering Thoughts M.R.Vijay Kumar	Entrepreneur speech Mr.Hareesh Alumini MSCE
16/09/2023 Saturday	Hackathon	Engineers day & Teachers day celebration	----
19/09/2023 Tuesday	Learn with English- Mrs.K.Saipriya	Moral values and Drug Awareness Dr. P. Madasamy, Asst Comm (Rtd)	Art from waste

Date	8.15 AM-9.55AM	10.10 AM-12.40PM	1.40 PM-3.20 PM
20/09/2023 Wednesday	Fun with maths Mrs.S.Sudha	Motivational Speech Mr.S.Pugazhendhi	Start Up Mr.Pragadeesh SIIF
21/09/2023 Thursday	Explanation of Anna University Regulations 2021	Motivational Speech Alex Maths	Waste management- workshop Mr.P.Parthasarathy
22/09/2023 Friday	Academic head and Subject co- ordinators speech	Welcome Party by Senior students	
25/09/2023 Monday	Outing -Birla Planetarium		
26/09/2023 Tuesday	Soft skill training Mr. Michael		
27/09/2023 Wednesday	Soft skills training Dr.Rajesh		NSS

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4	14.09.2023	Sports/yoga, Program on Grooming gap, Youth Empowerment	6
5	15.09.2023	Life Skill Talk, Mastering Thoughts, Entrepreneur speech	8
6	16.09.2023	Hackathon, Engineers day & Teachers day celebration	11
7	19.09.2023	Learn with English, Moral values and Drug Awareness, Art from waste	14
8	20.09.2023	Fun with maths, Motivational Speech, Start up	16
9	21.09.2023	Explanation of Anna University Regulations 2021, Motivational Speech and Waste management-workshop	18
10	22.09.2023	Academic head and Subject co-ordinators speech, Welcome function by Senior students	21
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13	27.09.2023	Soft skills training & NSS	24



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DAY 1: 11.09.2023

INDUCTION DAY-INTRODUCTORY PROGRAMME

*The Management, Principal, Staff and Students
Solicit your august presence on the occasion of the*

Inaugural Day-2023
(1st Year B.E / B.Tech)

On 11th September 2023 (Monday)
Venue : Jasmine Hall - 4th Floor

Chief Guest
Mrs.Anitha Ramaraj
Technical Architect
Accenture

Guest of Honour
Pulavar M.Ramalingam
Tamil Orator

Mr.Sheikh Azharuddin
Head-IT Operations, Nissan Renault Financial
Services India Limited

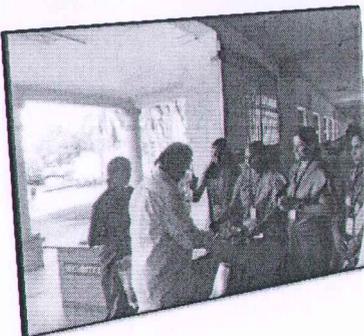
In the Presence of

Athaj S.M. Mohamed Yousuf Chairman Mohamed Sathak Trust	Hajiyani S.M.H. Sharmila Secretary Mohamed Sathak Trust
Janab. P.R.L. Hamid Ibrahim Executive Director Mohamed Sathak Trust	Janab. Mohamed Sathak Campus Director Mohamed Sathak

**MOHAMED SATHAK
A.J. COLLEGE OF ENGINEERING**
44 Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603 103

**Hearty welcome
Inaugural Function 2023**
(1st Year B.E / B.Tech)

 Mrs. Anitha Ramaraj Technical Architect, Accenture Chief Guest	 Pulavar M. Ramalingam Tamil Orator Guest of Honour 11 th September 2023	 Mr. Sheikh Azharuddin Head of Operations, Nissan Renault Financial Services India Limited Guest of Honour
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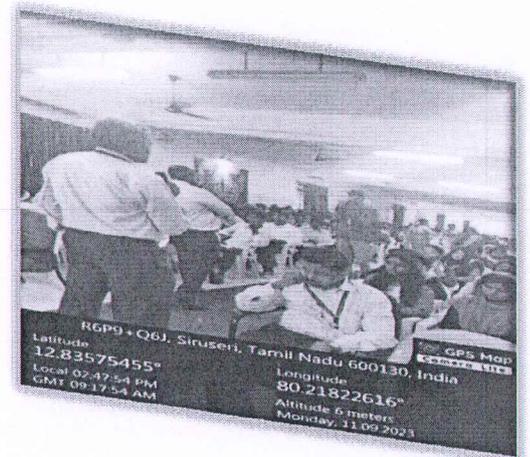
- **Dr.K.Srinivasan**, Principal of the college delivered the welcome address and invited the guests, the parents and the students.
- The Chief Guest for the occasion was **Mrs.Anitha Ramaraj**, Technical Architect, Accenture, Chennai. She motivated the students and their future careers with an inspirational speech. Additionally, she shared her experiences in the technology field and gave guidance to the students by observing them in class, learning about and analyzing the subject.
- The Guest of Honor **Pulavar M.Ramalingam**, Tamil Orator, Chennai addressed to the students and applied his sense of humor to motivate them with an elaborate speech. He gave A.P.J. Abdul Kalam as an example to inspire the students and advised them to use their intellect and wisdom.

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- The program ended with gratitude note to the parents, HODs, faculty members and students in the vote of thanks delivered by **Dr. Shamuga Sundaram**, HOD/Mechanical Department.

- After the inaugural session, **Dr. Ramesh**, COE welcomed the parents and students to the institute and congratulated them for securing admission in our college. He introduced the students and the parents to the Vision and Mission of our institute that focuses on providing quality education to all sectors of the society at an affordable cost. He spoke about the responsibility of the college to help the students achieve their dream in a successful way. He emphasized that hard work and involvement will only help the students to reach great heights in their career.



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DAY 2: 12.09.2023

YOGA/FUN WITH ELECTRONICS/FUN WITH ENGLISH

Resource person: **Dr. Sivaranjani**

- Yoga brings the body and mind together to become a harmonious experience. Man is a physical, mental and spiritual being; yoga helps promote a balanced development of all the three. Yoga is a method of learning that aims at balancing "Mind, Body and Spirit". Yoga is a practice with historical origins in ancient Indian philosophy. Yoga is distinctly different from other kinds of exercise as it generates motion without causing strain and imbalances in the body.



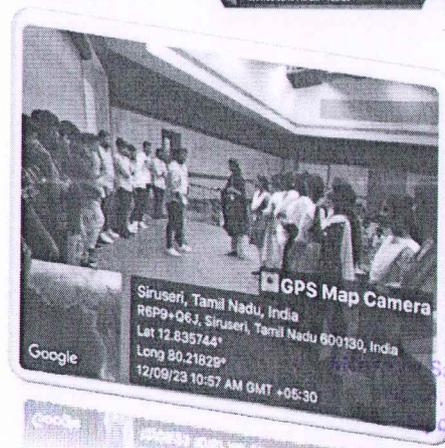
Resource Person: **Dr.Rajamanikkam**

- Fun with electronics session provides students with a good understanding of electrical components, and how they can be assembled into circuits to perform specific functions. this session can be a great way to learn about building and programming drones while also having fun. This session explains what are the drone kits available on the market that are designed for beginners and come with detailed instructions and all the necessary components.



Resource person: **Mrs.M.Barveen Fathima**

- All four language skills—reading, speaking, listening, and writing—are practiced through games. These activities can be entertaining while learning English and provide a useful context for language use. Therefore, by learning English, you'll have access to a ton of entertainment and be better able to appreciate different cultures. Students can interact with new people through the provided activities. It enables students to take on new perspectives, have a deeper understanding of another culture, and improve their listening skills.



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DAY 3: 13.09.2023

YOGA/SPORTS(OUTDOOR), HANDS-ON TRAINING ON MS EXCEL/WORD

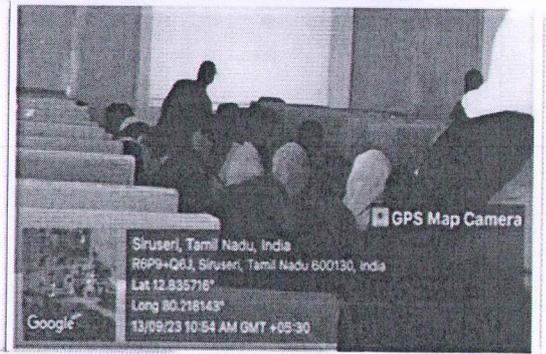
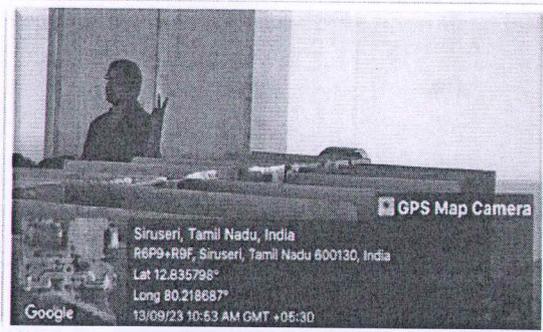


Resourse person: Dr.Sivaranjani & Mr.Kamesh

Most of the students often have to deal with some of the other emotional issues in their life, either at home or in school. The skill they develop through sports helps them to accept all defeats as well as wins. Hence, students who love games and sports are in a much better position to deal with tough situations. For each departmental student, we hold their second day of yoga and outdoor sports (basketball, football, ring ball, shuttle, etc.).

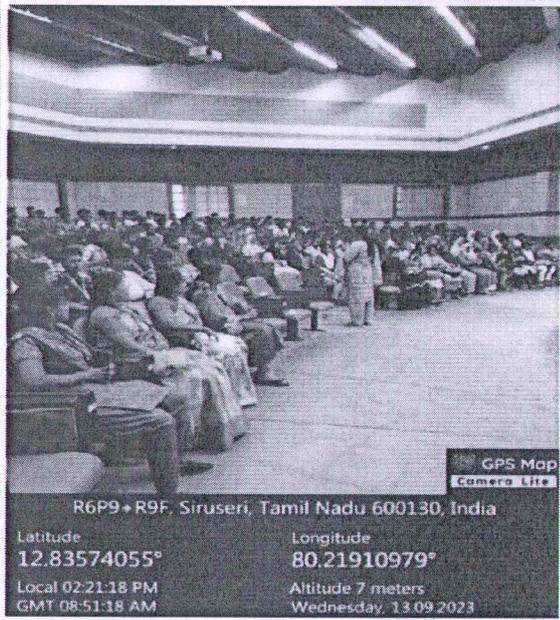
Resourse person: Mrs.V.Shobana

Computational skills training were provided to the students to make them understand the applications of arithmetic operation to calculate solutions to mathematical problems. The students were encouraged to get involved in learning in the computer skills MS word, MS XL, Power Point Presentation. Different tasks and assignments were given to the students to complete



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**Resourse person: Dr. Ammu Qudsiya,
Head (S&H)**

- She addressed after noon and made a motivational lecture by telling stories and connecting with students by asking questions. She additionally described the rules that are adhered to in the college.

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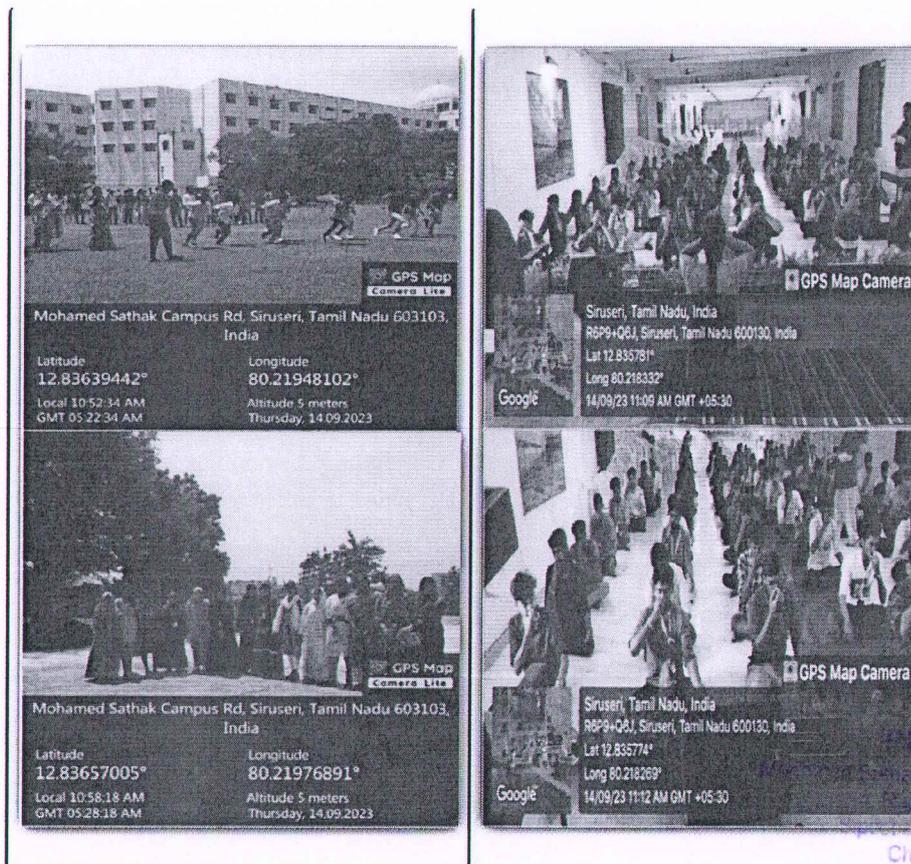




DAY 4: 14.09.2023

SPORTS/YOGA, WOMEN EMPOWERMENT,
YOUTH EMPOWERMENT

For the students' benefit, we scheduled a third day of yoga and sports to improve their physical and mental well-being. We demonstrated breathing exercises for dealing with a stress-free environment. "Program on grooming gap" would be the topic of the following session, which would focus on women's empowerment.



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Department of Science and Humanities, Women Empowerment Cell,
 Grievance Cell, Gender Sensitization cell
 Jointly Organize

Program on GROOMING GAP

Date: 14/09/2023 Time: 08:30 am to 10:00 am
 Venue: Dasthagir Auditorium, MSAJCE

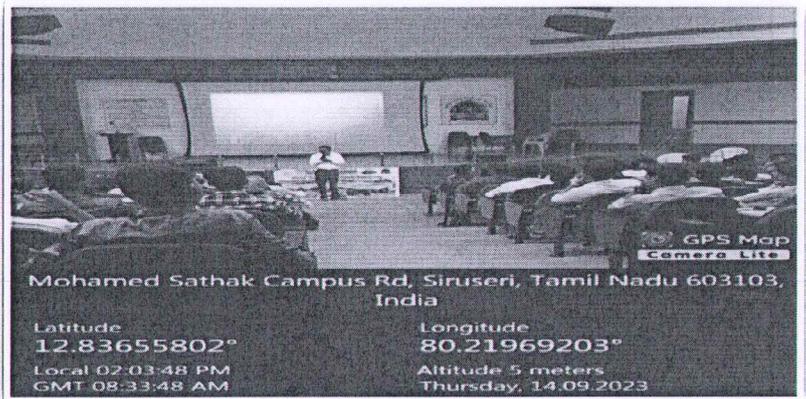
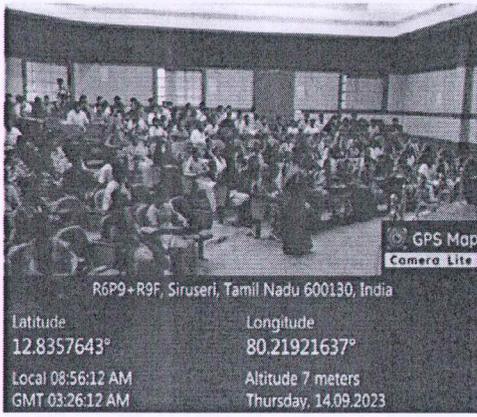
Resource Person:
 Ms. Kanmani Thivya Mahesh
 Counselling Psychologist,
 Life Skill Trainer,
 Motivational Speaker

Coordinator: Dr. J. Manjula, Head IQAC
 Dr. A. Anandha Ganesan, Head - IASST
 Mrs. S. Subini, AP/ Mathematics

Co-ordinator:
 Ms. S. Usha, AP/ English
 Mrs. P. Karthikeyan, IASST
 Dr. M. Mohan Kumar, AP/ Physics

+91-994000 4500 / 044-27470024 msajce.office@gmail.com www.msajce-edu.in

Resorse person: Ms.Kanmani Divya Mahesh
 Empowerment classes are offered during the afternoon session. In this session, the resource person covered women's empowerment and how they overcame challenges early on. Additionally, she advised the male students to provide opportunities for ladies to develop themselves.



Resourse person: Mr.Babu Charles.

- He explained how today's youth in this generation are more empowered. Also advised students how to enhance boldness and avoid being timid in any circumstance. Additionally, in the current circumstance, both clever and hard work are used.

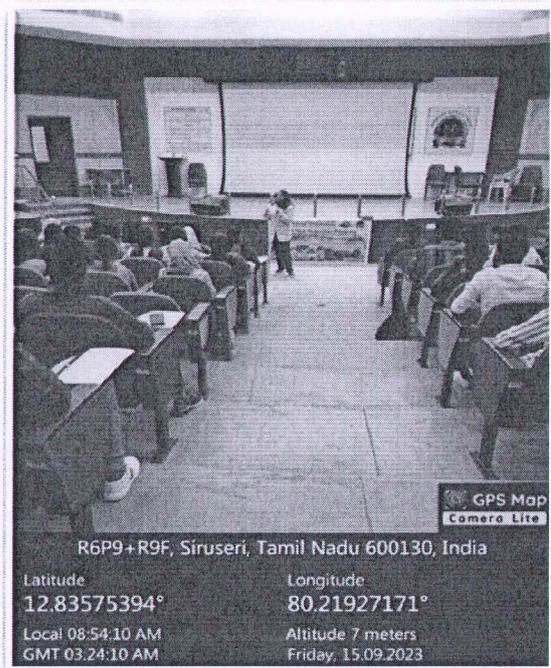
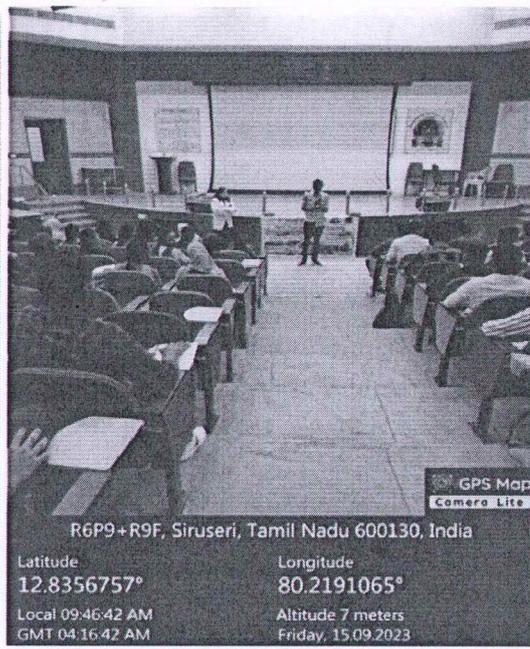
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DAY 5: 15.09.2023

LIFE SKILL TALK, MASTERING THOUGHTS,
ENTREPRENEUR SPEECH



Resource person: Ms.Shamini

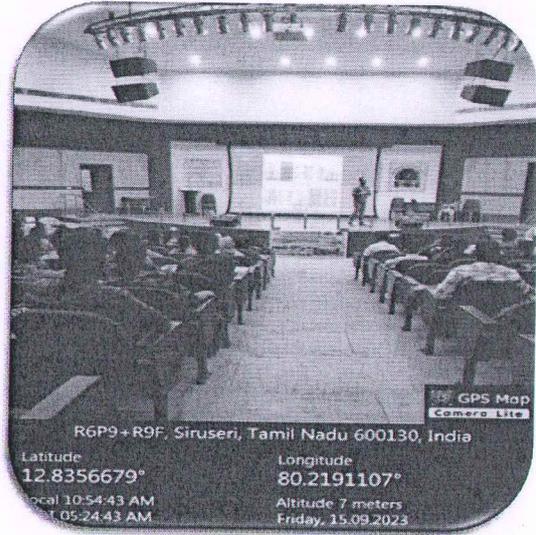
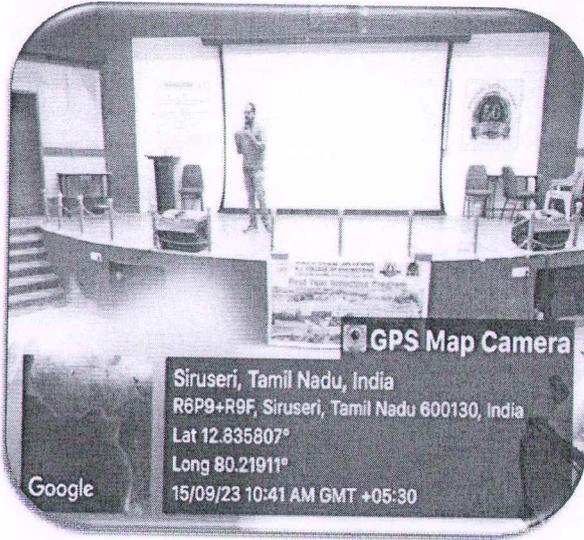
- In that conversation provided life skills advice and was beautifully stated by her. She encouraged and stimulated everyone to showcase their talents while also teaching them how to be creative and imaginative.



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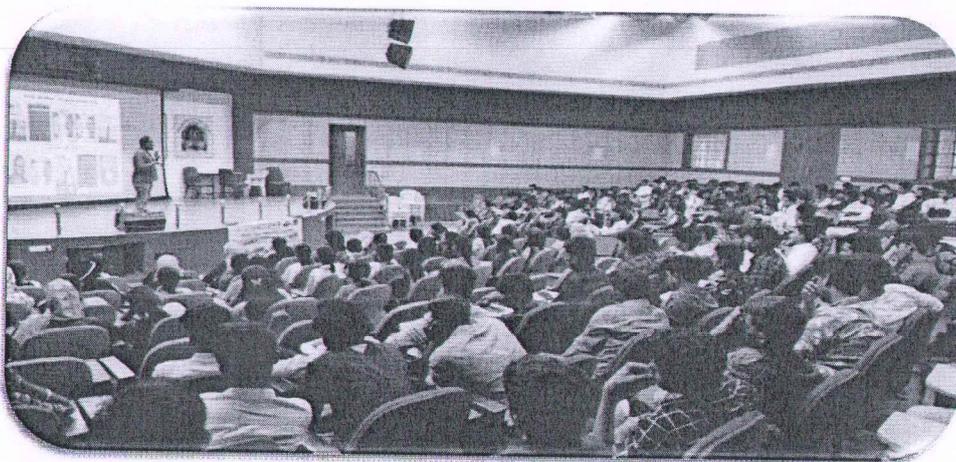
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Resource person: Mr.M.R.Vijey Kumar

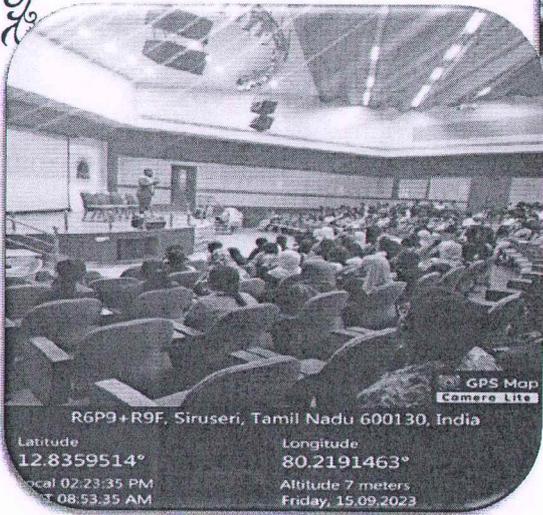
- The following session focused on thought mastery. In this lesson, the resource person inspired the students with his method of relaxation and instruction on how to practice meditation, which was extremely beneficial for their ability to focus.



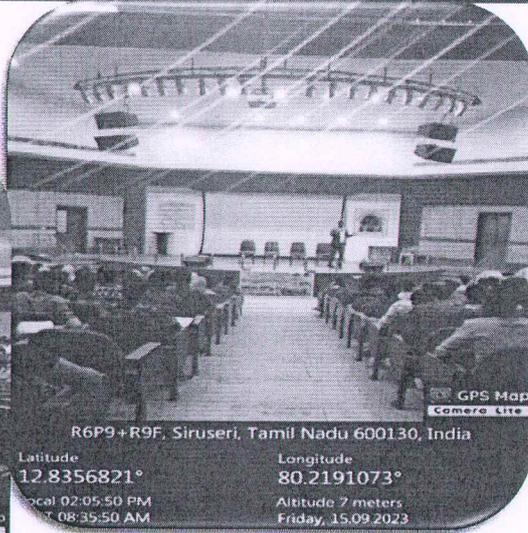
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 08:53:35 AM Friday, 15.09.2023

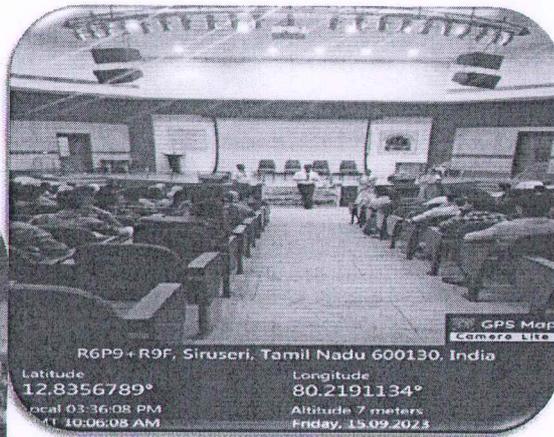


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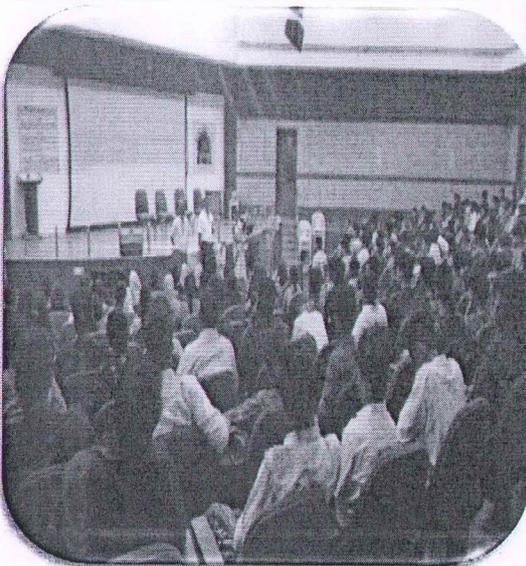
Resource person: Mr. Hareesh

- The Entrepreneur of this session is Mr. Hareesh he gave a lecture in which he inspired the students to become entrepreneurs and discussed the ways and methods to face the challenges . He also advised on the managerial skills that should be focused by the students.

- Our college principal delivered speech in the afternoon to welcome the students, explaining the principles and guidelines, and giving advise on how to achieve goals in the future by following the successful way of life.



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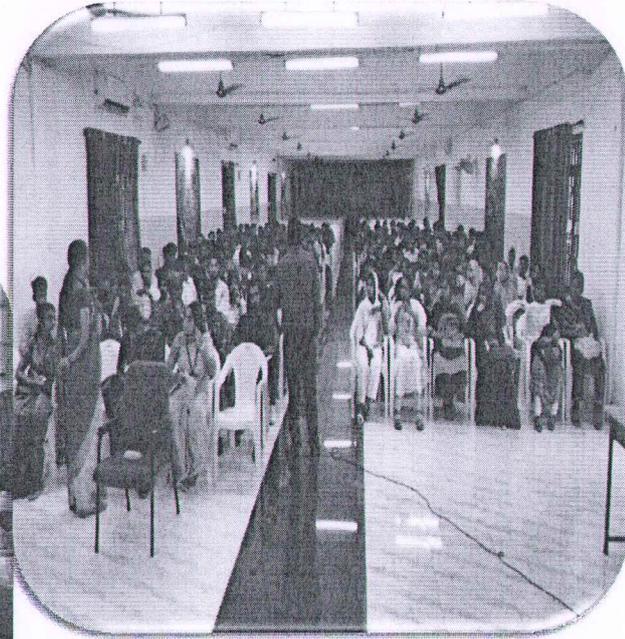
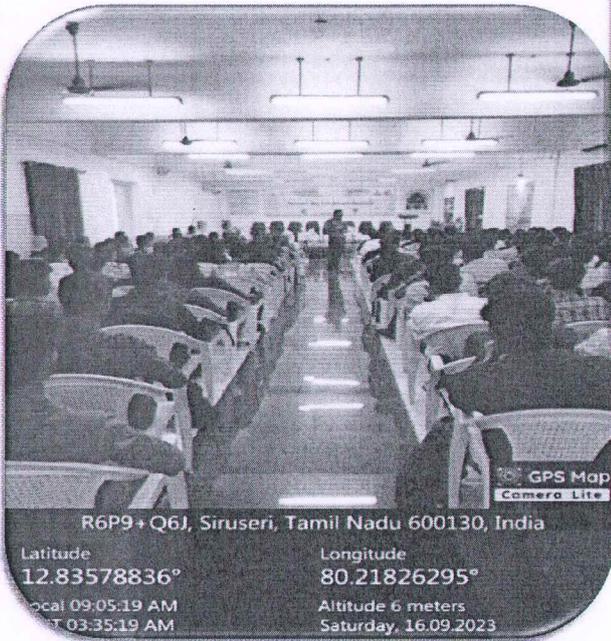


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DAY 6: 16.09.2023

HACKATHON, TEACHERS DAY & ENGINEERS DAY
CELEBRATION



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Local 09:05:19 AM Altitude 6 meters
T 03:35:19 AM Saturday, 16.09.2023

Resource person: Mr. Dinesh

- We held a Hackathon instruction session before the celebration of teachers' day and engineers' day, which was coordinated by Mr. Dinesh. He inspired the students by asking questions about the future and giving each student an opportunity to speak privately to discuss their intended career path. Following his speech, he invites a group of students—boys and girls—to take part in a Hackathon.

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**MOHAMED SATHAK
A.J. COLLEGE OF ENGINEERING**
34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603 103.

*The Management, Principal, Staff and Students
Cordially invite you for the*

**TEACHERS' DAY 2023
&
ENGINEER'S DAY 2023**

On 16th September 2023 at 10:30 am
Venue : Dasthagir Auditorium

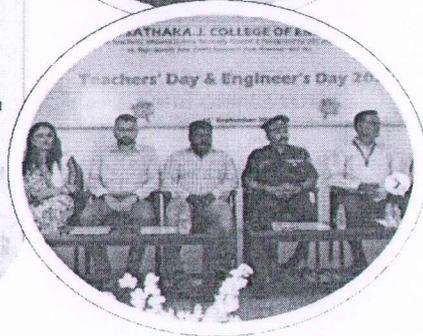
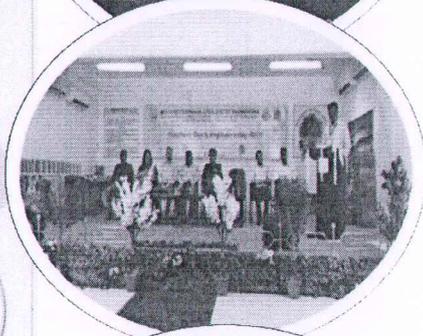
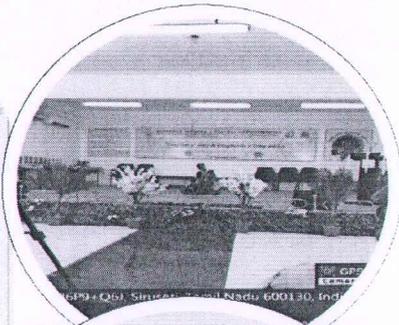
Chief Guest
Lt Col (Dr) Samuel Premkumar
Officer Commanding, 1(TN) Remount & Veterinary Squadron NCC

Guest of Honour
Mr.K. PAZHANI
Cinema Actor, Pattimandira Nadavar & Speaker

In the Presence of

Athaj. S.M. Mohamed Yousuf Chairman Mohamed Sathak Trust	Hajiyani. S.M.H. Sharmila Secretary Mohamed Sathak Trust
Janab. P.R.L. Hamid Ibrahim Executive Director Mohamed Sathak Trust	Janab. Mohamed Sathak Director Mohamed Sathak AJ College of Engineering

Dr. K.S. Srinivasan M.E., Ph.D
Principal



Resourse persons: Lt Col (Dr) Samuel Premkumar & Mr. K. Pazhani

The officer commanding and chief guest, Lt Col (Dr) Samuel Premkumar, spoke beautifully about engineers day and how students are the foundation of our society. He also talked about how instructors and students may connect and share stories.

The guest of honor Mr. K. Pazhani, a movie actor used humor to address the students and emphasized the importance of teachers and the hard work they put in every day.

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Delivering gifts and certificates to previous, current, teaching, and non-teaching staff members as well as the best teachers chosen by students in their schools at the ending of the celebration.

Following that, everyone is invited to join a special lunch that the college has arranged.

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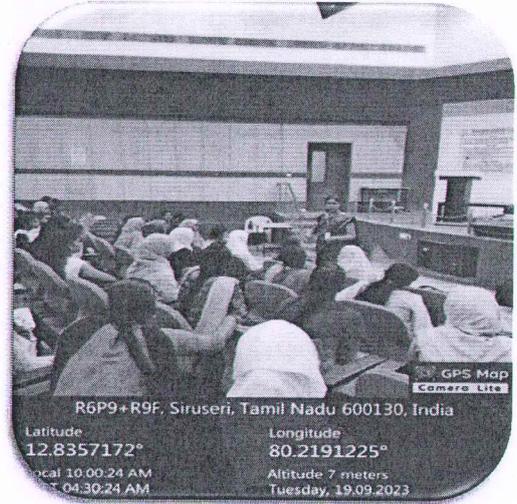
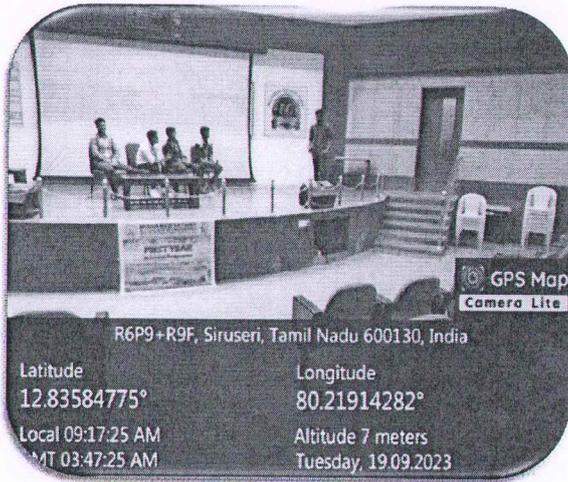


DAY 7: 19.09.2023

LEARN WITH ENGLISH, MORAL VALUES/DRUG AWARENESS, ART FROM WASTE

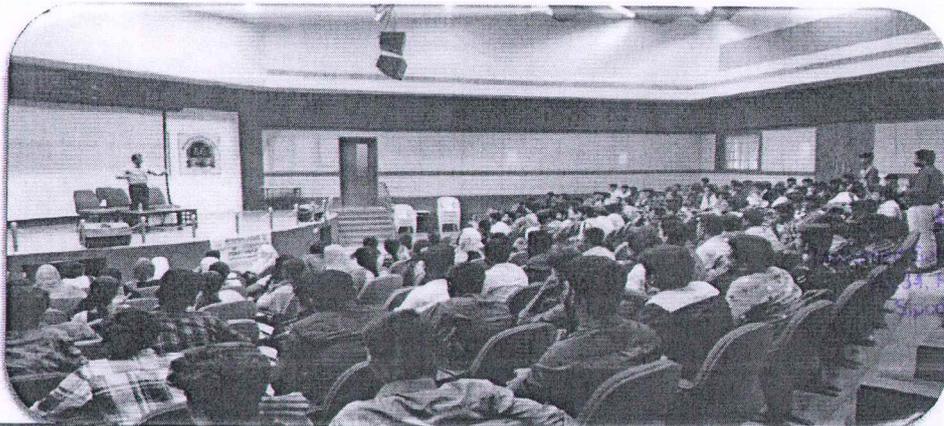
Resource person: Mrs.M. Barveen Fathima.

- In the current lesson, students learn English while having fun and taking in a lot of the new environment..



Resource person: Dr.Madasamy

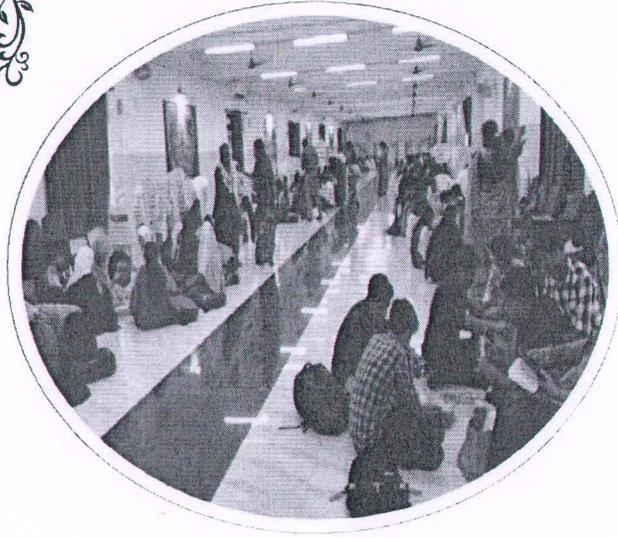
- The day's chief guest, a retired assistant commissioner of police, addressed the students in order to provide a motivating environment for knowledge development, assimilation, and dissemination with an awareness of social responsibility, human values, and concern for social commitment. He talked on how it's essential to value elders' guidance and how doing so encourages young people to live peaceful lives. the current lesson, students learn English while having fun and taking in a lot of the new environment..



Dr. Madasamy

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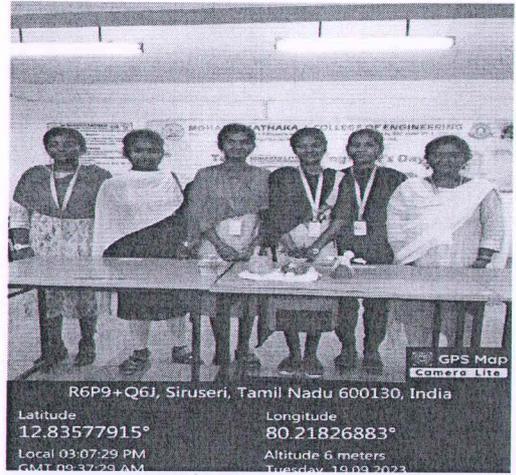




- Art from waste was an event organized as a part of Induction Programme. The competition helped the students to understand how to use the waste things in a useful way. The students made different models and designs from the waste materials like old Newspapers, chart paper, cardboard and book cover, paper plates, spoons and disposable glass, pens and refills, old CDs and DVDs, toothpicks and matchsticks, used foil paper, jute rope, plastic bottles and made many models using the things.



R6P9+Q6J, Siruseri, Tamil Nadu 600130, India
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 Local 02:51:38 PM Altitude 6 meters
 GMT 09:21:38 AM Tuesday, 19.09.2023



R6P9+Q6J, Siruseri, Tamil Nadu 600130, India
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 GMT 09:37:29 AM Tuesday, 19.09.2023



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PRINCIPAL

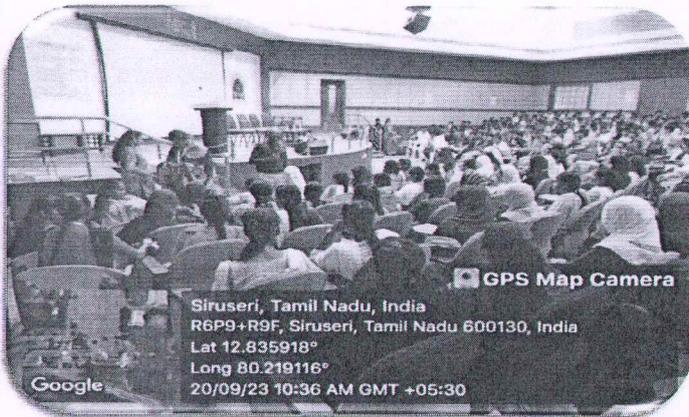
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 Chennai - 603103.





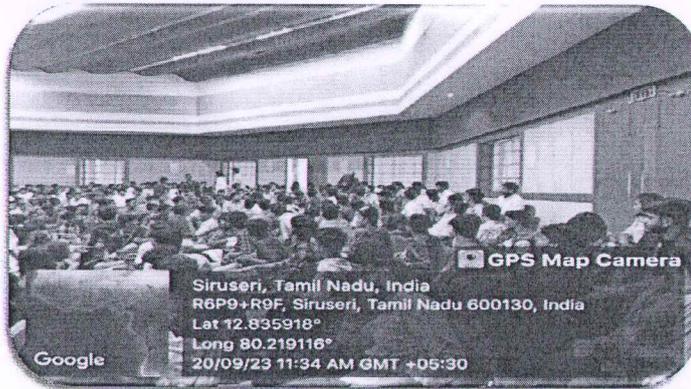
DAY 8: 20.09.2023

FUN WITH MATHS, MOTIVATIONAL TALK & START UP



Resource person: Mrs.Sudha

- This mathematics session is entertaining and educational. Also included were tips on how to make math easy in everyday life.



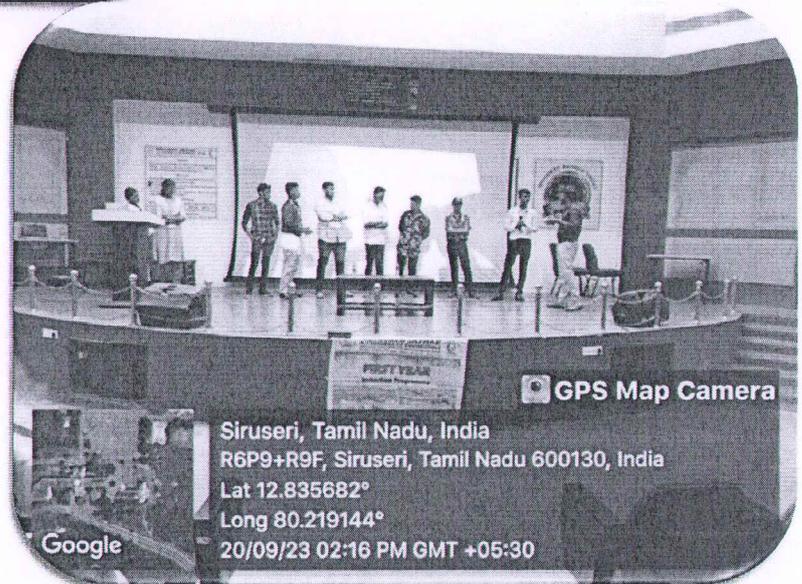
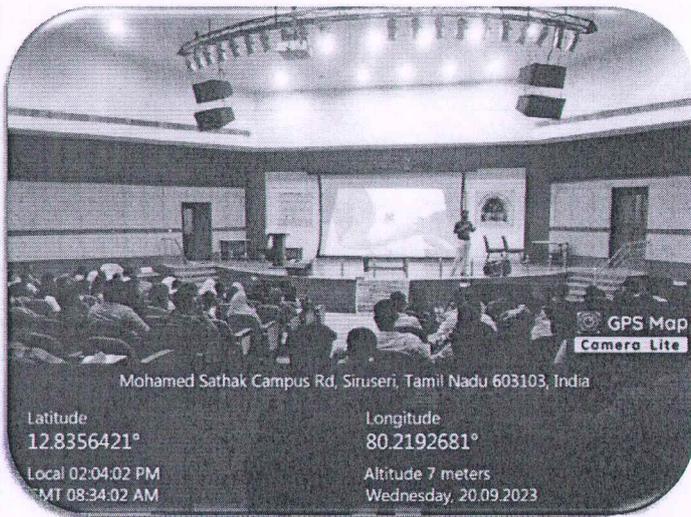
Resource person: Mr.S.Pugazhendhi

- The students enjoyed and found this lesson to be quite emotional. He spoke to the youngsters on a variety of topics, changed their perspectives, and prompted emotional responses from them.

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Resource person: Mr.Pragadeesh

- After this instructional session, the students undoubtedly gained how to make startup and use it in everyday circumstances. Additionally, his speech was quite interactive, which helped the children learn significantly.

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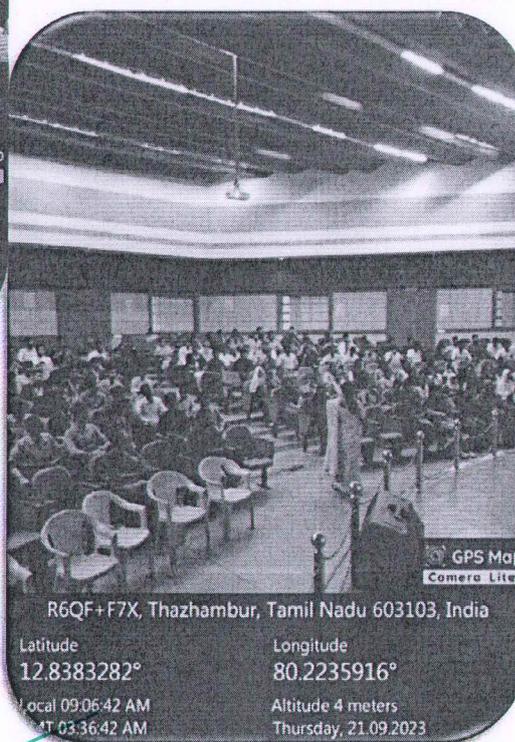
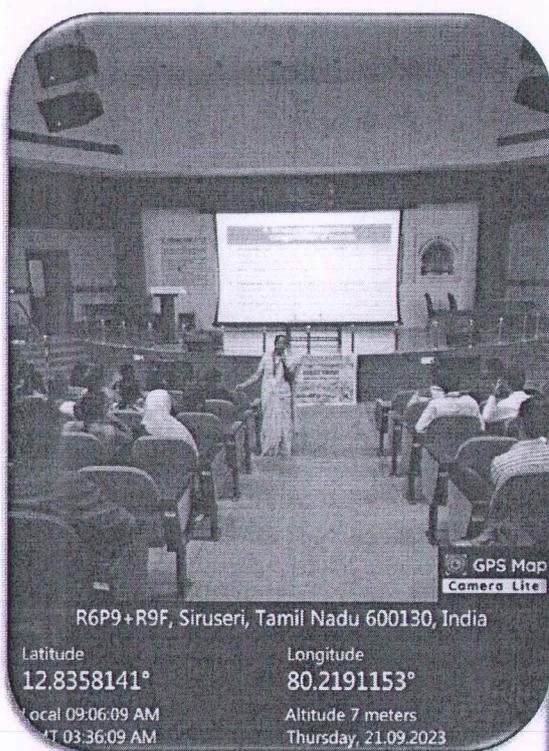
DAY 9: 21.09.2023

Explanation of Anna university Regulations 2021,
Motivational Speech

& Waste management-workshop

Resource person: Dr. A. Ammu Qudsiya

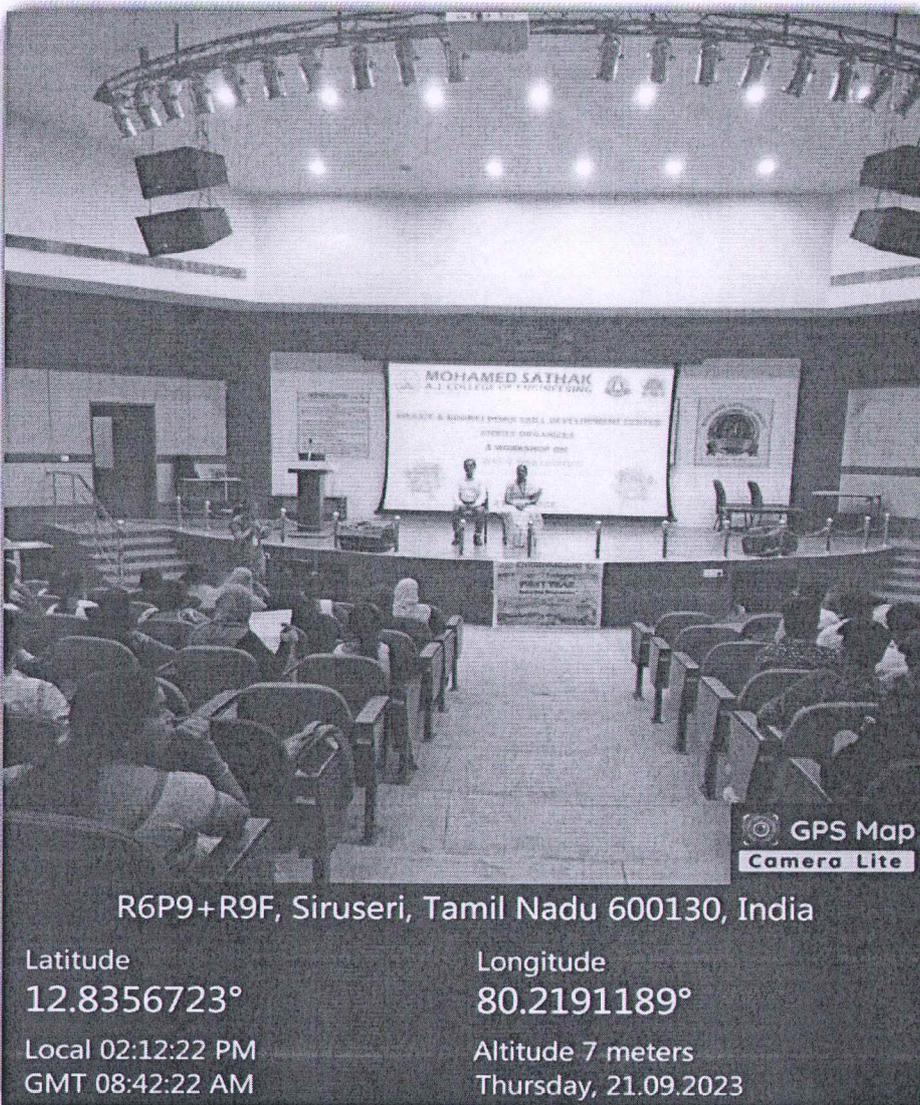
- In this tutorial, every new student has a very good understanding of the Anna University regulations for 2021. She did a great job of thoroughly illuminating all the ideas taught at Anna University.





Resource person: Mr.P.Parthasarathy

- In this session, all the students acquire knowledge about the e-wastage in our society and how to make creative in their own way.



R6P9+R9F, Siruseri, Tamil Nadu 600130, India

Latitude
12.8356723°

Longitude
80.2191189°

Local 02:12:22 PM
GMT 08:42:22 AM

Altitude 7 meters
Thursday, 21.09.2023

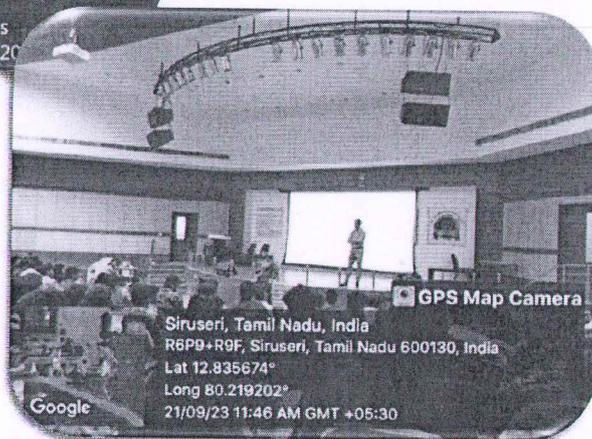
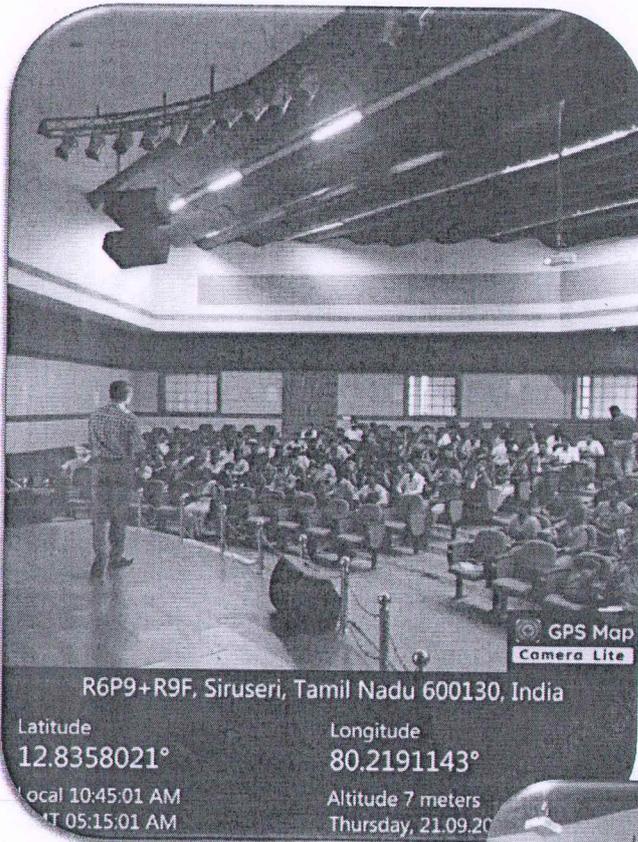
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Resource person: Mr. Alex Maths

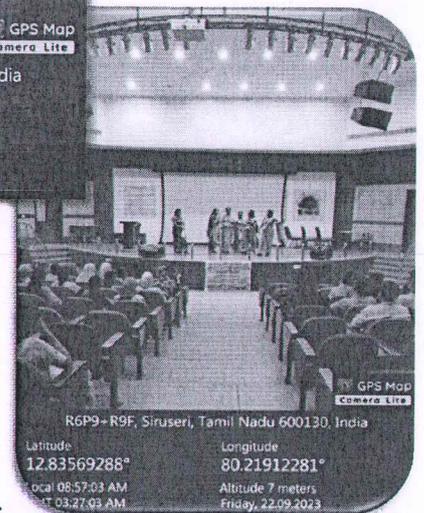
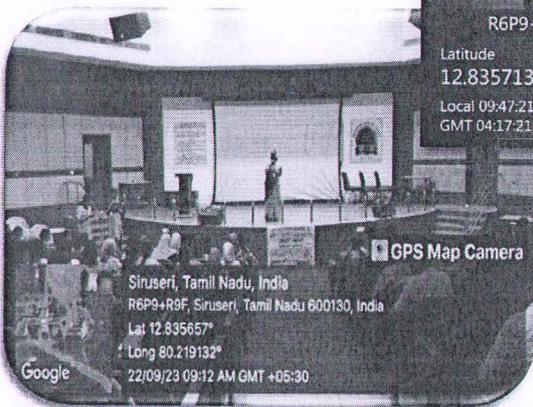
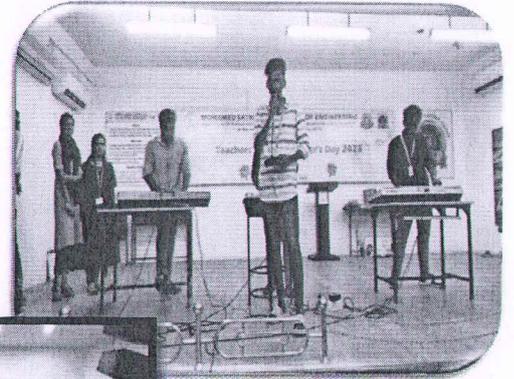
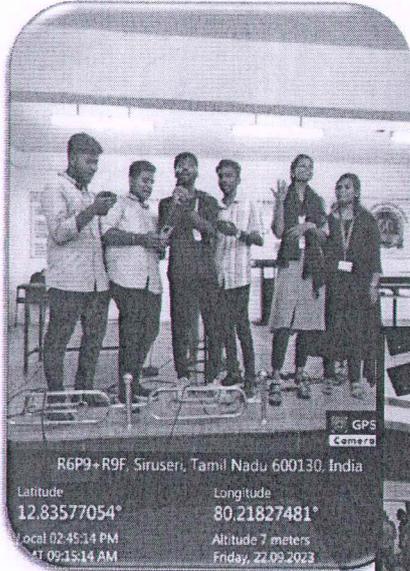
- The students found this session to be engaging and educational, and they left with a clear understanding of how to approach engineering mathematics. He also helped students learn the fundamentals of mathematics.





DAY 10: 22.09.2023

SENIORS AND SUBJECT CO-ORDINATORS WELCOME



- All the senior students welcomed their juniors whole heartedly. A cultural programme was organized by the senior students. First year students also exhibited their talents and received a warm welcome from their seniors.
- **Dr. K. Balakrishnan**, the academic head, and all of the class coordinators gave warm welcomes and inspiring speeches.

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DAY 11: 25.09.2023

OUTING BIRLA PLANETORIUM



- All the students were scheduled to be in 4 batches-Batch A, Batch B, Batch C, Batch D & Batch E. All the batches visited Birla Planetarium, Chennai. Located in the Periyar Science and Technology Centre Campus has eight galleries namely Physical science, Electronics and Communication, Energy, Life Science, Innovation, Transport, International Dolls and Children, Material Science. Sky shows of the planetarium theatre.
- The planetarium is the outcome of discoveries. The mystery of the universe is alluring and microscopic at the same time. The students begin to explore the facts about this universe and the movement of the planets. The theatre show clearly shows how the magnetic field of the Sun attracts other planets and makes them revolve around the Sun and a clear concept about the cosmos builds. It provides a virtual tour of the night sky and holds cosmic shows. The themes of the shows are based on the future of life on Earth, cosmologies of ancient cultures, dinosaurs' extinction, etc. Students enjoyed the 3D Show and theatres visited the places galleries and learnt many innovative things. The trip was very educative.

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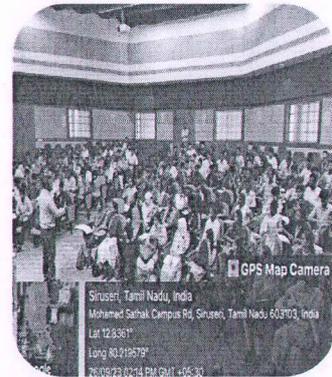
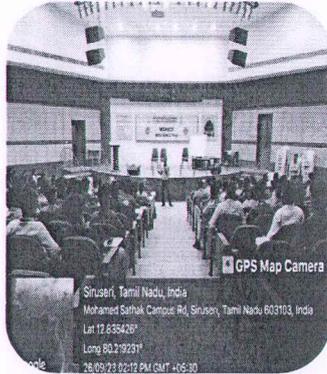
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DAY 12: 26.09.2023

SOFT SKILL TRAINING



Resource person: Mr. Michael

- The resource person in this session worked to develop the students' personalities and their awareness of how to deal with misunderstandings. Additionally given public speaking techniques and how to rise beyond the average person to become successful.

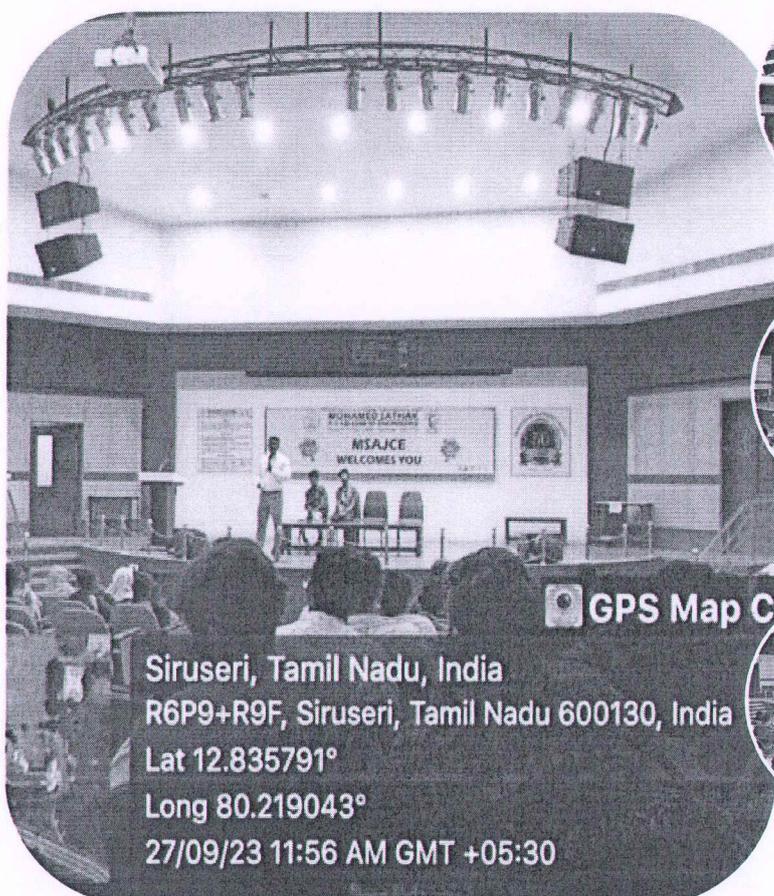
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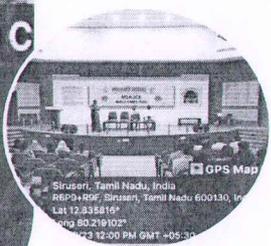


DAY 13: 27.09.2023

SOFT SKILL TRAINING AND NSS



Siruseri, Tamil Nadu, India
R6P9+R9F, Siruseri, Tamil Nadu 600130, India
Lat 12.835791°
Long 80.219043°
27/09/23 11:56 AM GMT +05:30



Resource person: Mr.Sivaprakash

Resource person: Dr.Rajesh

- The resource person advised the students in studies and life skills to participate in other activities. He also gave them an explanation of possibilities at huge companies.

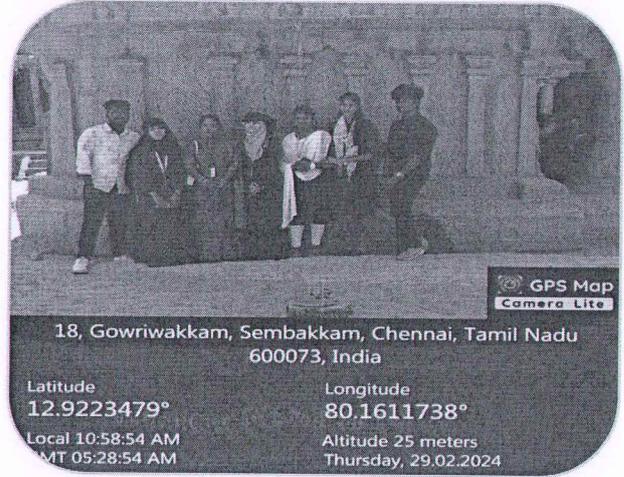
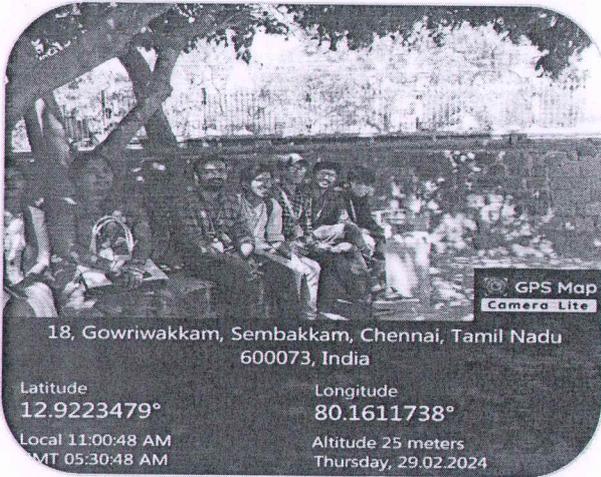
- National Service Scheme (NSS) is a next voluntary program in which young people from colleges, universities work towards creating a campus-community linkage. NSS helps the student to grow individually and also as a group. It makes the students confident, develop leadership skills, and gain knowledge about different people from different walks of life.

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DAY 14: 29.02.2024

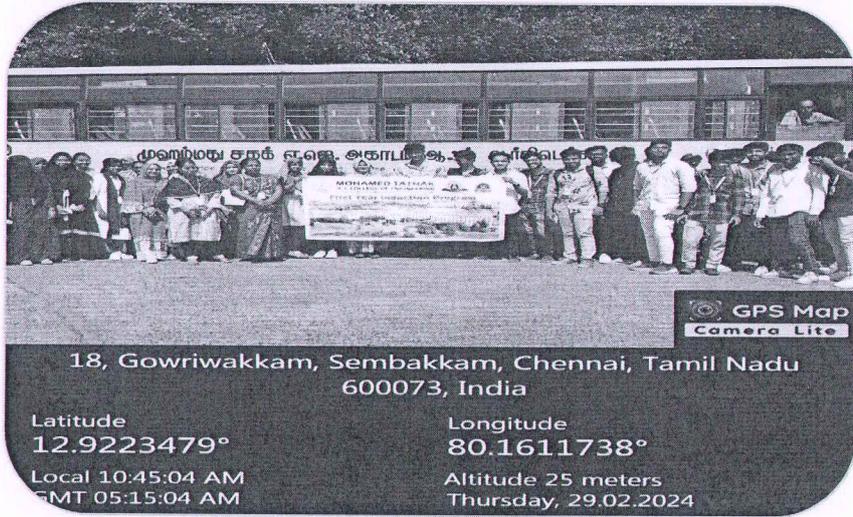
OUTING MAHABALIPURAM



- All the students were scheduled to be in 4 batches-Batch A, Batch B, Batch C, Batch D & Batch E. All the batches visited Mahabalipuram at Chengalpattu District. The ancient name of this place is Thirukadalmallai. This is the home to several architectural monuments built between the 7th and the 9th century. Mahabalipuram was at the height of its splendor and glory during the reign of Narasimhavaram and Rajsimhavaram who played an important role in building the many magnificent temples in the city as Mahabalipuram was the second capital of the Pallava kings. Legend has it that Mahabalipuram was created when Lord Vishnu killed the cruel Mahabali after a fierce battle. Formerly known as Mamallapuram, the city was renamed to its present name during the reign of Narasimharman. It is on the Coromandel Coast of the Bay of Bengal, south of Chennai, Tamil Nadu, India. The site has 40 ancient monuments and Hindu temples, including Descent of the Ganges or Arjuna's Penance.
- Students enjoyed a lot in the Mahabalipuram Elephant Statue, Sculptures in almost all the places we move, Mahabalipuram Shore Temples, Krishna's Butter Ball, Tiger Cave, Arjuna's Penance, Lion Statue, Single Stone Elephant Carving of Mahabalipuram, Buddha Statue of Mahabalipuram and many more overwhelmed and made us wonder about the skills and efficiency of our ancestors. We got a fair idea about the sculptures, carvings with detailed historical information from our guides.

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- Students enjoyed a lot in the Mahabalipuram Elephant Statue, Sculptures in almost all the places we move, Mahabalipuram Shore Temples, Krishna's Butter Ball, Tiger Cave, Arjuna's Penance, Lion Statue, Single Stone Elephant Carving of Mahabalipuram, Buddha Statue of Mahabalipuram and many more overwhelmed and made us wonder about the skills and efficiency of our ancestors. We got a fair idea about the sculptures, carvings with detailed historical information from our guides.
- We first went to Five Rathas. The architecture of the Five Rathas is done in the Dravidian style. These Rathas are the most brilliant architectural constructions. Nearby India's oldest lighthouse. King Pallava made the design and construction. It initially planned to construct in 1887, later in 1904, it was fully operable. Additionally, the 26 Meter lighthouse is visible up to a radius of 54 KM. Especially, Mamallapuram Lighthouse is one of the most visited places by foreign tourists to India. After this we went to Arjuna's Penance, Atiranachanda Cave Temple, Krishna Temple. Together we had seen a lot, learnt a lot, enjoyed a lot and were now happy to go home and relax and talk about everything that we had seen. It was a wonderful trip all together. Thanks to our college for giving such an opportunity to learn more about the Pallava dynasty and their exemplary architecture.

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PRINCIPAL:

DR.K.S.SRINIVASAN

HEAD OF THE DEPARTMENT:

PROF.DR.A.AMMU QUDSIYA

INDUCTION PROGRAM CO-ORDINATORS: MRS.K.SAIPRIYA,

MRS.S.USHA,

MR.S.SIVA PRAKASH

MRS.M.BARVEEN FATIMA

REPORT BY:

DR.M.MUTHUMARI

PRINCIPAL

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MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

LIST OF SUBJECTS OFFERED BY THE DEPARTMENT

Department of Civil Engineering

Sem: ODD

Academic Year: 2023-2024

MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING			
DEPARTMENT OF CIVIL ENGINEERING			
2023-2024/ ODD SEMESTER			
SL.N O	SUB CODE	SUBJECT	FACULTY NAME
SECOND YEAR			
1	MA3351	TRANSFORMS AND PARTIAL DIFFERENTIAL EQUATIONS	Mrs RAJALAKSHMI
2	ME3351	ENGINEERING MECHANICS	Mr S R MOHAN
3	CE3351	SURVEYING AND LEVELLING	Mr R EMILREYAN
4	CE3301	FLUID MECHANICS	Dr.PREETHY MARY
5	CE3302	CONSTRUCTION MATERIALS AND TECHNOLOGY	Mrs P KAVITHRA
6	CE3303	WATER SUPPLY AND WASTEWATER ENGINEERING	Dr R ELLISS YOGESH
THIRD YEAR			
1	CE3361	SURVEYING AND LEVELLING LABORATORY	Mr R EMILREYAN
2	CE3311	WATER SUPPLY AND WASTEWATER ANALYSIS LAB	Dr R ELLISS YOGESH
3	GE3361	PROFESSIONAL DEVELOPMENT	
THIRD YEAR			
1	CE3501	DESIGN OF REINFORCED CEMENT CONCRETE ELEMENTS	Mrs V JANAKI
2	CE3502	STRUCTURAL ANALYSIS I	Mr.VETRIVEL S.
3	CE3503	FOUNDATION ENGINEERING	Mrs.GAYATHRI
4	CE3025	AIRPORTS AND HARBOURS	Mrs P KAVITHRA
5	CE3009	CONSTRUCTION EQUIPMENT & MACHINERY	Dr R SOMESWARAN
6	CE3003	PREFABRICATED STRUCTURES	Dr.ELLISS YOESH
	MX3084	DISASTER MANAGEMENT ('0' CREDIT)	Mr.SURESH
1	CE3511	HIGHWAY ENGINEERING LAB	Mrs V JANAKI
3	CE3512	SURVEY CAMP ('0' CREDIT)	Mr R EMILREYAN
FINAL YEAR			
1	CE8071	ESTIMATION COSTING AND VALUATION ENGINEERING	Mr C NAVANEETHA KRISHNAN
2	CE8702	RAILWAYS AIRPORTS DOCKS AND HARBOUR ENGINEERING	Mrs V JANAKI
3	CE8703	STRUCTURAL DESIGN AND DRAWING	Mr R EMILREYAN
4	EN8591	MUNICIPAL SOLID WASTE MANAGEMENT	Dr.PREETHY MARY
5	OME754	INDUSTRIAL SAFETY	Dr R SOMESWARAN
6	CE8020	MAINTENANCE REPAIR AND REHABILITATION	Mrs P KAVITHRA
1	CE8711	CREATIVE AND INNOVATIVE PROJECT	Dr R SOMESWARAN
2	CE8712	INDUSTRIAL TRAINING ('0' CREDIT)	Dr R ELLISS YOGESH

Sign of the Coordinator with date
(Name & Sign)

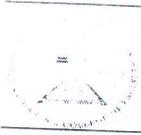
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Rev.No.: 01

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Chennai - 603103.

Sign of HoD with date
(Name & Sign)

Dr R. Someswaran
Rev.Date: 04.01.21



MOHAMED SATHAK A J COLLEGE OF ENGINEERING Chennai
603103

Format no. TLP 05
Rev.Date 12/08/2022
Rev. No. 0

LESSON PLAN - THEORY

Department of Civil Engineering

Name of the Subject	Railways, Airports, Docks and Harbour Engineering	Name of the Handling Faculty	Mrs.V.JANAKI
Subject Code	CE8702	Year / Sem	IV / VII
Acad Year	2022 - 2023	Batch	2019 - 2023

Course Objective

to introduce the students about Railways planning, design, construction and maintenance and planning design principles of airport and harbour

Course Outcome

Understand the methods of route alignment and design elements in Railway Planning and Constructions.

Understand the Construction techniques and Maintenance of Track laying and Railway stations.

Gain an insight on the planning and site selection of Airport Planning and design.

Analyze and design the elements for orientation of runways and passenger facility systems.

Understand the various features in Harbours and Ports, their construction, coastal protection works and coastal Regulations to be adopted.

Lesson Plan

Sl. No.	Topic(s)	T / R*	Periods Required	Mode of Teaching (BB / PPT / NPTEL / MOOC / etc)	Blooms Level L6)	(L1- CO	PO
		Book					
UNIT I RAILWAY PLANNING AND CONSTRUCTION							
1	Elements of permanent way	T1	1	BB	L3	CO1	PO1,PO2, PO3
2	Rails, Sleepers, Ballast, rail fixtures and fastenings, Selection of gauges	T1	1	PPT	L3	CO1	PO1,PO2, PO3
3	Track Stress, coning of wheels	T1	1	PPT	L2	CO1	PO1,PO2, PO3
4	Creep in rails, defects in rails	T1	1	BB	L3	CO1	PO1,PO2, PO3
5	Route alignment surveys	T1	1	BB	L3	CO1	PO1,PO2, PO3
6	Conventional and modern methods	T2	1	BB,PPT	L3	CO1	PO1,PO2, PO3
7	Geometric design of railway	T1	1	BB,PPT	L2	CO1	PO1,PO2, PO3
8	Gradient, super elevation, widening of gauge on curves	T2	2	BB,PPT	L2	CO1	PO1,PO2, PO3
9	Level Crossings.	T2	1	BB,PPT	L2	CO1	PO1,PO2, PO3

Suggested Activity: Assignment (Design of railways)

valuation method: Paper Based (5 Marks)

UNIT II RAILWAY CONSTRUCTION AND MAINTENANCE

10	Earthwork	T1	1	BB,PPT	L2	CO2	PO1,PO2, PO3
11	Stabilization of track on poor soil	T1	1	BB,PPT	L3	CO2	PO1,PO2, PO3
12	Track drainage	T1	1	BB,PPT	L2	CO2	PO1,PO2, PO3
13	Calculation of Materials required for track laying	T1	1	BB,PPT	L2	CO2	PO1,PO2, PO3
14	Construction and maintenance of tracks	T1	2	BB,PPT	L2	CO2	PO1,PO2, PO3
15	Railway Station and yards and passenger amenities- Signalling	T1	2	BB,PPT	L2	CO2	PO1,PO2, PO3

Suggested Activity: Assignment (Stabilization of track)

valuation method: Paper Based (5 Marks)

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Website / URL References

1	https://www.youtube.com/watch?v=3/WMS483T7Y
2	https://www.youtube.com/watch?v=LY4gXkUgK_Y
3	https://www.digimat.in/nptel/courses/video/114106025/L01.html

Blooms Level

Level 1 (L1) : Remembering	Lower Order Thinking	Fixed Hour Exams	Level 4 (L4) : Analysing	Higher Order Thinking	Projects / Mini Projects
Level 2 (L2) : Understanding			Level 5 (L5) : Evaluating		
Level 3 (L3) : Applying			Level 6 (L6) : Creating		

Mapping syllabus with Bloom's Taxonomy LOT and HOT

Unit No	Unit Name	L1	L2	L3	L4	L5	L6	LOT	HOT	Total
Unit 1	RAILWAY PLANNING AND CONSTRUCTION		5	5				10		10
Unit 2	RAILWAY CONSTRUCTION AND MAINTENANCE		7	1				8		8
Unit 3	AIRPORT PLANNING		6	1				7		7
Unit 4	AIRPORT DESIGN		3	7				10		10
Unit 5	HARBOUR ENGINEERING		1	9				10		10
Total			22	23				45		45
Total Percentage			48.89	51.11				100.00		100

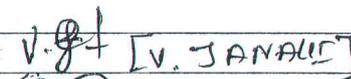
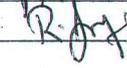
CO PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	3										2	2
CO2	3	2	3										2	2
CO3	3	2	3										2	2
CO4	3	2	3										2	2
CO5	3	2	3										2	2
Avg	3.00	2.00	3.75										2.00	2.00

Justification for CO-PO mapping

CO1	PO1: Engineering Knowledge: Apply Elements of permanent way Rails, Sleepers, Ballast, rail fixtures and fastenings, Selection of gauges. PO2 :Problem analysis: Identify Track Stress, coning of wheels, creep in rails, defects in rails Route alignment surveys, conventional and modern methods. PO3:Design Development of solution: Design Geometric design of railway, gradient, super elevation, widening of gauge on curves- Level Crossings.
CO2	PO1: Engineering Knowledge: Apply Earthwork, Stabilization of track on poor soil PO2 :Problem analysis: Identify/Track drainage Calculation of Materials required for track laying - Construction and maintenance of tracks PO3:Design Development of solution: Design Railway Station and yards and passenger amenities, Signalling
CO3	PO1 :Engineering Knowledge: Apply Air transport characteristics - PO2 :Problem analysis: Identify airport classification – ICAO - PO3:Design Development of solution: Design airport planning: Site selection typical Airport Layouts, Case Studies, parking and Circulation Area
CO4	PO1: Engineering Knowledge: Apply Runway Design: Orientation, Wind Rose Diagram, Problems on basic and Actual Length PO3:Design Development of solution: Design Geometric Design – Elements of Taxiway Design – PO2 :Problem analysis: Identify Airport Zones – Passenger Facilities and Services – Runway and Taxiway Markings
CO5	PO1: Engineering Knowledge: Apply Definition of Basic Terms: Harbour, Port, Satellite Port, Docks, Waves and Tides PO3:Design Development of solution: Design Planning and Design of Harbours, Harbour Layout and Terminal Facilities – Coastal Structures: Piers, Break waters, Wharves, Jetties, Quays, Spring Fenders, Dolphins and Floating Landing Stage – Inland Water Transport – PO2 :Problem analysis: Identify Wave action on Coastal Structures and Coastal Protection Works – Coastal Regulation Zone, 2011

3	High level	2	Moderate level	1	Low level
---	------------	---	----------------	---	-----------

Name & Sign of Faculty Incharge	 V. JANALI
Name & Sign of Subject Expert	
Head of the Department	

Format No :231


PRINCIPAL
 Mohamed Sathak A.J. College of Engineering
 No.34, Rajiv Gandhi Salai (OMR)
 Sipcot - IT Highway Egattur,
 Chennai - 603103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

CLASS TIMETABLE - 0 D D

Version No:		With effect from:	11.09.2023
Academic year:	2023 - 2024	Degree/Branch:	B.E. / CIVIL
Department:	Civil Engineering	Semester:	III
Year / Sem / Section:	II / III	Room No:	SF 320
Name of the CA:	Mrs. A. Preethy Mary/ Mr. S. Vetrivel	Class Strength:	4

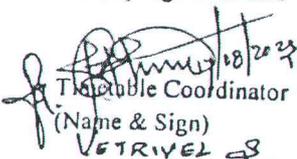
Period/ Day	1	2	9.55- 10.10 AM TEA BREAK	3	4	5	12.40- 1.40 PM LUNCH BREAK	6	7
	8.15 - 9.05 AM	9.05-9.55 AM		10.10-11.00 AM	11.00-11.50 AM	11.50-12.40 PM		1.40- 2.30PM	2.30- 3.20PM
MON	CE3301 FM	CE3302 CMT		CE3303 WWE	CE3351 SUR	MA3351 TPDE		ME3351 EM	CE3303 WWE
TUE	MA3351 TPDE	CE3302 CMT		CE3351 SUR	CE3351 SUR	CE3302 CMT		CE3303 WWE	CE3303 WWE
WED	MA3351 TPDE	CE3301 FM		CE3351 SUR	ME3351 EM	CE3301 FM		CE3361 Survey Lab	
THU	CE3303 WWE	ME3351 EM		TCC				MA3351 TPDE	ME3351 EM
FRI	CE3302 CMT	CE3303 WWE		MA3351 TPDE	ME3351 EM	CE3301 FM		CE3311 WWWE Lab	

THEORY & LABORATORY DETAILS:

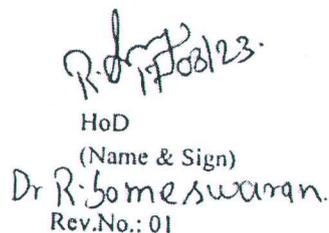
S.No	Subject Code	Name of the Subject	Name of the Faculty	Dept	No. of Hours per Week				
					L	T	P	O	Total
1	MA3351	Transforms and Partial Differential Equations	Ms. S.Rajalakshmi	S & H	5	1	0	0	5
2	ME3351	Engineering Mechanics	Mr. S. R. Mohan	Mech	5	0	0	0	5
3	CE3301	Fluid Mechanics	Mrs. N. Gayathri	Civil	4	0	0	0	4
4	CE3302	Construction Materials and Technology	Mrs. P. Kavithra	Civil	4	0	0	0	4
5	CE3303	Water Supply and Wastewater Engineering	Dr. R. Elliss Yogesh	Civil	6	0	0	0	6
6	CE3351	Surveying and Levelling	Dr. M.Vignesh Kumar	Civil	4	0	0	0	4
LABORATORY									
1	CE3361	Surveying and Levelling Laboratory	Dr. M.Vignesh Kumar / Mr. C. Navaneetha Krishan	Civil	0	0	2	0.0	2
2	CE3311	Water and Wastewater Analysis Laboratory	Dr. R. Elliss Yogesh / Mrs. N. Gayathri	Civil	0	0	2	0.0	2
OTHERS									
1	TCC	Auto CADD	Mr. C. Navaneetha Krishan	Civil	0	0	3	0	3

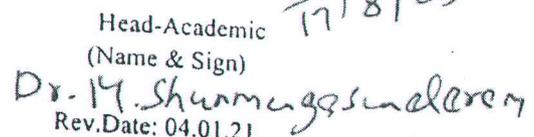
Note: L-Lecture, T-Tutorial, P-Practical, O-Other

*Kindly sign with date


Table Coordinator
(Name & Sign)
VETRIVEL

Format No.: TLP 07


HoD
(Name & Sign)
Dr. R. Someswaran.
Rev.No.: 01


Head-Academic
(Name & Sign)
Dr. M. Shanmugasundaram
Rev.Date: 04.01.21

PRINCIPAL

Mohamed Sathak A.J. College of Engineer
No.34, Rajiv Gandhi Satalai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

CLASS TIMETABLE

Version No:		With effect from:	18.08.2023
Academic year:	2023 - 2024	Degree/Branch:	B.E. / CIVIL
Department:	Civil Engineering	Semester:	V
Year / Sem / Section:	III / V	Room No:	SF 321
Name of the CA:	Mrs. P. Kavithra / Mrs.N.Gayathri	Class Strength:	5

Period/D ay	1	2	9.55- 10.10 AM TEA BREAK	3	4	5	12.40- 1.40 PM LUNCH BREAK	6	7
	8.15 - 9.05 AM	9.05-9.55 AM		10.10-11.00 AM	11.00-11.50 AM	11.50-12.40 PM		1.40- 2.30PM	2.30- 3.20PM
MON	CE3009 CEM	CE3003 PS		CE3502 SA I	CE3501 DRCSE	MX3084 DRRM		CE3025 AH	CE3503 FE
TUE	CE3501 DRCSE			CE3025 AH	CE3009 CEM	CE3003 PS		CE3502 SA I	
WED	CE3003 PS	CE3501 DRCSE		TCC				CE3511 HE Lab	
THU	CE3502 SA I	CE3003 PS		CE3503 FE	CE3009 CEM	CE3025 AH		CE3025 AH	CE3009 CEM
FRI	CE3503 FE	MX3084 DRRM		CE3501 DRCSE		CE3502 SA I		CE3503 FE	MX3084 DRRM

THEORY & LABORATORY DETAILS:

S.No	Subject Code	Name of the Subject	Name of the Faculty	Dept	No. of Hours per Week				
					L	T	P	O	Total
1	CE3501	Design of Reinforced Concrete Structural Elements	Mrs. V. Janaki	Civil	6	0	0	0	6
2	CE3502	Structural Analysis I	Mr. S. Vetrivel	Civil	5	0	0	0	5
3	CE3503	Foundation Engineering	Mrs. N. Gayathri	Civil	4	0	0	0	4
4	CE3003	Prefabricated Structures	Mrs. A. Preethy Mary	Civil	4	0	0	0	4
5	CE3009	Construction Equipment and Machinery	Dr. R. Elliss Yogesh	Civil	4	0	0	0	4
6	CE3025	Airports and Harbours	Mrs. P. Kavithra	Civil	4	0	0	0	4
7	MX3084	Disaster Risk Reduction and Management	Mr. Suresh	Mech	3	0	0	0	3
LABORATORY									
1	CE3511	Highway Engineering Laboratory	Mrs. P. Kavithra / Mrs. A. Preethy Mary	Civil	0	0	2	0	2
OTHERS									
1	TCC	Revit Architecture (BIM)	Mrs. V. Janaki	Civil	0	0	3	0	3

Note: L-Lecture, T-Tutorial, P-Practical, O-Other

*Kindly sign with date

P. Kavithra
17/8/23
Timetable Coordinator
(Name & Sign)

Mrs. P. Kavithra
Format No.: TLP 07

R. Someswarar
HoD
(Name & Sign)
Dr. R. Someswarar
Rev.No.: 01

PRINCIPAL

M. L. Sundaram
17/8/23
Head-Academic
(Name & Sign)

Dr. M. Shunmuga Sundaram
Rev.Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

CLASS TIMETABLE

Version No:		With effect from:	18.08.2023
Academic year:	2023 - 2024	Degree/Branch:	B.E. / CIVIL
Department:	Civil Engineering	Semester:	VII
Year / Sem / Section:	IV/ VII	Room No:	SF 322
Name of the CA:	Mrs. V. Janaki / Mr. C.Navaneetha Krishnan	Class Strength:	17

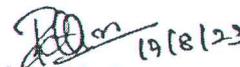
Period /Day	1	2	9.55-10.10 AM TEA BREAK	3	4	5	12.40-1.40 PM LUNCH BREAK	6	7
	8.15 - 9.05 AM	9.05-9.55 AM		10.10-11.00 AM	11.00-11.50 AM	11.50-12.40 PM		1.40-2.30PM	2.30-3.20PM
MON	CE8703 SDD	CE8702 RADHE		OME754 IS	CE8711 CIP			CE8701 ECVE	CE8702 RADHE
TUE	OME754 IS	CE8703 SDD		CE8701 ECVE		CE8702 RADHE		COE Staad Pro	
WED	CE8701 ECVE	OME754 IS		CE8703 SDD	CE8703 SDD	CE8711 CIP		CE8711 CIP	CE8701 ECVE
THU	CE8702 RADHE	CE8701 ECVE		CE8703 SDD		CE8702 RADHE		CE8701 ECVE	OME754 IS
FRI	OME754 IS	CE8702 RADHE		COE Staad Pro		LIB		CE8703 SDD	

THEORY & LABORATORY DETAILS:

S.No	Subject Code	Name of the Subject	Name of the Faculty	Dept	No. of Hours per Week				
					L	T	P	O	Total
1	CE8701	Estimation, Costing and Valuation Engineering	Mr. C. Navaneetha Krishnan	Civil	7	0	0	0	7
2	CE8702	Railways, Airports, Docks and Harbour Engineering	Mrs. V. Janaki	Civil	6	0	0	0	6
3	CE8703	Structural Design and Drawing	Mrs. A. Preethy Mary	Civil	8	0	0	0	8
4	OME754	Industrial Safety	Dr. R. Someswaran	Civil	5	0	0	0	5
LABORATORY									
1	CE8711	Creative and Innovative Project	Dr. R. Someswaran/ Dr. R. Elliss Yogesh	Civil	0	0	4	0	4
OTHERS									
1	TCC	Stadd Pro	Mrs. N. Gayathri	Civil	0	0	4	0	4
2		LIB	Mrs. A. Preethy Mary		0	0	0	1	1

Note: L-Lecture, T-Tutorial, P-Practical, O-Other

*Kindly sign with date


19/8/23
Timetable Coordinator
(Name & Sign)
Mrs. P. Kavithra

Format No.: TLP 07


HoD
(Name & Sign)
Dr. R. Someswaran.


PRINCIPAL
Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (Old)
Sipcot - IT Highway Egam
Chennai - 603103.


Head-Academic
(Name & Sign)
Dr. M. Shunmugasunderam

Rev.No.: 01
Rev.Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

CLASS TIMETABLE

Version No	I	With effect from:	04.03.2024
Academic year	2023-2024	Degree/Branch	BE/CIVIL
Department	CIVIL ENGINEERING	Semester:	IV
Year Sem	II IV	Room No:	320
Name of the CA		Class Strength:	4

Period/Day	1	2	3	10.30-10.45 AM TEA BREAK	4	5	6	1.00-1.50 PM LUNCH BREAK	7	8
	8.15-9.00 AM	9.00-09.45 AM	09.45-10.30 AM		10.45-11.30 AM	11.30-12.15 PM	12.15-1.00 PM		1.50-2.35 PM	2.35-3.20 PM
D1	S1 S4		S3 S6		Tech.Seminar	S2/S5			Lab1/Lab2	
D2	S3 S6		S2/S5		CT S2/S5	Aptitude Training			S1/S4	
D3	S3 S6		S2/S5		CT S3/S6	Lab1/Lab2			S2/S5	
D4	S1 S4		S3 S6		CT S1/S4	Seminar by Expert			Lab1/Lab2	
D5	S2 S5	Soft skill Training			S3/S6	S1/S4			Lab3	

THEORY & LABORATORY DETAILS:

S.No	Subject Code	Name of the Subject	Name of the Faculty	Dept	No. of Hours per Week				
					L	T	P	O	Total
S1	CE 3404	Soil Mechanics	Mrs P Deebika	Civil	8	0	0	1	9
S2	CE 3405	Highway and Railway Engineering	Dr M Vigneshkumar	Civil	8	0	0	1	9
S3	CE 3407	Concrete Technology	Dr R Elliss Yogesh	Civil	6	0	0	1	7
S4	CE 3401	Applied Hydraulics Engineering	Mr R Vignesh	Civil	8	0	0	1	9
S5	CE 3402	Strength of Materials	Dr. A Preethy Mary	Civil	8	0	0	1	9
S6	GE 3451	Environmental Sciences and Sustainability	Dr.A.Suvitha	H&S	6	0	0	1	7

LABORATORY

Lab	Code	Name of the Laboratory	Name of the Faculty	Dept	L	T	P	O	Total
Lab1	CE 3412	Materials Testing Laboratory	Mr S Vetrivel	Civil	0	0	6	0	6
Lab2	CE 3411	Hydraulic Engineering Laboratory	Dr M Vigneshkumar	Civil	0	0	6	0	6
Lab3	CE 3413	Soil Mechanics Laboratory	Dr R.Someswaran	Civil	0	0	2	0	2

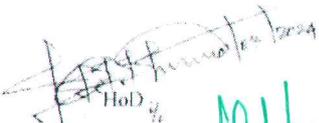
IERS

Code	Name of the Activity	Name of the Faculty	Dept	L	T	P	O	Total
O1	Soft Skill Training	Mr Babu Charles Earnest	P & T	0	0	0	2	2
O2	Aptitude Training	Mr V Vigneshwaran	P & T	1	1	0	0	2
O3	Technical Seminar	Mrs P Deebika	Civil	0	0	0	1	1
O4	Seminar by Expert	Mr R Vignesh	Civil	0	0	0	2	2

Note: L-Lecture, T-Tutorial, P-Practical, O-Other

*Kindly sign with date


 Timetable Coordinator
 (Name & Sign)
C.VENKATESH


 HoD
 (Name & Sign)
(VIGNESH)


 Head-Academics
 (Name & Sign)

PRINCIPAL
 Mohamed Sathak A.J. College of Engineering
 No.34, Rajiv Gandhi Salai (OMR)
 Sipcot - IT Highway Egattur,
 Chennai - 603103. Rev Date 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

CLASS TIMETABLE

Version No:	II	With effect from:	19.02.2024
Academic year:	2023-2024	Degree/Branch:	BE/CIVIL
Department:	CIVIL ENGINEERING	Semester:	VI
Year / Sem:	III / VI	Room No:	
Name of the CA:		Class Strength:	5

Period/Day	1	2	3	10.30-10.45 AM TEA BREAK	4	5	6	1.00-1.50 PM LUNCH BREAK	7	8
	8.15-9.00 AM	9.00-09.45 AM	09.45-10.30 AM		10.45-11.30 AM	11.30-12.15 PM	12.15-1.00 PM		1.50-2.35 PM	2.35-3.20 PM
D1	S1/S4		S3/S6		S1/S4 - CT	S2/S5			Lab1/S7	
D2	S2/S5		MC		S2/S5 - CT	Aptitude Training			S1/S4	
D3	S1/S4		S1/S4		S3/S6 - CT	Lab1/S7			S3/S6	
D4	S3/S6		S2/S5		S2/S7CT	Seminar by Expert			Lab1/S7	
D5	S1/S4	Soft Skill Training			MC	S3/S6			S2/S5	

THEORY & LABORATORY DETAILS:

S.No	Subject Code	Name of the Subject	Name of the Faculty	Dept	No. of Hours per Week				
					L	T	P	O	Total
S1	CE3601	Design of Steel Structural Elements	Mr.C Navaneetha Krishnan	Civil	8	0	0	1	9
S2	OCS352	IoT Concepts & Applications	Mrs. S. Priyadharshini	ECE	6	0	2	1	9
S3	AG3601	Engineering Geology	Dr.R.Elliss Yogesh	Civil	7	0	0	1	8
S4	CE3602	Structural Analysis	Mr.S.Vetrivel	Civil	8	0	0	1	9
S5	CE3007	Introduction to FEM	Dr. A Preethy Mary	Civil	7	0	0	1	8
S6	CE3033	Solid & Hazardous Waste Management	Dr. R. Someswaran	Civil	7	0	0	1	8
S7	CE3022	Remote Sensing Concepts	Dr. M. Vignesh Kumar	Civil	6	0	0	1	7
MC	MX3089	Industrial Safety (MC)	Mr.M.Suresh	Mech	2	0	0	0	2
LABORATORY									
Lab1	CE3611	Building Drawing & Detailing Lab	Dr.A.Preethy Mary	Civil	0	0	6	0	6
OTHERS									
O1		Soft Skill Training	Mrs.Kavitha N.	P & T	0	0	0	2	2
O2		Aptitude Training	Mr.P.Shanmugaselvam / Mr.V Vigneshwaran	P & T	1	1	0	0	2
O3		Seminar by Expert			0	0	0	2	2

Note: L-Lecture, T-Tutorial, P-Practical, O-Other

*Kindly sign with date

(V. Vigneshwaran)
 Timetable Coordinator
 (Name & Sign)

(V. Vetrivel S.)
 HOD i/c
 (Name & Sign)

(M. Shanmugasundaram)
 Head-Academic
 (Name & Sign)

Format No.: TLP 07

Rev No.: 01

Rev.Date: 04.01.21

(Signature)

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
 No.34, Rajiv Gandhi Salai (OMR)
 Sport - IT Highway Egattur,
 Chennai - 603103.

CLASS TIMETABLE

Version No		With effect from	03-01-2024
Academic year	2023 - 2024	Degree / Branch	B.E. / CIVIL ENGINEERING
Department	CIVIL ENGINEERING	Semester	VIII
Year / Sem / Section	IV/ VIII	Room No	SF 319
Name of the Mentor		Class Strength	16

Period / Day	1	2	10.15-10.30 AM TEA BREAK	3	4	12.30-1.40 PM LUNCH BREAK	5	6
	8.15 - 9.15 AM	9.15-10.15 AM		10.30-11.30 AM	11.30-12.30 AM		1.40-2.30PM	2.30-3.20PM
MONDAY	GE8076 Professional Ethics in Eng.			CE8020 Maintenance Repair and Rehabilitation of Structures			CE8811 Project Work	
TUESDAY	CE8020 Maintenance Repair and Rehabilitation of Structures			GE8076 Professional Ethics in Eng.			CE8811 Project Work	
WEDNESDAY	GE8076 Professional Ethics in Eng.			CE8020 Maintenance Repair and Rehabilitation of Structures			CE8811 Project Work	
THURSDAY	CE8020 Maintenance Repair and Rehabilitation of Structures			GE8076 Professional Ethics in Eng.			CE8811 Project Work	
FRIDAY	GE8076 Professional Ethics in Eng.			CE8020 Maintenance Repair and Rehabilitation of Structures			CE8811 Project Work	

THEORY & LABORATORY DETAILS:

S No	Subject Code	Name of the Subject	Name of the Faculty	No. of Hours per Week					
				L	T	P	O	Total	
1	GE8020	Maintenance Repair and Rehabilitation of Structures	Mr. Vignesh R.	Civil	10	0	0	0	10
2	GE8076	Professional Ethics in Engineering	Mr. Sunilkumar K.	Mech	10	0	0	0	10

LABORATORY

1	CE8811	Project Work	Dr. Someswaran R. Dr. Elliss Yogesh R	Civil	0	0	10	0	10
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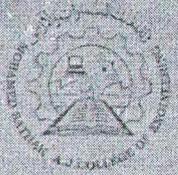
Note : L-Lecture, T-Tutorial, P-Practical, O-Other

*Kindly sign with date

R. S. R.
30/12/23
Timetable Coordinator
(Dr. Someswaran R.)

[Signature]
20/12/23
HoD i/c
(Mr. Vetrivel S.)

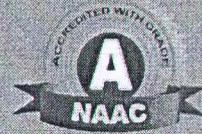
M. V.
20/12/23
Head-Academic
(Dr. Shunmugasundaram M.)



MOHAMED SATHAK

A.J. COLLEGE OF ENGINEERING

34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603 103.

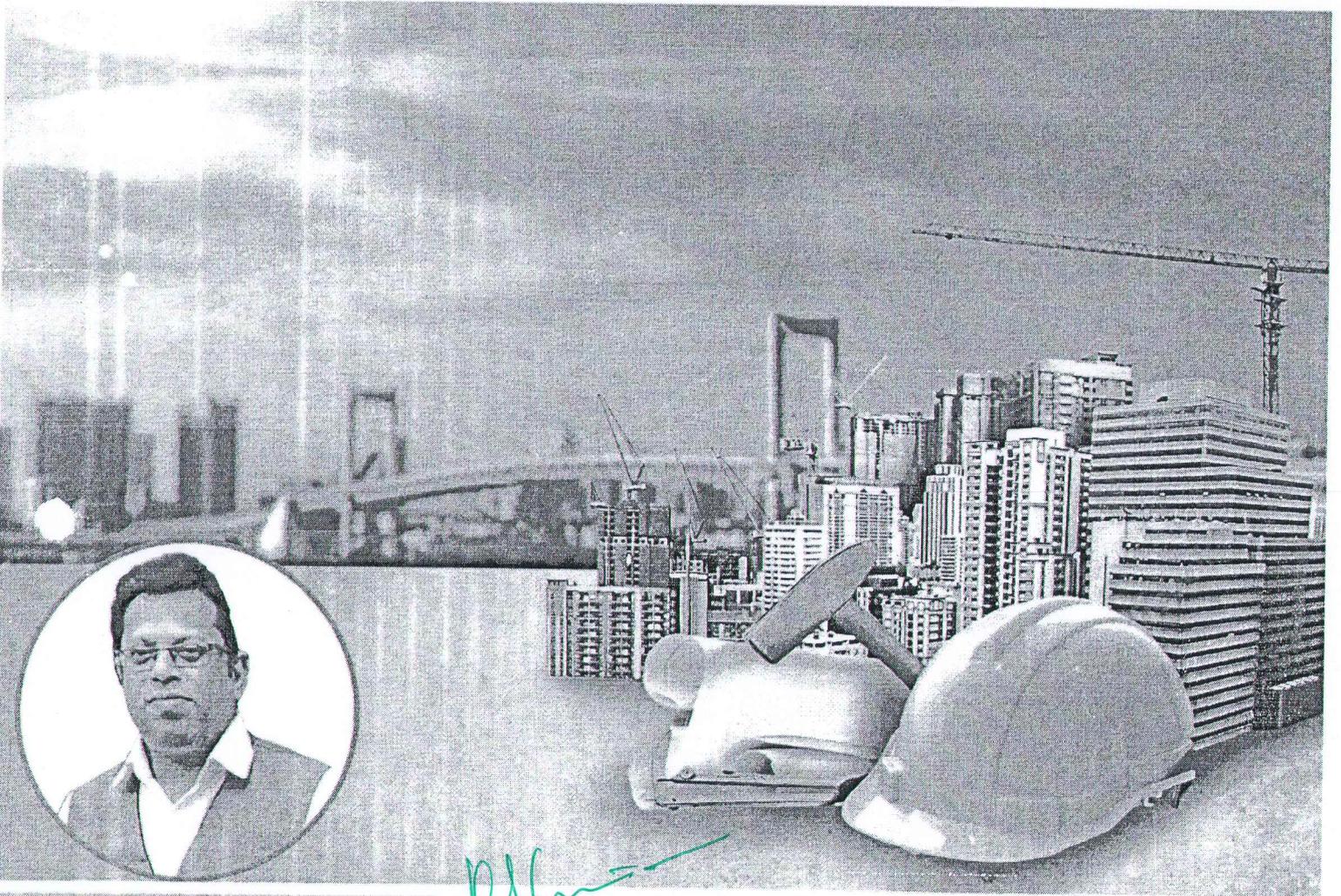


**Department of
Civil Engineering
Organizes**

Guest Lecture

on

Failure Mechanisms in Building Construction (Causes & Remedies)



Handwritten signature

Er. E. Srinivasan

President of
Chennai Civil Engineering Association

PRINCIPAL

2nd September 2023

Mohamed Sathak A.J. College of Engineering
34, Rajiv Gandhi Salai (OMR)
Siruseri - IT Highway Egattur,
Chennai - 603103.

Date

Time
11:00 am - 12:40 pm

Venue
BIM LAB (204)

Convenors

Dr. R. Someswaran, HOD / CIVIL

Co-ordinator

Mrs. V. Janaki, HOD / CIVIL



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



From
The HOD,
Department of Civil Engineering,
MSAJCE.

To
The Principal,
MSAJCE,
Chennai.

Permitted as per norms
dm
31/08/23

Respected Sir,

Sub: Guest Lecture on "Failure Mechanisms in Building Construction (Causes and Remedies)" – Reg.

With reference to the above subject, the department wishes to organise a Guest Lecture on the topic "Failure Mechanisms in Building Construction (Causes and Remedies)" on 02-09-2023 at 11.00am to 12.40pm, Venue-BIM LAB (204). The session will be handled by Er.E.Srinivasan, President of Chennai Civil Engineering Association(CHECEA). So I kindly request you to grant permission to organise the above mentioned event.

Thanking You

R. J. J. 30/08/23

Yours Sincerely,

Place: MSAJCE
Date: 30-08-2023

Ushini

PRINCIPAL
Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



Ref.No: MSAJCE/ CIVIL/ODD/2023-2024

DATE: 01-09-2023

CIRCULAR

It is hereby informed that Department of Civil Engineering is organizing a guest lecture on the topic “**Failure Mechanism in Building Construction (Causes and Remedies)**” on 02-09-2023 at 11.00am. All students and faculty members are requested to participate in this event.

Resource Person: Er.E.Srinivasan,

**Regional Secretary of Federation of All Civil Engineers
Association of Tamilnadu, President of Chennai Civil
Engineering Association.**

Venue : BIM Lab (204)

R. Srinivasan
01/09/2023

HoD

Copy to:

All HoDs
IQAC

[Signature]

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

- Compose
- Mail
 - Inbox 3
 - Starred
 - Chat
 - Snoozed
 - Sent
 - Spaces
 - Drafts 17
 - More
- Meet
- Labels

Guest Speaker for Guest lecture on "Failure Mechanisms in Building Construction(Causes and Remedies)-Reg



Mrs. V. JANAKI Asst.Prof - CIVIL <civil.janaki@ms...> Fri, Sep 1, 12:42 PM (1 day ago)
to tetraengineers@gmail.com

Department Civil Engineering at Mohamed Sathak AJ College of Engineering has planned to conduct a Guest lecture on " Failure Mechanisms in Building Construction(Causes and Remedies)"on 02-09-2023. In this Reg I would like to invite you to be our guest speaker for the event. We very much look forward to your response. Thank you.

Reply Forward

PRINCIPAL
Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

Guest Profile:

ER.E.SRINIVASAN

No. 31, Nehru Nagar, G.S.T. Main Road,
Kadaprei (Opp. Saravana Thanga Maligai)
Thambaram West, Chennai - 600045, Email
: tetraengineers@gmail.com
Mobile: 8778819135



- **Regional Secretary of Federation of All Civil Engineers Association of Tamilnadu**
- **President of Chennai Civil Engineering Association.**
- **Proprietor of Tetra Construction**



PRINCIPAL
Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Satai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

Mohamed Sathak AJ College of Engineering
Department of Civil Engineering
Report on Guest lecture on “Failure Mechanisms in Building Construction
(Causes and Remedies)

Department	Civil Engineering	
Type of Event	Guest Lecture	
Event Title	Failure Mechanisms in Building Construction(Causes and Remedies)	
Date & Time	02-09-2023 & 11am to 12.40pm	
Venue/Mode	BIM Lab (Room. 204)	
Organizer	Civil Department	
Coordinator	Mrs. V.Janaki,Assistant Professor/Civil	
Profile of the Chief Guest	Name of the Guest Speaker(s)	Er.E.Srinivasan President of Chennai Civil Engineering Association, Regional Secretary of Federation of All Civil Engineers Association of Tamilnadu
Write-up on Event	<p>Department of Civil Engineering from Mohamed Sathak AJ College of Engineering Organized a Guest lecture on “Failure Mechanism in Building Construction (Causes and Remedies) in Room No 204(BIM Lab) at 11.00am, Students and staff from Civil Department has participated the event.</p> <p>Dr.R.Someswaran / HoD-Civil welcomed and honoured the Chief Guest Er.E.Srinivasan Regional Secretary of Federation of All Civil Engineers Association of Tamilnadu, President of Chennai Civil Engineering Association and Mrs.V.Janaki AP/Civil Delivered the Welcome Address.Then the session was handover to the chief guest.</p> <p>Er.E. Srinivasan sir has shared his professional experience as well as his strategies for resolving building issues. He discussed the significance of building violations and the issues that might arise when minor carelessness leads to serious issues with a structure.</p> <p>An interactive session followed the lecture, allowing the audience to ask questions and engage in discussions. This proved to be a valuable opportunity for knowledge exchange. The Student provided positive feedback about the guest lecture, praising the lecturer's expertise and engaging presentation style.</p> <p>We would like to express our gratitude to Er.E.Srinivasan sir for sharing their expertise and knowledge with us. We also thank the students for their active participation.</p>	



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Chennai - 603103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING , Chennai-603 103

VISITOR FEEDBACK

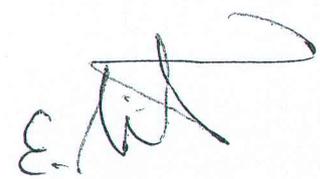
Department: CIVIL ENGINEERING

Academic Year: 2023-2024

Name of the Guest	Mr. E. SRINIVASAN
Organization Details	CHENNAI CIVIL ENGINEERING ASSOCIATION
Mail id & Contact no.	ketraconstruction@gmail.com / 8778819134
Purpose of Visit	GL / Seminar / Workshop / Conference / R&D / FDP / External Examiner / AUR / Management / Cultural / others
Beneficiary- Department / Year - if applicable	CIVIL
Date of Visit	02/09/2023
How would you rate the student Interaction	Excellent / Good / Average <input checked="" type="checkbox"/>
How would you rate the faculty Interaction(if any)	Excellent / Good / Average <input checked="" type="checkbox"/>
Comments on facilities of the college	- Well Equipped Workshops & Computer labs - Extensive Library Resources.
General Remarks	- Provide diverse learning opportunities.
Scope for Collaborative work with your organisation	Industrial Visit, Internship 
Area in which collaborative work can be done	Construction and Management

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No.34, Rajiv Gandhi Salai (OMR)
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Chennai - 603103

V. Janaki 21/9/23
[V. JANAKI]
Name & Signature of Coordinator


Signature of Guest

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: CIVIL

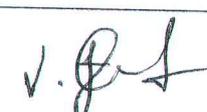
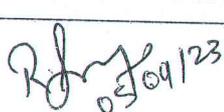
Academic Year: 2023-24

Name of the Student	Musthafa
Year/Sem	4 / VI
Name of the Guest	Brinivasan
Name of the Institution/ University/ Industry/R&D Organization.	MSAICC
Event	GL/Seminar/Workshop/Conference/Others
Date of Event	02/9/23
Was the session Useful?	Yes
Expert Interaction	Excellent / Good / Average
Whether the lecture was related to Subject ? If yes mention the subject	subject and career
Brief Summary/Report of the topic	Reality of civil engineering after degree Musthafa
General Remarks	80 PRINCIPAL Mohamed Sathak A.J. College of Engineering No.34, Rajiv Gandhi Salai (OMR) SIPCOT - IT Highway Egattur, Chennai - 603103.

Signature of Student



Students Gathered for the Guest Lecture on “Failure Mechanism in Building Construction(Causes and Remedies)

Prepared By :	Reviewed/Forwarded by:
Signature : 	
Name : Mrs. V. Janaki	Dr. R. Someswaran
Designation : Assistant Professor/Civil	HoD/Civil
Date : 05-09-2023	05-09-2023



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No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
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MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603 103.

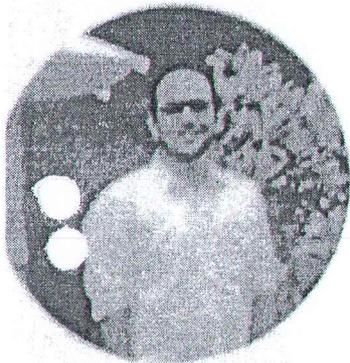


Department of Mechanical Engineering,
Civil Engineering, Electrical & Electronics Engineering and Alumni Association
Jointly Organize

Seminar on Overview of Supply Chain Management and Procurement

Date: 02/09/2023 Time: 01:40 am to 03:20 pm

Venue: Lilly Hall, MSAJCE



Resource Person:

Mr. Mohammed Umar Farook B,
(Alumni MSAJCE - 2014-2018)

KK Wind Solutions India Private Limited
Chennai.

Convenor

Dr. M Shunmugasundaram,
Head- Academics & Mech
Dr. J. Jeha, Head - EEE
Dr.R Someshwaran, Head - Civil

Co-ordinator

Mr.D Sakthivel, AP/Mech
Mr.Chinatala Venkatesh, AP/EEE
Mrs. P. Kavithra, AP/Civil



PRINCIPAL

91-994000 4500 / 044-27470024

msajce.office@gmail.com

www.msajce-edu.in



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.)



01.09.23

MSAJCE

From

Mr. D. Sakthivel
Assistant Professor
Department of Mechanical Engineering
MSAJCE

To

The Principal
MSAJCE

Respected Sir,

Sub: Permission to conduct the seminar on 02.09.23 – Reg.

Signature

20/9/23

We are planning to conduct a seminar on “Overview of Supply Chain Management and Procurement” on 02.09.23 (Saturday) from 01.40-03.20 PM by Mr. Mohamed Umar Farook B. senior Engineer at K K Wind Solution India Private Limited Chennai. So I kindly request you to give the permission to conduct the event and sanction the honorarium amount of Rs.2000 for the guest. Kindly do the needful

Thanking you

Yours sincerely

D. Sakthivel 1/9/23

Signature

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.37, Rajiv Gandhi Salai (OMR)
Sector - IT Highway, Egattur,
Chennai - 603103.



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

Sponsored by : Mohamed Sathak Trust,
34, Rajiv Gandhi Road, (OMR), IT Highway Siruseri, Egattur, Chennai - 603 103.

CASH VOUCHER

Date : 02.09.2023

Debit Mr. Sakshivel, Dept of mech - Suspense A/c AI

the sum of Rupees Two Thousand only

being Cash paid to Mr. Md Umar Perook.B - Chief Guest

forwards honorarium for Seminar - overview of

Supply chain mgt & programme

on 02.09.23
Dept of civil, mech & EEE

Rs. 2000/-

Passed for Payment

Prepared by

Principal

Administrative Officer

Receiver's Signature

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No. 34, Rajiv Gandhi Salai (OMR)
Siruseri - IT Highway Egattur,
Chennai - 603103.

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: *Mechanical*

Academic Year: *2020-21*

Name of the Student	<i>T. Arun</i>
Year/Sem	<i>IV / VII</i>
Name of the Guest	<i>Mr. Mohammed Umar Farook</i>
Name of the Institution University/ Industry R&D Organization	<i>ka veed solutions india private Limited</i>
Event	<i>GL/Seminar/Workshop/Conference/Others</i>
Date of Event	<i>02/04/23</i>
Was the session Useful?	<i>Yes</i>
Expert Interaction	<i>Excellent / Good / Average</i>
Whether the lecture was related to Subject? If yes mention the subject	<i>NO</i>
Brief Summary/Report of the topic	<i>This session is very useful to me. otherwise no remarks of this session.</i>
General Remarks	<i>NO</i>

[Handwritten Signature]

PRINCIPAL

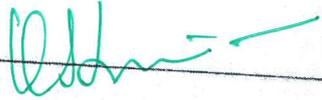
Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

[Handwritten Signature]
Signature of Student
Rev. Date: 04.01.21

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: MECHANICAL

Academic Year: 2023-24

Name of the Student	<u>SALMAN. S / FATHEEN / ANAS / HAFEEZ</u>
Year/Sem	<u>IV / 7th</u>
Name of the Guest	<u>Umar Farooq</u>
Name of the Institution/ University/ Industry/R&D Organization.	<u>MSAJCE</u>
Event	<input checked="" type="checkbox"/> GL/Seminar/Workshop/Conference/Others
Date of Event	<u>02/09/23</u>
Was the session Useful?	<u>YES.</u>
Expert Interaction	Excellent <input checked="" type="checkbox"/> / Good / Average
Whether the lecture was related to Subject? If yes mention the subject	<u>YES and Apart from that they also share more about jobs and courses</u>
Brief Summary/Report of the topic	<u>Lecture was good and interesting</u>
General Remarks	

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Chennai - 603103.

STUDENT FEEDBACK ON QL / SEMINAR / WORKSHOP

Department: EEE

Academic Year: 2023

Name of the Student	<u>K. Anand</u>
Year/Sem	<u>IV / VIIth</u>
Name of the Guest	<u>Mohamed UMAR</u>
Name of the Institution/ University/ Industry/R&D Organization	<u>MSAJLE</u>
Event	<u>QL/Seminar/Workshop/Conference/Others</u>
Date of Event	<u>02.09.23</u>
Was the session Useful?	<u>Very useful</u>
Expert Interaction	<u>Excellent / Good / Average</u>
Whether the lecture was related to Subject? If yes mention the subject	<u>Yes. Manuf Manufacturing, Quality</u>
Brief Summary/Report of the topic	<u>It is very useful. Manufacturing and Quality in the domain are classification of domain.</u>
General Remarks	<u>Nothing</u>

(Handwritten signature in green ink)

PRINCIPAL
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Sipcot - IT Highway Egattur,
Chennai - 603103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: EEE

Academic Year: 2023

Name of the Student	<u>Sweeta Maria Faustina. S</u>
Year/Sem	<u>IV / VII</u>
Name of the Guest	<u>Mr. Mohammed Umar Farook</u>
Name of the Institution/ University/ Industry/R&D Organization	<u>KV wind India Pvt Ltd - Chennai</u>
Type of Event	<u>GL Seminar/Workshop/Conference/Other</u>
Date of Event	<u>02/09/23</u>
Was the session Useful?	<u>Yes</u>
Expert Interaction	<u>Excellent / Good / Average</u>
Whether the lecture was related to Subject? If yes mention the subject	<u>Management</u>
Summary/Report of the topic	<u>Supply chain management</u>
General Remarks	<u>useful</u>

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No.34, Rajiv Gandhi Salai (OMR)
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Chennai - 603103.

Signature of Student

Rev. Date: 02/09/23

MOHAMED SATHAK A J COLLEGE OF ENGINEERING , Chennai-603 103

VISITOR FEEDBACK

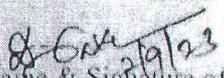
Department:

Academic Year: 2023-24

Name of the Guest	Mohammed UMAR FAROOK.B
Organization Details	K-K Wind Solutions, Chennai
Mail id & Contact no.	Muhammed 071296@gmail.com / 7708163379.
Purpose of Visit	GL / Seminar / Workshop / Conference / R&D / FDP / External Examiner / AUR / Management / Culturals / others
Beneficiary- Department / Year - if applicable	
Type of Visit	02. 100923
How would you rate the student Interaction	Excellent / Good / Average
How would you rate the faculty Interaction(if any)	Excellent / Good / Average
Comments on facilities of the college	
General Remarks	
Scope for Collaborative work with your organisation	willing to sharing more knowledge to Juniors & assist them in career growth
Area in which collaborative work can be done	

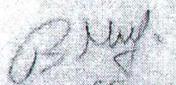
PRINCIPAL

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No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.


Name & Signature of
Coordinator E.D. SARKITHIVEL

Format No : FB 07

Rev. No : 1.0


Signature of Guest
Rev. Date : 04.01.21

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: *EEE*

Academic Year: *2023-24*

Name of the Student	<i>Divyanshi S</i>
Year/Sem	<i>IV / VII</i>
Name of the Guest	<i>Mohammed ussar Farook</i>
Name of the Institution/ University/ Industry/R&D Organization.	<i>Kk wind India Pvt. Lmt. Chennai</i>
Event	<input checked="" type="checkbox"/> GL/Seminar/Workshop/Conference/Others
Date of Event	<i>02/09/2023</i>
Was the session Useful?	<i>Yes</i>
Expert Interaction	<input checked="" type="checkbox"/> Excellent / Good / Average
Whether the lecture was related to Subject ? If yes mention the subject	<i>management</i>
Brief Summary/Report of the topic	<i>Total Quality management Procurement and Quality supply chain management</i>
General Remarks	<i>Please do conduct such useful seminars and webinars in future days also.</i>

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[Signature]
Signature of Student

Rev. Date : 04.01.2

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: Civil

Academic Year: 2023-24

Name of the Student	<u>K PRATHARASAN</u>
Year/Sem	<u>IV / 7th Sem</u>
Name of the Guest	<u>Umar Farukh</u>
Name of the Institution/ University/ Industry/R&D Organization.	<u>Mohammad Sathak aj college of Engineering</u>
Event	<u>GL/Seminar/Workshop/Conference/Others</u>
Date of Event	<u>02/09/2023</u>
Was the session Useful?	<u>yeah it was very useful</u>
Expert Interaction	<u>Excellent</u> / Good / Average
Whether the lecture was related to Subject ? If yes mention the subject	<u>YES</u>
Brief Summary/Report of the topic	<u>It's very Interesting and I really like the seminar.</u>
General Remarks	<u>Nothing</u>

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Mohamed Sathak A.J. College of Engineering
No. 34, Rajiv Gandhi Salai (OMR)
Sector - IT Highway Egattur
Chennai - 603103.

Mohamed Sathak AJ College of Engineering

Participant Attendance

Topic: Overview on Supply chain Management

Date: 2/9/23

S.No	Name	Year	Department	Sign
1	S. Mohamed Jaleel	IV	Civil	[Signature]
2	Ajmal Hameed	IV	Civil	[Signature]
3	Praveen Thiruvethur	IV	Civil	[Signature]
4	Mohamed Jassim	IV	Civil	[Signature]
5	Ahmed Ridwan	IV	Civil	[Signature]
6	Rashid Ahmed	IV	Civil	[Signature]
7	Rajesh	IV	Civil	[Signature]
8	Yusuf Atharab	IV	Civil	[Signature]
9	Isqar Ahmed	IV	Civil	[Signature]
10	Habib Mulya	IV	Civil	[Signature]
11	H. Mohamed Mufad	IV	Mech	[Signature]
12	V. N. YUVANSAI	IV	Mech	[Signature]
13	N. SRI RAM	IV	Mech	[Signature]
14	M. MOHAMED IZAZ	IV	Mech	[Signature]
15	VASATHAKUMAR	IV	Mech	[Signature]
16	YUSUF	IV	Mech	[Signature]
17	Agil	IV	Mech	[Signature]
18	S. Shanmugam	III	Civil	[Signature]
19	Mohamed Kaif M	III	Civil	[Signature]
20	Mohamed Junis	IV	Civil	[Signature]
21	Syed Mohammed	III	Mech	[Signature]
22	N. Mohamed Anwar	IV	Mech	[Signature]
23	K. Harsh HAFIL	IV	Mech	[Signature]
24	M. Fathen Ahmed	IV	Mech	[Signature]
25	Salman S	IV	"	[Signature]
26	Mohamed Anas	"	"	[Signature]
27	Mohamed Ajmal	"	"	[Signature]
28	H. Mohamed Asif	IV	Mech	[Signature]
29	P. MOHAN RAJ	IV	Mech	[Signature]
30	P. Kishore	IV	Mech	[Signature]

PRINCIPAL
 Mohamed Sathak A.J. College of Engineering
 No. 34, Rajiv Gandhi Salai (OMR)
 Chennai - 603103.

31)	Mohamed Anwar	IV	mech	General
32)	A. Imthiyas	IV	Mech	A. Imthiyas
33)	M. Ghouse	IV	mech	M. Ghouse
34)	M. Ilyas	IV	mech	M. Ilyas
35)	Anwar	IV	mech	Anwar
36)	Abu Habis	IV	mech	Abu Habis
37)	I. Rasool Mohamed	III	Mech	I. Rasool
38)	Mohamed Anwar N	III	Mech	M. Anwar
39)	Aadil T	III	Mech	Aadil
40)	E. Abdulkaffar	III	mech	E. Abdulkaffar
41)	Jawid Hussain	III	mech	Jawid
42)	Sarfaraz	III	mech	Sarfaraz
43)	CHANDRU	III	mech	Chandru
44)	T.A. Mohamed Anwar	III	mech	T.A. Anwar
45)	A. Shameer Ahmed	III	Mech	A. Shameer
46)	D. Lokesh Nath	III	mech	D. Lokesh
47)	N. Saifrees	III	Mech	N. Saifrees
48)	B. Shaik Yaqoob	IV	Mech	B. Shaik
49)	MOHAMMED YASIR SA	IV / VII	Mech	Yasir
50)	J. SADHAM HUSSAIN	IV	MECH	J. Sadham
51)	Hariharan J	IV	Mech	Hariharan
52)	M. Dinesh	IV	Mech	M. Dinesh
53)	S. Vijay	IV	MECH	S. Vijay
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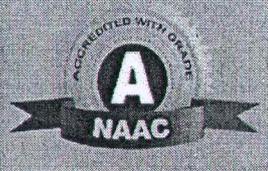
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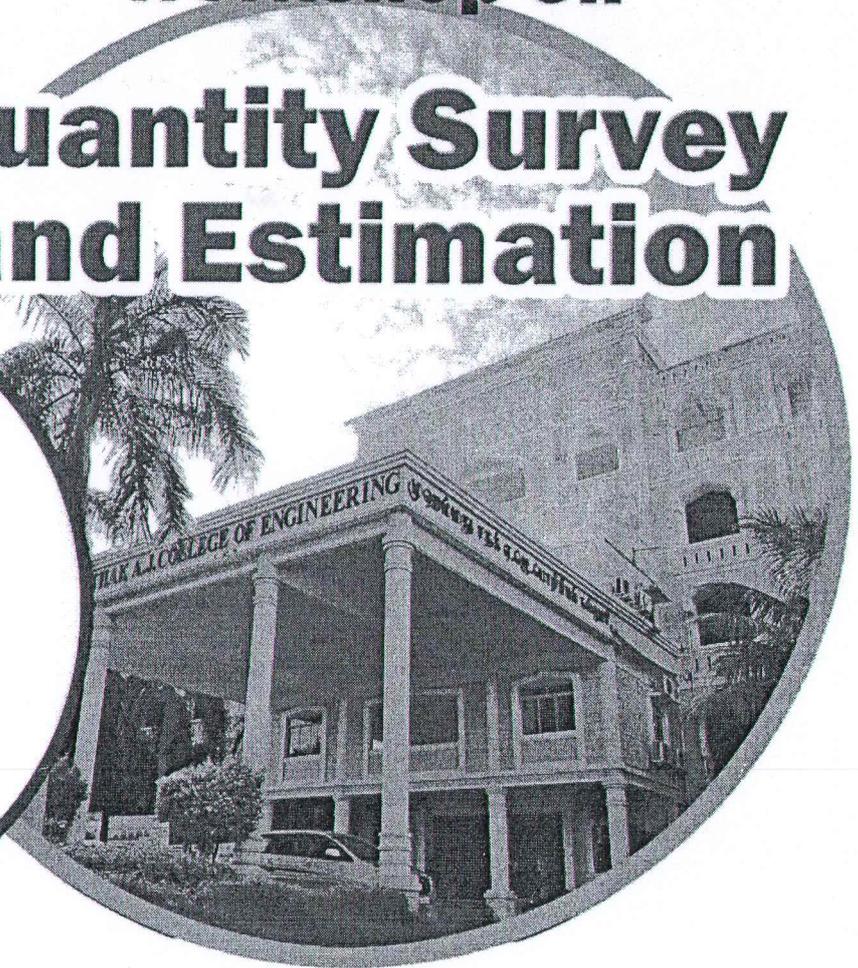
34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603 103.



**Department of Civil
Engineering Organizes**

**Organizes A
Workshop on**

Quantity Survey and Estimation



Speaker:

Kaka Mohammed Shahib

Managing Director,
Samsco Construction,
Aladdin Academy


PRINCIPAL

Mohamed Sathak A. J. College of Engineering

**Date - 08.08.2023
Venue - BIM LAB**

Convenor
Dr. R.Someswaran
HOD/Civil

Co-ordinator
Mrs. P.Kavithra, A/P Civil



**MOHAMED SATHAK
A.J. COLLEGE OF ENGINEERING**
34, Rajiv Gandhi Salai (OMR), Struseri IT Park, Chennai - 603 103.



From
The HOD,
Department of Civil Engineering,
MSAJCE

To
The Principal,
MSAJCE,
Chennai

Permitted
Am
03/08/23

Respected Sir,

Sub: Seeking permission to organise a workshop – Reg.

With reference to the above subject, Department of Civil engineering wishes to organise a workshop on the topic “Quantity Surveying” on 08.08.2023. Mr. Kaka Mohamed Suhaid, Managing Director, Samsco Construction, Tambaram has accepted our request and will be presiding the session. So, I kindly request you to grant permission to organise the above-mentioned event.

Thanking You

PRINCIPAL
Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR),
Sipcot - IT Highway Egattur,
Chennai - 603103.
Yours Sincerely,
R. Someswaran
03/08/23
(Dr R.Someswaran)

Place: MSAJCE
Date: 03/08/2023



**MOHAMED SATHAK
A.J. COLLEGE OF ENGINEERING**
34, Rajiv Gandhi Salai (OMR), Struthel IT Park, Chennai - 603 103.



Event budget proposal

Event type	Title of the Event	Date	Chief Guest	Budget
Workshop	Quantity Surveying	08.08.2023	Mr. Kaka Mohamed Suhaid, Managing Director, Samsco Construction, Tambaram	3000

Budget details (in Rupees)

TOTAL : Rs. 3000/-

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

EVENT ORGANISED

Department of Civil Engineering

Name of the Event	Workshop
Date	08.08.2023
Organized by	Department of Civil Engineering
Name of the Conveners	Dr. R. Someswaran, HoD/Civil
Name of the Coordinator	Mrs. P. Kavithra, AP/Civil
Keynote/ Guest Speakers Details- (Designation with Address & Contact No.)	Mr. Kaka Mohammed Suhaib, Managing Director, SAMSCO Construction, Aladdin Academy, Tambaram.

Supporting Documents Required

1. Brochure, 2. Registration forms, 3 Event Schedule, 4 Budget & Statement of Accounts
- 5 Handouts / Course Materials, 6 Feedback from Participants, 7 Photos, 8 Copy of Certificate
- 9 Conclusion Report


08/08/23

Signature of the coordinator


08/08/23

Sign of the HoD with date

Form No.: TLP 23

Rev.No.: 1.0

Rev. Date: 04.01.21

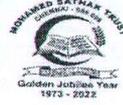


PRINCIPAL

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No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



**MOHAMED SATHAK
A.J. COLLEGE OF ENGINEERING**
34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603 103.



Ref.No: MSAJCE/ CIVIL/ODD/2023-2024/004

DATE: 03/08/2023

CIRCULAR

It is hereby informed that Department of Civil Engineering is interested to organise a workshop on "Quantity Surveying" on 08.08.2023 and the session will be handled by guest Mr. Kaka Mohamed Suhaid, Managing Director, Samsco Construction, Tambaram. Interested students and faculty members are requested to participate in this event.

R. Sathak
03/08/23

HoD

Copy to:

IQAC

[Handwritten Signature]

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

Invitation to conduct workshop@MSAJCE-reg

Mrs. P. KAVITHRA Asst.Professor <info.kavithra@msajce-abdu.in> 9:49AM (4 hours ago)

Sir, I would like to invite you on behalf of the Department of Civil Engineering from Mohamed Sathak AJ College of Engineering to conduct a workshop which we have planned to organize on 08.08.2023. I kindly request you to accept invitation and make our event a grand success. Thank you

Reply Forward

PRINCIPAL Mohamed Sathak A.J. College of Engineering No.34, Rajiv Gandhi Salai (OMR) Sipcot - IT Highway Egattur, Chennai - 603103.

[Handwritten signature]



ALADDIN
ACADEMY

ISO 9001:2015 CERTIFIED

Dear Mam,

Greetings from **ALADDIN ACADEMY**

As we had discuss with you regarding workshop at **Mohamed Sathak A.J. College of Engineering, Chennai**. Duration of workshop would be 3hrs. Training will be on real time projects. We have explained here brief details of workshop ON QUANTITY SURVEYING.

ABOUT US:

ALADDIN ACADEMY is the India's Leading and Best Training Institute of Civil Engineering and Architecture. We are Conducting Technical Courses and Training's which are ISO Certified and are accredited with American Board of Accreditation Services (ABAS).

We Develop the Training Program based on the Practical Requirement with Current Market Scenario that has been built over the years in Various Specialist Areas. We Make Best Engineers and Architects for the Industry.

Our Passed out students are working in various popular companies like L&T, Sobha developers, CCCL, etc. in India and in abroad such as UAE, KUWAIT, MALDIVES, and also we are providing trainings for various company employees such us L&T, CCCL, Olympia groups, Bharath builders, MRM Constructios etc.,.

TRAINER PROFILE:

Mr. KAKA MOHAMMED SUHAIB, a graduate in Civil Engineering and a Masters in Business Administration from reputed Institution, has experience to his credit in the construction field. He was employed with "LIPIKA INFRA PROJECTS" and coordinated "ARTHA DEVELOPERS PROJECTS" (Times of India Group).

- Artha Riviera, Marsur, Bengaluru – Construction of 25 villas - Approx. 50000 sq. ft.
- Artha Citrine, Thattanahalli, Bengaluru – 30 villas. Approx. 25,000 sq. ft.
- Artha Midas, Hoskote, Bengaluru - G+4 Residential Apartment.

Having worked in a leading professional construction company, he is well versed in framing time schedule for the projects, preparing tender documents, Estimation, execution of works, designing systems for standards, quality control, project management etc.

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Sipcot - IT Highway Egattur,
Chennai - 603103.

PLOT NO. 7&8, DURAIRAJ PARADISE, 100 FEET ROAD, NEAR CAMP ROAD JUNCTION,
EAST TAMBARAM, CHENNAI – 600 073.
MOB: +91-94894 32478 | Email: info@aladdinacademy.co.in | Website: www.aladdinacademy.co.in

TRAINER PROFILE:

TRAINER NAME : KAKA MOHAMMED SUHAIB

PROFESSION : MANAGING DIRECTOR, SAMSCO CONSTRUCTION

As a seasoned and accomplished Quantity Surveyor with a passion for construction excellence, KAKA MOHAMMED SUHAIB has established a reputation as a leading expert in the field. With [number of years] of hands-on experience and a profound understanding of construction economics, project cost management, and procurement strategies, He has become a sought-after professional in the industry.

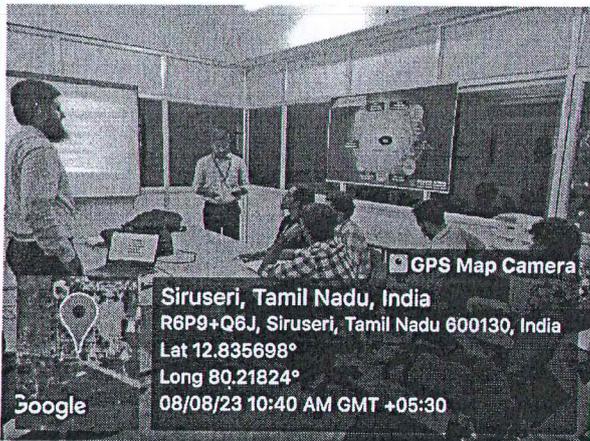
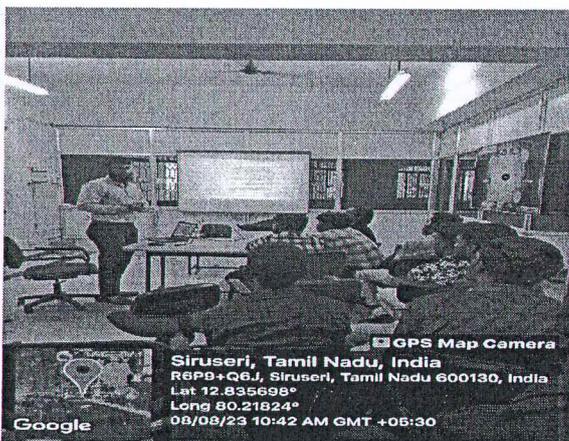
Having graduated with a Civil Engineering his skills through a diverse portfolio of successful projects across across india from commercial developments to intricate residential constructions, he has demonstrated an unparalleled ability to deliver accurate cost estimations, optimize project budgets, and ensure timely project completion.

Throughout his illustrious career, has collaborated with esteemed organizations and played an integral role in the successful execution of projects of varying complexity. He has been involved in

1. Artha Riviera, Marsur, Bengaluru – Overseeing the seamless construction of 25 luxurious villas, covering an expansive area of 50,000 sq. ft., while adhering to strict cost and time constraints.
2. Artha Citrine, Thattanahalli, Bengaluru – Skillfully managing the development of 30 exquisite villas, encompassing approximately 25,000 sq. ft., within stipulated budgets and timelines.
3. Construction and interior of multiple residential and commercial projects.



REPORT ON EVENT

Department	CIVIL ENGINEERING	
Type of Event	Workshop	
Event Title	Quantity Surveying and Building Estimation	
Date & Time	08-08-2023 & 10.00 am to 3.00 pm	
Venue/Mode	BIM Lab/Offline	
Organizer	MSAJCE-Civil	
Coordinator	Mrs. P. Kavithra, Assistant Professor/Civil	
Profile of the Chief Guest	Name of the Guest Speaker	Mr. Kaka Mohammed Suhaib
	Organization	Samsco Construction & Aladdin Academy
	Designation	Managing Director & Trainer
Write-up on Event	<p>Students of second year and third year from Civil department participated in the event. Around 15 students were actively involved in the workshop. Program started with a welcome address given by Dr. R.Someswaran, HoD/Civil Department and he introduced chief guest Mr. Kaka Mohammed Suhaib, Managing Director & Trainer, Samsco Construction & Aladdin Academy, Tambaram. He delivered an excellent idea on quantity surveying and the role of quantity surveyor along with scope of QS in future. He also made students to do estimation on reading a CAD diagram and how to carry out Quantity surveying. Also he interacted with students about planning concepts along with roles of project manager in overall construction project. Students gained knowledge about QS and estimation and program ended with success.</p>	
Photographs	 <p>GPS Map Camera Siruseri, Tamil Nadu, India R6P9+Q6J, Siruseri, Tamil Nadu 600130, India Lat 12.835698° Long 80.21824° 08/08/23 10:40 AM GMT +05:30</p>	 <p>GPS Map Camera Siruseri, Tamil Nadu, India R6P9+Q6J, Siruseri, Tamil Nadu 600130, India Lat 12.835698° Long 80.21824° 08/08/23 10:42 AM GMT +05:30</p>
	<p>Welcome Address by Dr. R. Someswaran, HoD/Civil about speaker</p>	<p>Presentation by guest speaker Mr. Kaka Mohammed Suhaib</p>


PRINCIPAL

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

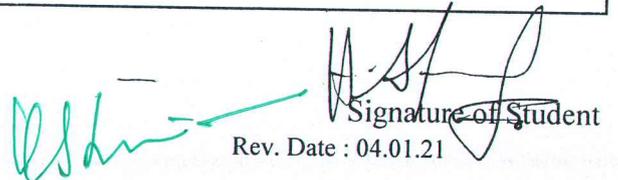
Department:

Academic Year:

Name of the Student	H. Afsar hameed
Year/Sem	1 st / 7 th Sem
Name of the Guest	kaka mohammed shahib
Name of the Institution/ University/ Industry/R&D Organization.	mohamed sathak AJ College of Engineering
Event	GL/Seminar/Workshop/Conference/Others
Date of Event	8 / 8 / 2023
Was the session Useful?	Yes
Expert Interaction	Excellent / Good / Average
Whether the lecture was related to Subject ? If yes mention the subject	Its not related to structure
Brief Summary/Report of the topic	info useful to carrier & learn about Coasting of building Area and volume Calculation and future developing.
General Remarks	

Format No: FB 01

Rev. No : 1.0

 Signature of Student
Rev. Date : 04.01.21

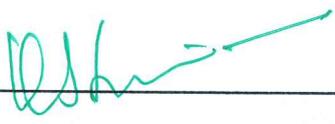
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Chennai - 603103.

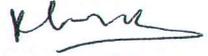
MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: Civil

Academic Year: 2023-24

Name of the Student	P. Logeshwaran
Year/Sem	IV/VII
Name of the Guest	Mohammed Shahid
Name of the Institution/ University/ Industry/R&D Organization	Mohammed sathak A-J college of Engg
Event	GL/Seminar/Workshop/Conference/Others
Date of Event	8/8/23
Was the session Useful?	To learn to quantity survey job
Expert Interaction	Excellent / Good / Average
Whether the lecture was related to Subject? If yes mention the subject	Estimation and costing
Brief Summary/Report of the topic	to learn about costing of building Area calculation and Job feature development in civil field.
General Remarks	useful 


Signature of Student

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: B.E CIVIL

Academic Year:

Name of the Student	M. Mohamed Hassan
Year/Sem	3rd yr / 5th Sem
Name of the Guest	Kaka Mohamed Shahib
Name of the Institution/ University/ Industry/R&D Organization.	
Event	GL/Seminar/Workshop/Conference/Others
Date of Event	8/8/23
Was the session Useful?	Yes
Expert Interaction	Excellent / Good / Average
Whether the lecture was related to Subject ? If yes mention the subject	YES
Brief Summary/Report of the topic	
General Remarks	

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Chennai - 603103.

Signature of Student

Rev. Date : 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

STUDENT FEEDBACK ON GL / SEMINAR / WORKSHOP

Department: *Civil*

Academic Year: *2023-24*

Name of the Student	<i>Mohamed kail .m</i>
Year/Sem	<i>IIIrd Year - IVth Sem</i>
Name of the Guest	<i>kaka mohamed shahib</i>
Name of the Institution/ University/ Industry/R&D Organization	<i>MOHAMED SATHAK AJ College of Engineering</i>
Event	<i>GL/Seminar/Workshop/Conference/Others</i>
Date of Event	<i>8/8/23</i>
Was the session Useful?	<i>Yes</i>
Expert Interaction	<i>Excellent / Good / Average</i>
Whether the lecture was related to Subject ? If yes mention the subject	<i>Yes</i>
Brief Summary/Report of the topic	<i>Quantity survey and Estimation must student must good</i>
General Remarks	<i>EXcellent</i> 

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Chennai - 603103.

Signature of Student

Rev. Date : 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING , Chennai-603 103

VISITOR FEEDBACK

Department: *Civil*

Academic Year: *2023-24*

Name of the Guest	<i>Mohammed Sahab.</i>
Organization Details	<i>Samsco Constructer, Aladdin Academy.</i>
Mail id & Contact no.	<i>9894263953 , info.aladdinacademy@gmail.com</i>
Purpose of Visit	<i>Workshop - QS</i>
Beneficiary- Department / Year - if applicable	
Date of Visit	<i>08/08/2023</i>
How would you rate the student Interaction	<input checked="" type="checkbox"/> Excellent / Good / Average
How would you rate the faculty Interaction(if any)	<input checked="" type="checkbox"/> Excellent / Good / Average
Comments on facilities of the college	<i>Good</i>
General Remarks	
Scope for Collaborative work with your organisation	
Area in which collaborative work can be done	<i>QS</i>

Name & Signature of Coordinator

Format No : FB 07

Rev. No :1.0

[Signature]
Signature of Guest
Rev. Date : 04.01.21

[Signature]

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No.34, Rajiv Gandhi Salai (OMR)
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Chennai - 603103.



Infrastructure Details

Department of Civil Engineering

Sl. No.	Description	Name in Board	Usage	Size (Sq.Ft)	Facilities Available
1	Class Room	SF 320- Lecturer Hall	II Year	702	LCD Projector, Wi-Fi
2	Class Room	SF 321- Lecturer Hall	III Year	702	LCD Projector, Wi-Fi
3	Class Room	SF 322- Lecturer Hall	IV Year	1053	LCD Projector, Wi-Fi
4	Drawing Hall - I	SF 323- Lecturer Hall	-	1053	-

Department of Computer Science Engineering

Sl. No.	Description	Name in Board	Usage	Size (Sq.Ft)	Facilities Available
1	Class Room	TF 406- Lecturer Hall	II Year	1053	LCD Projector, Wi-Fi
2	Class Room	TF 407- Lecturer Hall	III Year	1053	LCD Projector, Wi-Fi
3	Class Room	TF 408- Lecturer Hall	IV Year	1053	LCD Projector, Wi-Fi

Department Of Electrical and Electronics Engineering

Sl. No.	Description	Name in Board	Usage	Size (Sq.Ft)	Facilities Available
1	Class Room	SF 311- Lecturer Hall	II Year	702	LCD Projector, Wi-Fi
2	Class Room	SF 312- Lecturer Hall	III Year	702	LCD Projector, Wi-Fi
3	Class Room	SF 319- Lecturer Hall	IV Year	702	LCD Projector, Wi-Fi

Wsh

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



Department of Electronics and Communications Engineering

Sl. No.	Description	Name in Board	Usage	Size (Sq.Ft)	Facilities Available
1	Class Room	FF 217-Lecturer Hall	II Year	702	LCD Projector, Wi-Fi
2	Class Room	FF 218-Lecturer Hall	III Year	702	LCD Projector, Wi-Fi
3	Class Room	FF 219-Lecturer Hall	IV Year	702	LCD Projector, Wi-Fi

Department of Information Technology

Sl. No.	Description	Name in Board	Usage	Size (Sq.Ft)	Facilities Available
1	Class Room	TF 413-Lecturer Hall	II Year	1053	LCD Projector, Wi-Fi
2	Class Room	TF 414-Lecturer Hall	III Year	1053	LCD Projector, Wi-Fi
3	Class Room	TF 415-Lecturer Hall	IV Year	1053	LCD Projector, Wi-Fi

Department of Mechanical Engineering

Sl. No.	Description	Name in Board	Usage	Size (Sq.Ft)	Facilities Available
1	Class Room	SF 327-Lecturer Hall	II Year	702	LCD Projector, Wi-Fi
2	Class Room	SF 328-Lecturer Hall	III Year	702	LCD Projector, Wi-Fi
3	Class Room	SF 329-Lecturer Hall	IV Year	702	LCD Projector, Wi-Fi

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Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



Department of Science and Humanities

Sl. No.	Description	Name in Board	Usage	Size (Sq.Ft)
1	Class Room	SF 301-Lecturer Hall	I Year	702
2	Class Room	SF 302-Lecturer Hall	I Year	702
3	Class Room	SF 303-Lecturer Hall	I Year	702
4	Class Room	SF 307-Lecturer Hall	I Year	1053
5	Class Room	SF 308-Lecturer Hall	I Year	702
6	Class Room	SF 309-Lecturer Hall	I Year	702

Others

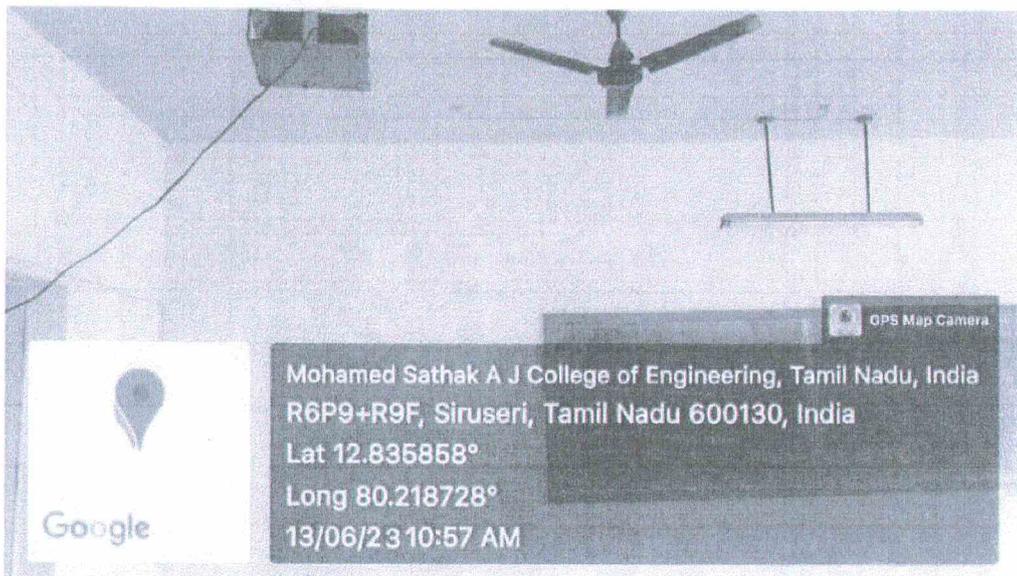
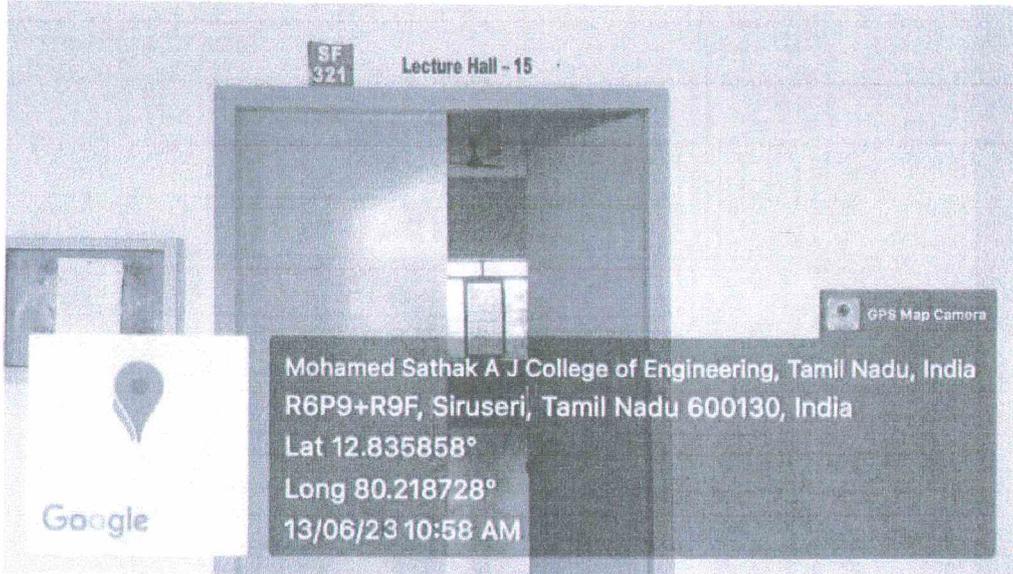
Sl. No.	Description	Name in Board	Usage	Size (Sq.Ft)
1	Class Room	FF 203 -Lecturer Hall	PG	351
2	Drawing Hall - I	SF 323-Lecturer Hall	-	1053
3	Drawing Hall - I	TF 19- Lecturer Hall		1053
4	Tutorial Hall	TF 421- Lecturer Hall	-	1053
5	Tutorial Hall	TF 422- Lecturer Hall I	-	702
6	Tutorial Hall	TF 423-Lecturer Hall	PG	702

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CIVIL CLASS ROOM SF321



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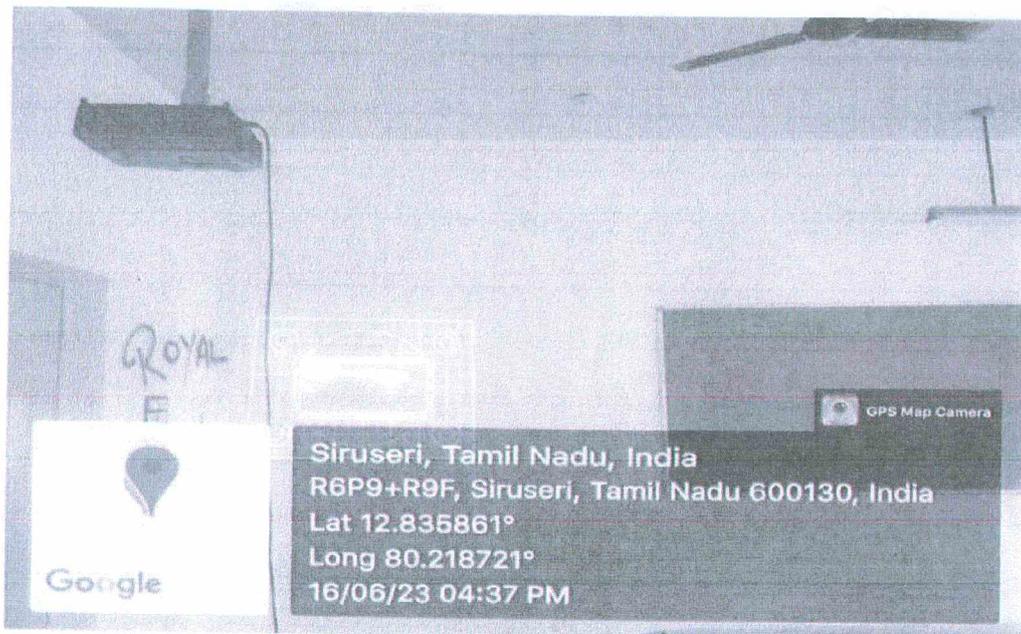
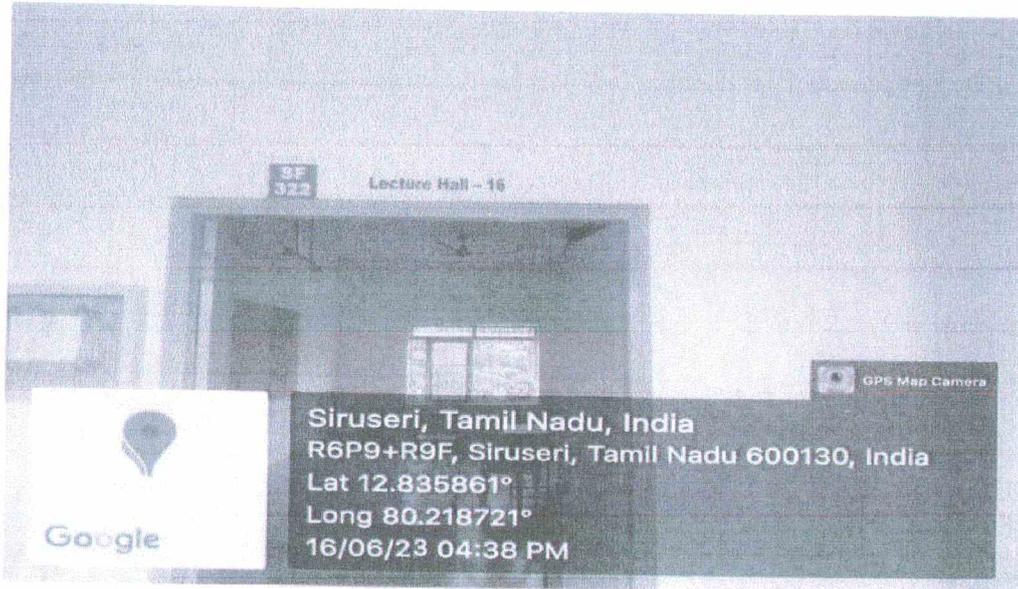
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CIVIL CLASS ROOM SF322



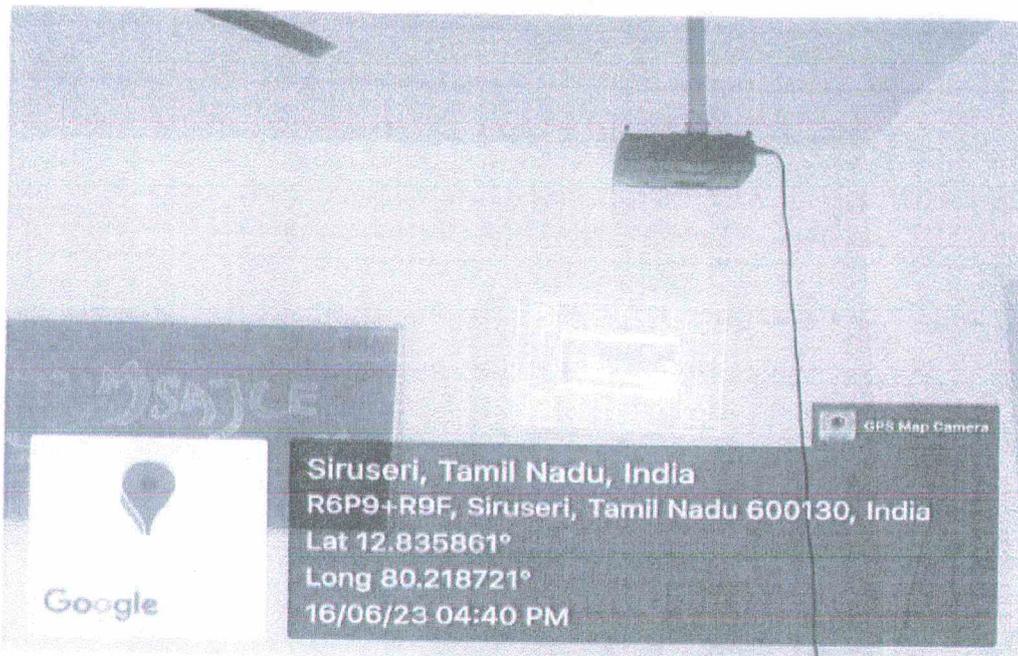
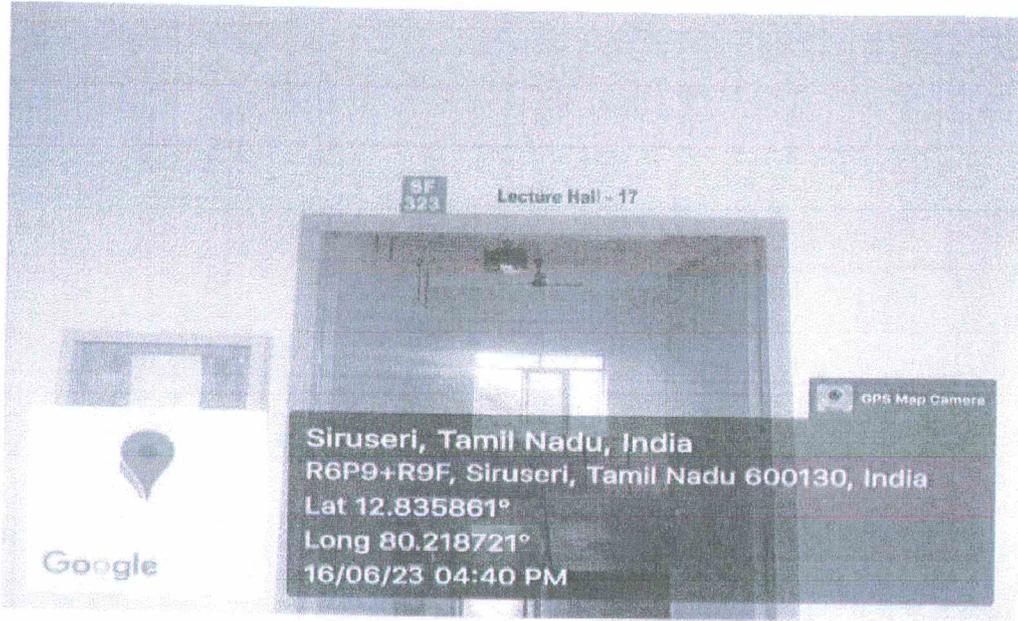
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CIVIL CLASS ROOM SF323



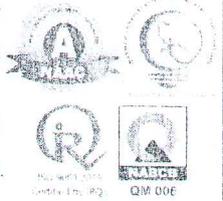
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No.34, Rajiv Gandhi Road (OMR), IT Highway, Siruseri IT Park, Chennai - 603 103.



Faculty Log Book (Attendance and Assessment Record)

Subject Code & Name : CEST02 - RAILWAYS AIRPORT
DOCKS AND HARBOUR ENGINEERING.

Year / Sem : IV + VII

Department : CIVIL

Faculty Name : MRS. V. JANAKI

Faculty Department : CIVIL

Academic Year : 2023 - 2024 (odd)

PRINCIPAL
Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Siruseri IT Park, Chennai - 603103.

Name with Designation : Mrs. V. JANAKI / AP

Department : CIVIL

Branch : CIVIL

Academic Year / Semester : 2023 - 2024 (VII) (odd)

Subject Code & Title : CE8702 - RAILWAYS AIRPORT DOCKS & HARBOUR ENGINEERING.

Type of Subject : Theory / Theory cum Practical / Practical

Date of Reopening : 24/07/2023

Last Working Day : 17/11/2023.

Total Allocated Periods : 45 periods.

Total Conducted Periods : 46 periods.

Assessment Details

Assessment	Assessment Conducted on	Paper Corrected and Returned on	No. of Students			Pass %	Remarks
			Total	Passed	Failed		
IAT-I	11/8/23	11/8/23	17	6	11	35%	
IAT-II	31/8/23	31/8/23	17	6	11	35%	
IAT-III	12/10/23	12/10/23	17	7	10	41%	
IAT-IV	26/10/23	26/10/23	17	12	05	70%	
IAT-V	03/11/23	03/11/23	17	11	06	64%	

V. J.
Faculty

HOD

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Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

Head - Academic

S. No.	Register Number	Students Name	Profile			Class	1	2	3	4	5	6	7	8	9	10
			Arrears	CGPA	Hostel / DS / OB	Month	7	7	7	7	7	8	8	8	8	8
						Date	25	26	27	28	31	1	2	3	4	10
						Period	5	1	5	2	2	5	1	5	2	5
1	311820103001	Habeeb Mustafa	2		DS		1	1	1	0	1	1	1	0	0	1
2	311820103002	Mohamed Fahim.S	1		DS		0	0	0	0	1	1	1	1	1	1
3	311820103003	Rajesh. N	7		DS		0	0	0	1	1	1	1	1	1	1
4	311820103004	Yogaraj. M	4		DS		1	1	1	1	1	1	1	0	1	1
5	311820103001	Adil Siraj	6		DS		0	0	0	0	1	0	1	1	0	0
6	311820103002	Afzan Hamed	8		DS		0	0	0	0	1	1	1	1	1	1
7	311820103003	Ahamed Riswan M	7		DS		0	0	0	0	1	1	0	0	0	1
8	311820103004	Ishaq Ahmed. B	11		DS		0	0	1	1	1	1	0	0	1	1
9	311820103005	Jayajeelan J	15		DS		0	0	1	0	1	0	1	1	1	1
10	311820103006	Logeshwaran P.	1		DS		1	1	1	1	1	1	1	0	0	1
11	311820103007	Mohamed Jassim	0		DS		0	0	1	1	1	1	0	0	1	0
12	311820103008	Mohamed Yusuf Arifath. A	11		DS		0	0	0	1	1	1	1	1	1	1
13	311820103009	Musthaq. J	17		DS		0	0	0	0	0	0	0	0	0	0
14	311820103010	pradeepkumar.	06		DS		1	1	1	1	0	1	1	1	1	1
15	311820103011	priyatharan K.	3		DS		0	0	0	0	0	0	0	0	1	1
16	311820103012	Royeed Ahmed M	6		DS		0	0	1	0	1	1	0	0	0	1
17	311820103014	Budharan A.	8		DS		0	0	0	0	1	1	1	1	1	1
18																
19																
20																
21																
22																
23																
PRINCIPAL																
Mohamed Sahak A. J. College of Engineering																
No.34, Rajiv Gandhi Selai (OMR)																
Sipcot - IT Highway Egattur																
Chennai - 603103.																
No. of absentees						13	13	9	10	3	4	6	8	7	3	
Signature of the faculty member						/	/	/	/	/	/	/	/	/	/	

Content Delivery

Unit - I

S. No.	Date	Period	Topic	Pedagogy	Resource	CO	PO/PSO
1	25/7/23	5	Permanetway, Rail sleepers, Ballast	CT, PPT	T ₁ web	CO1	PO1-PSO3, PO10-PSO2, PO10-PSO3, PO1-PSO1.
2	26/7/23	1	coning of wheels, Creep in rails	CT PPT	T ₁ web	CO1	
3	27/7/23	5	Rail fixtures and fastening, selection of gauge	CT PPT	T ₁ web	CO1	
4	28/7/23	2	Defects in rail, Track stresses	CT PPT	T ₁ web	CO1	
5	31/7/23	2	Super elevation, problems	CT PPT	T ₁ web	CO1	
6	1/8/23	5	Route alignment survey conventional & Modern.	CT PPT	T ₁ web	CO1	
7	2/8/23	1,5	Geometric design of Railway, gradient	CT PPT	T ₁ web	CO1	
8	3/8/23		widening of gauge on curves.	CT PPT	T ₁ web	CO1	
9	4/8/23	2	Level crossing	CT PPT	T ₁ web	CO1	
10							
11							
12							
13							
14							
15							

Total No. of Periods Planed : 10

Total No. of Periods Actually Taken : 10

Reason for the deviations : -

Faculty Member

HOD

PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No 34, Rajiv Gandhi Salai (OMR)
SIPCOT - IT Highway Egattur
Chennai - 603103.

Head - Academics

List of Pedagogies: Chalk & Talk / Quiz / MCQs / Flipped Class / Demonstration / Site Visit / Role Play / Video / Discussion / Tutorial / Any other

Unit - II

S. No.	Date	Period	Topic	Pedagogy	Resource	CO	PO / PSO
1	17/8/23	5	Introduction.	CT PPT	T1 web	CO2	PSO 9
2	17/8/23	5	Railway station and Railway yard.	CT PPT	T1 web	CO2	PSO 1
3	18/8/23	2	Earthwork stabilization of track on poor soil.	CT PPT	T1 web	CO2	PSO 1
4	22/8/23	5	Construction of tracks.	CT PPT	T1 web	CO2	PSO 12
5	24/8/23	1, 2, 6	Maintenance of railway track.	CT PPT	T1 web	CO2	PSO 10
6			Calculation of material required for track laying	CT PPT	T1 web	CO2	PSO 4
7	25/8/23	2	Passenger amenities	CT PPT	T1 web	CO2	PSO 4
8	28/8/23	2	Signalling.	CT PPT	T1 web	CO2	PSO 4
9							
10							
11							
12							
13							
14							
15							

Total No. of Periods Planned : 08

Total No. of Periods Actually Taken : 09

Reason for the deviations : Students absent during class time.

V. Jeyaraj
Faculty Member

~~P. Jeyaraj~~
HOD

W. S. Srinivasan
Head - Academics

List of Pedagogies: Chalk & Talk / Quiz / MCQs / Flipped Class / Demonstration / Site Visit / Role Play / Video / Discussion / Tutorial / Any other

Unit - III

S. No.	Date	Period	Topic	Pedagogy	Resource	CO	PO / PSO
1	3/18/23	5	Air transport characteristics.	CT PPT	T1	CO3	P801-P802
2	7/19/23	1	Parking and circulation area.	CT PPT	T1	CO3	P801-P802
3	7/19/23	5	Airport classification.	CT PPT	T1 web	CO3	P801-P802
4	8/19/23	2	ICAO classification.	CT PPT	T1 web	CO3	P801-P802
5	12/19/23	5	Airport planning. site selection	CT PPT	T1 web	CO3	P801-P802
6	14/19/23	1	typical Airport layout	PPT	T1 web	CO3	P801-P802
7	14/19/23	5	Case studies.	CT PPT	T1 web	CO3	P801-P802
8	15/9/23	2	Selection of Airport (Role play)			CO3	
9							
10							
11							
12							
13							
14							
15							

Total No. of Periods Planned : 08

Total No. of Periods Actually Taken : 8

Reason for the deviations :


Faculty Member


HOD

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Chennai - 603103.


Head - Academics

List of Pedagogies: Chalk & Talk / Quiz / MCQs / Flipped Class / Demonstration / Site Visit / Role Play / Video / Discussion / Tutorial / Any other

Unit - IV

S. No.	Date	Period	Topic	Pedagogy	Resource	CO	PO/PSO
1	20/9/23	6	Runway Design: orientation.	CT	T1	CO4	
2	21/9/23	1	wind rose diagram	CT	T1	CO4	
3	21/9/23	2	problems on basic and actual length	CT	T1	CO4	
4	22/9/23	8	problems on basic and actual length.	CT	T1	CO4	
5	26/9/23	5	Geometric design	CT	T1	CO4	
6	29/9/23	2	Elements of Taxiway Design	CT PPT	T1 web	CO4	
7	05/10/23	5	Airport zones	CT PPT	T1 web	CO4	
8	06/10/23	2	passenger facilities and services	CT PPT	T1 web	CO4	
9	10/10/23	5	Runway and Taxiway Marking.	CT PPT	T1 web	CO4	
10	12/10/23	5	Runway and Taxiway marking.	CT PPT	T1 web	CO4.	
11	12/10/23	7	Content beyond the syllabus	CT PPT	web		
12							
13							
14							
15							

Total No. of Periods Planned : 11

Total No. of Periods Actually Taken : 11

Reason for the deviations : -

Faculty Member

HOD

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List of Pedagogies: Chalk & Talk / Quiz / MCQs / Flipped Class / Demonstration / Site Visit / Role Play / Video / Discussion / Tutorial / Any other

Unit - V

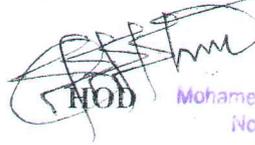
S. No.	Date	Period	Topic	Pedagogy	Resource	CO	PO / PSO
1	17/10/23	5	Harbour, port Satellite port	CT PPT	T web	CO5	
2	19/10/23	5	Docks, waves and Tides.	CT PPT	T, web	CO5	PO-1B
3	19/10/23	5	Harbour layout and Terminal facilities.	CT PPT	T, web	CO5	
4	20/10/23	4	Piers, Breakwater, Wharves, Jetties, Quay	CT PPT	T, web	CO5	PO-1, PO-2, PO-10
5	26/10/23	5	Spring fences dolphins.	CT PPT	T, web	CO5	PO-10, PO-12, PO-13
6	26/10/23	6	floating Landing stage.	CT PPT	T, web	CO5	PO-10, PO-12, PO-13
7	30/10/23	1	Inland water transport	CT PPT	T, web	CO5	PO-10, PO-12, PO-13
8	30/10/23	2	wave action on coastal structures	CT PPT	T, web	CO5	PO-10, PO-12, PO-13
9	3/11/23	1	coastal production works.	CT PPT	T, web	CO5	PO-10, PO-12, PO-13
10	3/11/23	2	coastal Regulation zone, 2011.	CT PPT	T, web.	CO5	PO-10, PO-12, PO-13
11							
12							
13							
14							
15							

Total No. of Periods Planned : 10

Total No. of Periods Actually Taken : 10

Reason for the deviations : -


Faculty Member


HOD



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Head - Academics

List of Pedagogies: Chalk & Talk / Quiz / MCQs / Flipped Class / Demonstration / Site Visit / Role Play / Video / Discussion / Tutorial / Any other



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CLASS HANDLING REPORT

Branch : B.E CIVIL

Year : IV / VII

Semester : VII

Batch : 2020 - 2023

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Chennai - 603103.

CLASS TIME TABLE

With effect from:

Period	1	2	3	4	5	6	7	8	9
MON	SDD	RADHE		IS	(LIP)			ECVE	LAB
TUE	IS	SDD		ECVE	RADHE			COE	
WED	ECVE	IS		SDD	CIP			CIP	ICW
THU	RADHE	ECVE		SDD	RADHE			ECVE	IS
FRI	IS	RADHE		COE	LIB			SDD	
SAT									

Interval Break :

Lunch Break :

CLASS HANDLING FACULTY DETAILS

S.No	Subject / LAB / COE Name	Faculty Name
1	Estimation, costing and valuation Engineering	C. Nivanothra Krishnan
2	Railways, Airports, Docks and Harbour Engineering	V. Janaki
3	Structural design and drawing	A. prathy Mary
4	Industrial Safety.	R. Sameswaran
5	Creative and innovative project	R. Elias yagash
6	Stodd pro	N. Gayathri
7	Library	A. prathy Mary.
8		
9		

Class Advisors : 1. Mrs. V. Janaki

2.

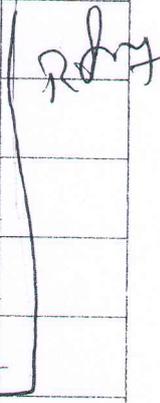
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Date: 07/09/2023 Thursday Cumulative working days: 34

Period	Subject Name		Unit	Topics handled	Cum. Periods	Signature	
	Scheduled	Altered				Student	HoD
1.	RADHE	-	III	Airport Parking parking + Circulation area.	20	Adithy	
2.	SDD	COE		ETABS PROJECT		Adithy	
3.	ECVE	-	III	Report on Estimation Building	23	Adithy	
4.	SDD	ECVE	III	Report on Culvert, Road and RTT Act 2000.	24	Adithy	
5.	RADHE		III	Airport Classification	21	Adithy	
6.	ECVE	IS	III	Industrial Noise.	19	Adithy	
7.	IS	IS	III	Industrial Noise.	20	Adithy	

Date: 08/09/2023 Friday Cumulative working days: 35

Period	Subject Name		Unit	Topics handled	Cum. Periods	Signature	
	Scheduled	Altered				Student	HoD
1.	IS	-	III	Noise measuring instruments.	21	Adithy	
2.	RADHE	-	III	ICAO	22	Adithy	
3.	COE	-		Wind Load	19	Adithy	
4.	COE	-		Floor Load	20	Adithy	
5.	LIB	-		Mass mullkaren	3	Adithy	
6.	SDD	-	III	Reinforcement detail in Spherical dome	3	Adithy	
7.	SDD	-	III	Reinforcement detail in tank wall	3	Adithy	



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Date: 26/9/23 Tuesday Cumulative working days: 46

Period	Subject Name		Unit	Topics handled	Cum. Periods	Signature	
	Scheduled	Altered				Student	HoD
1	IS	COE	-	Technology centre			
2	SDD	COE	-	BIM LAB			
3	ECVE		-	Principal BIT			
4	ECVE		-	addressing			
5	RADHE		IV	Geometric design elements of roadway design	31		
6	COE		-	Model Making			
7	COE		-				

Date: 27/9/23 Wednesday Cumulative working days: 47

Period	Subject Name		Unit	Topics handled	Cum. Periods	Signature	
	Scheduled	Altered				Student	HoD
1	ECVE	-	IV	Drafting of Contract documents	32		
2	IS	-	IV	Fault Tree Analysis	31		
3	SDD	-	IV	column connection	37		
4	SDD	-	IV	column connection	38		
5	CIP			Project record preparation			
6	CIP						
7	ECVE	-	IV	Document based on TBRO	33		

Handwritten signature in green ink

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 Chennai - 600030

4/10/23

Wednesday

Cumulative working days: 50

Subject Name		Unit	Topics handled	Cum. Periods	Signature	
Scheduled	Altered				Student	HoD
ECVE	-	IV	Construction contracts & its problems.	36	[Signature]	[Signature]
IS	-	IV	unit - IV FMEA	37	[Signature]	[Signature]
SDD	1S	IV	" FMEA	38	[Signature]	[Signature]
SDD	1S	IV	HAZOP	39	[Signature]	[Signature]
CIP	1S	IV	HAZOP	40	[Signature]	[Signature]
CIP	-		Audit team		J.J.	[Signature]
ECVE	-		Auditorium		Y. Jay	[Signature]

5/10/23

Thursday

Cumulative working days: 51

Subject Name		Unit	Topics handled	Cum. Periods	Signature	
Scheduled	Altered				Student	HoD
RADHE		4	Airport zones	39	Admhd	[Signature]
ECVE	-	IV	Arbitration & legal requirements	40	Admhd	[Signature]
SDD			[N M] PROJECTS		Admhd	[Signature]
SDD				Admhd		
RADHE				Admhd		
RADHE				Admhd		
ECVE	-	V	A Valuation & types of Valuers	41	Admhd	[Signature]
IS	-	IV	Human Error Analysis Risk assessment	42		[Signature]

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Department of Information Technology.

Academic Year 2023-2024 (EVEN SEM)

Theory subject Syllabus completion status as of 25/03/2024

S. No	Sub Code	Subject Name	Faculty Name	Syllabus completion status					Sign
				U1	U2	U3	U4	U5	
III YEAR / VI SEM									
1	ec3356	object oriented S/W Engineering	A. GOURI	100	100	100	100	80	[Signature]
2	ecw332	Digital Marketing	HAMER SURESH	100	100	100	100	50	[Signature]
3	ec3345	Cloud Computing	Chayathi	100	100	100	100	80	[Signature]
4	ec3343	Digital Mobile Forensics	Vishvanya	100	100	100	100	70	[Signature]
5	oe3351	Renewable Energy System	B. Dhayalan	100	100	100	100	20	[Signature]

[Signature] 25/3/24
HOD

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Chennai - 600103.



13.12.2023

DEPARTMENT OF SCIENCE AND HUMANITIES

MINUTES OF THE MEETING.

Date of Meeting	12-12-2023	Time	01.20 pm
Meeting Facilitator	Dr.K.S.Srinivasan	Location	S & H Staff room. 305
	Principal/MSAICE		MSAICE

The following points were discussed:

1. Prepare special time table for every section that includes 45 minutes for each period and lunch from 1:00 to 1:30 p.m.
2. Special time table for all the lagging laboratories
3. Discussed about the dates of the EPC, IAT III, and IBM classes.
4. During EPC, creating combined classes for every section.
5. Submission of all subject-specific EPC questions and answers.
6. Students who are self-learning need to be permitted to study in the afternoon sessions.

Chandrasekhar
13.12.23
HEAD/S & H

Mohamed Sathak

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No.34, Rajiv Gandhi Salai (OMR)
Spoon - IT Highway Egattur,
Chennai - 603103.



Members present on 12.12.2023

S.No	Faculty Members	Signature
1	Dr M. Shanmugasundaram	
2	Dr. A. Balakrishnan	
3	Dr. A. Annapurna Quadrya	
4	Dr. B. Devibala	
5	Mrs. S. Sudha	
6	Mrs. S. Usha	
7	Mrs. K. Sarpriya	
8	Mrs. V. Shobana	
9	Dr. A. Suvitha	
10	Dr. S. Amutha	
11	Dr. M. Muthumari	
12	Mrs. S. Rajeshwari	
13	Mrs. A. Nithya	
14	Dr. J. Kavitha	
15	Mr. B. Baskar	
16	Mr. S. Sivaprakash	
17	Mr. M. Karthikeyan	
18	Ms. Jothilakshmi	
19	Mr. Senthilkumar .K	
20	M/S M. Barveen Fathima	

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INTERNAL ASSESSMENT TEST I - TIME TABLE

Ref: MSAJCE/COE/02 / 23-24

Academic Year: 2023-24
Time: 8.30 AM to 10.30 AM

SEM: V

YEAR: III

Date & Day / Dept.	CIVIL	CSE	EEE	ECE	MECH	IT
09.08.23 Wednesday	CE3501 Design of Reinforced Concrete Structural Elements	CS3551 Distributed Computing	EE3001 Utilization and Conservation of Electrical Energy	EC3552 VLSI and Chip Design	ME3592 Metrology and Measurements	CS3551 Distributed Computing
10.08.23 Thursday	CE3003 Prefabricated Structures	CB3491 Cryptography and cyber Security	EE3006 Power Quality	CEC366 Image Processing	CME387 Non-traditional Machining Processes	IT3501 Full Stack Web Development
11.08.23 Friday	CE3502 Structural Analysis I	CCW332 Digital Marketing	EE3501 Power System Analysis	EC3501 Wireless Communication	CME395 Casting and Welding Processes	CCS334 Big data Analytics
12.08.23 Saturday	CE3025 Airports and Harbours	CS3501 Compiler Design	EE3012 Electrical Drives	CEC370 Low Power IC Design	ME3591 Design of Machine Elements	CS3691 Embedded Systems & IoT
14.08.23 Monday	CE3503 Foundation Engineering	CCS341 & CCS366 Data Warehousing & Software Testing & Automation	EE3591 Power Electronics	CEC367 Industrial IoT and Industry 4.0	CME365 Renewable Energy Technologies	CCS341 & CCS366 Data Warehousing & Software Testing & Automation
16.08.23 Wednesday		CS3591 Computer Networks	EE3503 Control Systems	EC3551 Transmission lines and RF Systems		CS3591 Computer Networks



Principals
Exam cell

M. F. A.
Principal
Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Sasti Colony,
Sip-301 - 11 Highway Egmore,
Chennai - 603103

Date: 03.08.23

Reg.No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Question Paper Code:

B.E/B.Tech DEGREE INTERNAL ASSESSMENT TEST-II

V Semester

Department of Civil Engineering

CE3501-Design of Reinforced Concrete Structural Elements

(Regulations 2021)

Maximum: 60 marks Date: 09/08/2023

Time: 2 Hrs

Course Objectives

- To introduce the different design philosophy for reinforced concrete and discuss the limit state method of design of RC rectangular beams
- To learn the concept in the design of RC flanged beams and design for shear and torsion
- Design of RC slabs and staircase
- Design of short RC columns
- Design of RC footing for walls, pad, sloped and combined rectangular footings.

Course Outcomes: On completion of the course, the student is expected to be able to

- CO1** : Apply various design concepts to design RC rectangular beams by working stress and limit state methods
CO2 : Design of flanged beams, design for shear and torsion, and anchorage and development length
CO3 : Design a RC slabs and staircase and draw the reinforcement detailing.
CO4 : Design short columns for axial, uni-axial and bi-axial eccentric loadings
CO5 : Design wall footings, isolated footings and combined rectangular footing.

K1-Remember

K2-Understand

K3-Apply

K4-Analyze

K5-Evaluate

K6-Create

Answer all the Question

PART A – (6 X 2 = 12 Marks)

		CO	BL	PI	AU Ref
1	Summarize the main concept of working stress method/elastic theory of reinforced concrete structures.	CO1	K1	1.4.1	A/M23
2	How are the margin of safety assigned in elastic method and ultimate load method?	CO1	K1	1.4.1	A/M23
3	What is modular ratio?	CO1	K2	1.4.1	A/M22
4	State the importance factors to be considered while designing structural elements.	CO1	K2	1.4.1	A/M22
5	Write any two assumptions made in elastic theory method.	CO1	K2	1.4.1	N/D22
6	What is the formula used to find the critical neutral axis in working stress method?	CO1	K2	1.4.1	N/D22

PART B - (4 X 12 = 48 Marks)

7	Find moment of resistance of the beam 200mm wide and 400mm effective depth, reinforced with 4bars of 20mm diameter for tension 2 bars of 20 mm diameter for compression, the cover to compression reinforcement is 50mm. Use M ₂₀ concrete.	CO1	K3	1.4.1	A/M22
8	Explain the various codal recommendations for Limit state method	CO1	K2	1.4.1	A/M23
9	Design a rectangular section for a simple supported reinforced concrete beam of the effective span of 5m carrying a concentrated load 40KN at its mid span. The concrete to be used is grade M20 and the reinforcement consist of Fe415 steel bars. (i) Self weight of the beam is ignored (ii) Self weight of the beam is considered Use working stress method.	CO1	K3	1.4.1	N/D22
10	Design a simply supported reinforced concrete beam to carry a bending moment of 50KNm as doubly reinforced section by working stress design. keep the width is equal to half the effective depth.	CO1	K3	1.4.1	A/M19

[Signature]
Prepared By

[Signature]
Verified By

[Signature]

[Signature]
Approved By

PRINCIPAL
H. S. Sathwik A. J. College of Engineering
Rajiv Gandhi Satal (OMR)
Sriperumbudur, Chennai - 601 304.

DESIGN of Reinforced concrete structural elements

ANSWER KEY

INTERMEDIATE ASSESSMENT TEST - II

"PART - A"

- It is based on the elastic theory and assumes that both steel and concrete are elastic.
- Permissible stresses are not exceeded anywhere in the structure.
- The ratio of elasticity modulus of steel and concrete is the load transfer mechanism.
- Location of the structural elements.
- TYPE of material used.
- from code IS 456, §

$$m = \frac{E_s}{E_c} = \frac{1}{1 + \frac{1}{m} \left(\frac{\sigma_{st}}{\sigma_{cbc}} \right)}$$

PART - B

Step 1: Given data.

Step 2: Stresses in compression and steel.

$$f_{sc} = E_{sc} E_s = \left[\frac{0.0035 (x_u b m - d')}{x_u d m} \right] E_s$$

$$A_{st2} = \left[\frac{f_{sc} A_{sc}}{0.87 f_y} \right], A_{st1} = A_{st} - A_{st2}$$

Step 3: Actual neutral axis depth.

$$x_u = \frac{0.87 f_y A_{st1}}{0.36 f_{ck} b}$$

Step 4: Moment of Resistance.

$$M_u = 0.87 f_y A_{st1} (d - 0.42 x_u) + f_{sc} A_{sc} (d - d')$$

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Sector - 44, Highway Bypass, Egattur,
Chennai - 600 103.

8. Codeal recommendations.

from IS456

9) Given data:

Step 2: Allowable stress

Step 3: Cross sectional dimensions.

Step 4: i) self weight of beam is ignored.

Bending moment and shear force.

Step 5: check for depth.

Step 6: Main tension Reinforcement

$$A_{st} = \frac{M}{\sigma_{st} \times j \times d}$$

Step 7: shear stress and reinforcement

$$T_v = \frac{V}{bd}$$

Step 8: ii) self weight of beam is considered.
Follow the above procedure.

10. Step 1: Given data

Step 2: Effective span.

Step 3: load calculation.

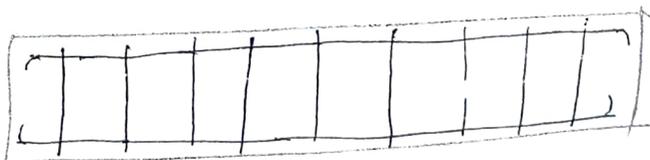
Step 4: Moment calculation.

Step 5: Area of tension + compression R.A.

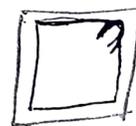
Step 6: check for depth.

Step 7: check for deflection.

Step 8: Reinforcement detail.



Wsh



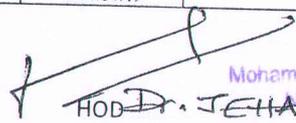
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DEPARTMENT OF EEE

MENTOR LIST

ACADEMIC YEAR: 2023-2024 (ODD SEMESTER)

SLN o.	Faculty Name	Reg No.	Student Name	Year	Parents Mobile Number	Student Mobile Number
1	Dr.J.Jeha	311820105004	HARISHANKAR V	IV	8608311638	9025770903
2		311820105304	MOHAMED YAHYA. A	IV	9092581057	9710026002
3		311821105001	ABDUL MALIK J	III	9500987213	7904941024
4		311821105002	DILLIGANESH A	III	9361247582	7305803073
5		311821105301	ALMUHASFIF RIFATH M	III	8925355428	8438217783
6		311822105001	M.HARISH ADHITYA	II	9047527306	9841483060
1	Dr.A.Kamalaselvan	311820105003	DIVY ASRI S	IV	9843980774	7200187795
2		311820105005	IMRAN R	IV	6382390938	9840218444
3		311821105302	HARIHARAN C	IV	7708527931	8608316355
4		311820105306	MUZAMMIL HAQ A	IV	6385596715	8190981020
5		311821105004	KARTHICK A	III	9080255007	6383951440
6		311821105005	MOHAMED BASIL S	III	9843015326	9080564376
7		311822105002	A MOHAMED HALITH	II	7010042463	7401126964
1	Mr.C.Venkatesh	311820105001	ARSHAD K	IV	6374827730	9159910945
2		311820105305	MUHAMMED IMRAN K	IV	7871571517	7373657118
3		311821105006	MOHAMED IZZAT. A	III	8056059330	9940369996
4		311821105008	MOHANRAJ K	III	9940990398	8428494818
5		311821105304	PRASAD. N	III	8618766471	7760280440
6		311822105003	A. MOHAMED HARISA	II	6380523500	7373660128
1	Mr.N.Suresh	311820105009	SWETHA MARIA FAUSTINA S	IV	9444495429	9444187414
2		311820105308	SYED AFRIDI P	IV	9698992006	7397538337
3		311820105010	SYED HARRUN	IV	9994866156	9677535003
4		311821105010	NAGARAJ B	III	7845333177	9884985137
5		311821105011	SHARAIR SARFAN S.A	III	9791730761	9080025058
6		311821105305	SANTHOSH KUMAR. V	III	9363110820	9363220820
7		311822105004	B MOHAMED SUBAIR	II	9789044605	9894692486
1	Mrs.K. Anupreya	311820105011	THOUFIQ AHAMED	IV	8637483172	8056063929
2		311820105012	THOWFIQ M	IV	9092024661	9025844843
3		311820105701	MOHAMED UNIAS. A	IV	9994587677	9361358530
4		311821105012	SRIKARTHIK V	III	7010454776	8939134246
5		311821105013	SYED HIFZUL RAHMAN F	III	9952984521	8610067157
6		311821105301	MOHAMED RIAZDEEN M	III	9786813988	8072815254
7		311822105005	J MOHAMED SUHAIL	II	8124652104	9080182042
1	Mrs.Gayathri Achanta	311820105302	MOHAMED FAZIL. M	IV	9677890966	6381548575
2		311820105006	MOHAMED RASITH	IV	9940178470	9176985866
3		311820105303	MOHAMED SAMEER. L	IV	9150188410/ 9944534340	6385266399
4		311821105014	THAMEEM ANSAARI LS	III	9442437486 8242774255	9042272582
5		311821105015	THIYAGU A	III	9786704578	9952159983
6		311822105007	M A UMAR FARUK	II	6383926726/ 6374734719	8489479775


HOD Dr. JEHA
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 Rajiv Gandhi Salai (OMR)
 Sipcot - IT Highway Egattur,
 Chennai - 603103.

3

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

DEPARTMENT OF EEE

MENTOR LIST

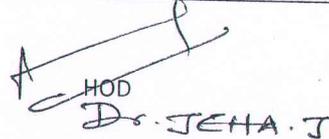
ACADEMIC YEAR: 2023-2024 (EVEN SEMESTER)

Sl.No.	Faculty Name	Reg No.	Student Name	Year	Parents Mobile Number	Student Mobile Number
1	Dr.J.Jeha	311820105004	HARISHANKAR.V	IV	8608311638	9025770903
2		311820105304	MOHAMED YAHYA. A	IV	9092581057	9710026002
3		311821105001	ABDUL MALIK J	III	9500987213	7904941024
4		311821105002	DILIGANESH A	III	9361247582	7305803073
5		311821105301	ALMUHASIF RIFATH. M	III	8925355428	8438217783
6		311822105001	M.HARISH ADHITYA	II	9047527306	9841483060
1	Mr.C.Venkatesh	311820105003	DIVYASRI S	IV	9843980774	7200187795
2		311820105005	IMRAN R	IV	6382390938	9840218444
3		311821105302	HARIHARAN C	IV	7708527931	8608316355
4		311820105306	MUZAMMIL HAQ. A	IV	6385596715	8190981020
5		311821105004	KARTHICK A	III	9080255007	6383951440
6		311821105005	MOHAMED BASIL S	III	9843015326	9080564376
7		311822105002	A. MOHAMED HALITH	II	7010042463	7401126964
1	Mrs.Kartheeswari K.R	311820105001	ARSHAD K	IV	6374827730	9159910945
2		311820105305	MUHAMMED IMRAN K	IV	7871571517	7373657118
3		311821105006	MOHAMED IZZAT. A	III	8056059330	9940369996
4		311821105008	MOHANRAJ K	III	9940990398	8428494818
5		311821105304	PRASAD N	III	8618766471	7760280440
6		311822105003	A. MOHAMED HARISA	II	6380523500	7373660128
1	Mrs.K. Anupreya	311820105009	SWETHA MARIA FAUSTINA.S	IV	9444495429	9444187414
2		311820105308	SYED AFRIDI P	IV	9698992006	7397538337
3		311820105010	SYED HARRUN	IV	9994866156	9677535003
4		311821105010	NAGARAJ B	III	7845333177	9884985137
5		311821105011	SHARAIR SARFAN S.A	III	9791730761	9080025058
6		311821105305	SANTHOSH KUMAR V	III	9363110820	9363220820
7		311822105004	B MOHAMED SUBAIR	II	9789044605	9894692486
1	Mrs.Gayathri Achanta	311820105011	THOUFIQ AHAMED	IV	8637483172	8056063929
2		311820105012	THOUFIQ M	IV	9092024661	9025844843
3		311820105701	MOHAMED UNIAS. A	IV	9994587677	9361358530
4		311821105012	SRIKARTHIK V	III	7010454776	8939134246
5		311821105013	SYED HIFZUL RAHMAN F	III	9952984521	8610067157
6			MOHAMED RIAZDEEN M	III	9786813988	8072815254
7		311822105005	J MOHAMED SUHAIL	II	8124652104	9080182047
1	Mrs.N.Kavitha	311820105302	MOHAMED FAZIL. M	IV	9677890966	6381548575
2		311820105006	MOHAMED RASITH	IV	9940178470	9176985866
3		311820105303	MOHAMED SAMEER. L	IV	9150188410/ 9944534340	6385266399
4		311821105014	THAMEEM ANSAARI L.S	III	9442437486 8242774255	9042272582
5		311821105015	THIYAGU. A	III	9786704578	9952159983
6		311822105007	M.A.UMAR FARUK	II	6383926726/ 6374734719	8489479775



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Chennai - 603103.


HOD
Dr. JEHA. J



MOHAMED SATHAK
A J COLLEGE OF ENGINEERING
SIRUSERI IT PARK OMR CHENNAI 603 103

STUDENTS DATA BOOK

Name of the Student : DIVYASRI . S

Department : EEE

Register Number : 311820105003

Regulation : 2017

Period of Study : 2020-2024

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Sipcot - IT Highway Egattur,
Chennai - 603103.

**STUDENT'S DATA**

COURSE: B.E DEPARTMENT: EEE

BATCH: VIII - Academic period: 2019-2022

PERSONAL DETAILS:

Name (in block Letters)	: DIVYASRI . S						
Roll No	:						
Anna University Reg.No	: 311820105003						
Date of Birth	: 07/08/2001	Age:	18				
Place of Birth	: Kalpakkam	Aadhaar No:	406785950179				
Blood Group	: B+ve						
Mother tongue:	Tamil	Nationality:	Indian	Religion:	Hindu		
Community:	OC	BC	MBC	BCM	SC	SCA	ST
					✓		
Email id:	divyashanthi2001@gmail.com			Student Mobile No:	9843980774		
Bank Name:	Account No:		Branch:				
Face book /Twitter id:							
Communication Address:	Permanent Address:						
NO. 253, JEEVA NAGAR, NEHRU STREET, PODHUPATTINAM, KALPAKKAM Pin code: 603102				NO: 253 JEEVA NAGAR, NEHRU STREET, PODHUPATTINAM, KALPAKKAM. Pin code: 603102			

EDUCATIONAL QUALIFICATIONS:

Details	SSLC	HSC / Diploma			
Name of the Institution:	Kendriya Vidyalaya No2 Kalpakkam, 603102	Blessings matriculation H.Sec school			
Address:	Sadras, Kalpakkam	Address: Keerapakkam, Thirukazhukundram			
Medium of Education:	English	English			
Subject Marks:	Maths	Science	Maths	Physics	Chemistry
			35	48	50
Percentage:	80%	PRINCIPAL	Cut-off Mark:	84	
Date of Passing:	Mar 2018	Mohamed Sathak A.J. College of Engineering No.34, Rajiv Gandhi Salai (O.M.R) Spooat - IT Highway Egattur, Chennai - 603103.	Mar 2020		



3. Identification Marks :

1. mole on right hand
2. mole on left hand (near elbow).

4 Area of Interest: Govt. Sector Employment / Higher studies / Entrepreneurs any other:

Govt sector employment / Entrepreneurship.

5. Extracurricular Activities(Area of Interest) : All competitions (inter & intra) Drawing, craft, etc, soft skills eg speech, writing skills etc and projects.

6. Future Plan (Describe in few words):

Govt Jobs (other private opportunity)

7. Sports/ other Talents: Shuttle, throwball, singing, badminton, carrom, TT

8. Family Details:

	Father	Mother	Guardian
Name:	C. SUBRAMANI	S. SHANTHI	
Qualification:	10th	10th	
Occupation:	Tailor	House wife	
Office Address:	-	-	
Annual Income:	72000/-	-	
Email Id:	-	-	
Mobile No:	7200187795	9944939551	

9. Siblings, if any:

	Brother / Sister - 1	Brother / Sister - 2
Name:	S. Prasanna	
Qualification:	9th	
School / College/ Occupation:	Seventh day matriculation higher Sec School. Kalpakkam	
Email Id:		
Mobile No:	9500502825	

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 Chennai - 603103.

SEMESTERWISE ACADEMIC PERFORMANCE: SEM - I

Class Advisors: 1.

2.

(o) upgradation

No.	Subject	Asst-1 %	Asst-2 %	Model %	Internals	Univ. Grade	Month & Year of Passing
	HS8151 - Communicative English	88	97			A	
	MA8151 - Engineering Mathematics	72	75			B (A)	
	PH8151 - Engineering physics	88	96			B (A)	
	CY8151 - Engineering chemistry	77	75			A	
	GE8151 - Engin Python Programming	88	97			B (O)	
	GE8152 - Engineering graphics	97	98			A	
	Physics & chemistry lab					A+	
	Python lab					O	
Attendance %		73/80 91	106/112 95				

GPA: 8.48

QUALITY OBSERVATIONS:

No.	Remarks by Subject Handling Faculty	Remarks by Class Advisor	HOD

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 Chennai - 603103.

nars, Workshop
ident during Fo

SEMESTERWISE ACADEMIC PERFORMANCE: SEM - V

Class Advisors: 1. *Suresh Sir* 2.

Duration	Achievement	Subject	Asst-1 %	Asst-2 %	Model % IAT-3	Internals	Univ. Grade	Month & Year of Passing
		EE8501 <i>Power System Analysis</i>	92	52	58		B+	
		EE8551 <i>Microprocessor & microcontroller</i>	68	AB	50		B	
1 day		EE8552 <i>Power Electronics</i>	58	58	58		U	
		EE8591 <i>Digital signal Processing</i>	52	42	22		B	
		CS8392 <i>Object oriented Program</i>	52	AB	76		B	
		OMD551 <i>Biomedical Instrumentation</i>	76	74	50		B+	
2 days		EE8511 <i>Control & instrumentation (lab)</i>					O	
		EE8383 <i>object oriented programming (lab)</i>					O	
Average %			90	84	78			

CGPA:

GPA:

QUALITY OBSERVATIONS:

No.	Remarks by Subject Handling Faculty	Remarks by Class Advisor	HOD

[Handwritten Signature]

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(No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.

Workshop
during Fifth

SEMESTERWISE ACADEMIC PERFORMANCE: SEM - VI

Class Advisors: 1. Anupreya 2.

Achievement	Subject	Asst-1 %	Asst-2 %	Model %	Internals	Univ. Grade	Month & Year of Passing
	EE 8601 - SSD	73	62			B	
	EE 8602 - PSA	AB	AB			A	
	EE 8691 - ES	17	58			B	
	EE 8005 - SEM	72	50			B	
	EE 8611 - Mini project					A+	
	EE 8661 - PG lab					O	
	EE 8681 - MPM lab					O	
	SB 8029 - Raan mudhavan					O	
Attendance %							

CGPA:

GPA:

QUALITY OBSERVATIONS:

No.	Remarks by Subject Handling Faculty	Remarks by Class Advisor	HOD
1	Concentrate more on SSD subject		



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Chennai - 603103.



COUNSELLING DETAILS

S.No.	Date	Matters Discussed	Signature	
			Student	Class Adviser
1)	6/9/21	First year result, Lab result was with held	Dijam B	Prof
2)	27/9/21	regarding IAT-1 results	Dijam B	Prof
3)	26/10/21	feedback of the overall term and class meeting was held	Dijam	Prof
4)	20/11/21	subject wise notes and seminars were given	Dijam	Prof
5)	18/12/21	advice on semester was done	Dijam	Prof
6)	20/1/22	problems faced by students in college was reported to authority	Dijam	Prof
7)	18/2/22	discussions were made regarding subjects and topics	Dijam	Prof
8)	15/3/22	advice for the long absentees and hostel boys.	Dijam	Prof
9)	22/4/22	a special meeting was held for the students for discussing cultural activities.	Dijam	Prof
10)	20/5/22	meeting was held to complete the data book	Dijam	Prof
11)	11/10/22	Discuss regarding IAT-III marks	Dijam	Prof
12)	13/12/22	preparation for end semester examination	Dijam	Prof
13)	20/12/22	discussion about the questions and practical sessions.	Dijam	Prof
14)	4/3/23	regarding IAT preparation and academic subjects overall.	Dijam	Prof
15)	5/5/23	discussed about govt exams, i.e GATE and EV importance in future.	Dijam	Prof

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A.J. COLLEGE OF ENGINEERING**
Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai | Accredited by NAAC | Recognized under Section 12B & 2f of UGC



Ref. No: MSAJCE/SA/2023-2024/ODDSEM/018

Date: 08.11.2023

CIRCULAR

It is hereby informed to all HoDs that “PARENTS TEACHER MEETING” for I Year students is planned on **25.11.2023 (Saturday) from 8.30A.M. to 3.30P.M.** On behalf of that we request S&H department HoD to inform the class in charge to send PTM Intimation letter before **10.11.2023** and also inform the students as well as call the parents personally and inform about PTM and their valuable presence for developments of their wards.

“The best teacher-parent relationship is constantly nurturing and supportive by both sides.”


08/11/2023

Head Student Affairs

Copy to:

- The Director
- The Principal
- IQAC
- All Heads & HoDs
- College office

Head - Student Affairs
Mohamed Sathak A.J. College of Engineering
Sririveri IT Park, Chennai - 603 103



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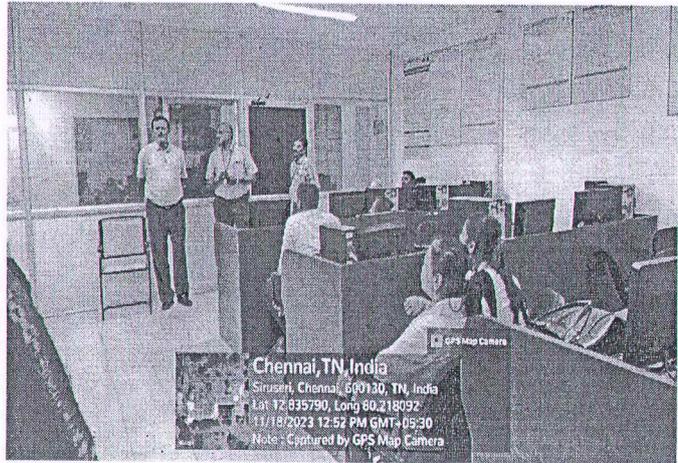
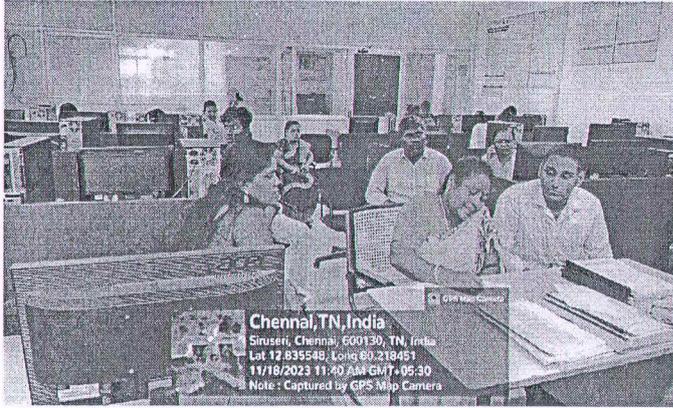
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AY 2023-2024 Odd Semester

PTM PHOTOS

DATE:18.11.2023



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Sipcot - IT Highway Egattur,
Chennai - 603103.



ANNA UNIVERSITY, CHENNAI - 600 025
TIME TABLE-B.E./B.Tech./B.Arch. DEGREE EXAMINATIONS - APRIL/MAY-2024
(REGULATIONS-2021)
CHOICE BASED CREDIT SYSTEM (CBCS)

Branch Name		B.E. Civil Engineering		
Semester	Subject Code	Subject Name	Exam Date	Session
1	01	PH3151	Engineering Physics	
2	01	HS3152	Professional English - I	12-JUL-24 A.N.
3	01	HS3151	Professional English - I	15-JUL-24 A.N.
4	01	GE3152	Heritage of Tamils	15-JUL-24 A.N.
5	01	GE3151	Problem Solving and Python Programming	20-JUL-24 A.N.
6	01	MA3151	Matrices and Calculus	23-JUL-24 A.N.
7	01	CY3151	Engineering Chemistry	29-JUL-24 F.N.
8	02	HS3251	Professional English - II	30-JUL-24 A.N.
9	02	HS3252	Professional English - II	10-JUL-24 F.N.
10	02	MA3251	Statistics and Numerical Methods	10-JUL-24 F.N.
11	02	BE3252	Basic Electrical, Electronics and Instrumentation Engineering	11-JUL-24 F.N.
12	02	GE3251	Engineering Graphics	16-JUL-24 F.N.
13	02	GE3251	Engineering Graphics*	19-JUL-24 F.N.
14	02	GE3252	Tamils and Technology	19-JUL-24 A.N.
15	02	PH3201	Physics for Civil Engineering	22-JUL-24 F.N.
16	03	CE3303	Water Supply and Wastewater Engineering	27-JUL-24 F.N.
17	03	CE3302	Construction Materials and Technology	13-JUL-24 F.N.
18	03	MA3351	Transforms and Partial Differential Equations	16-JUL-24 A.N.
19	03	CE3301	Fluid Mechanics	18-JUL-24 A.N.
20	03	ME3351	Engineering Mechanics	22-JUL-24 A.N.
21	03	CE3351	Surveying and Levelling	26-JUL-24 A.N.
22	04	GE3451	Environmental Sciences and Sustainability	30-JUL-24 F.N.
23	04	CE3405	Highway and Railway Engineering	10-JUL-24 A.N.
24	04	CE3403	Concrete Technology	12-JUL-24 F.N.
25	04	CE3402	Strength of Materials	15-JUL-24 F.N.
26	04	CE3401	Applied Hydraulics Engineering	23-JUL-24 F.N.
27	04	CE3404	Soil Mechanics	24-JUL-24 F.N.
28	05	CE3501	Design of Reinforced Concrete Structural Elements	26-JUL-24 F.N.
29	05	CE3502	Structural Analysis I	06-JUN-24 A.N.
30	05	CE3503	Foundation Engineering	07-JUN-24 F.N.
31	05	CE3008	Formwork Engineering	08-JUN-24 F.N.
32	05	CE3015	Geoenvironmental Engineering	10-JUN-24 F.N.
33	05	CE3025	Airports and Harbours	10-JUN-24 F.N.
34	05	CE3001	Concrete Structures	10-JUN-24 F.N.
35	05	CE3035	Irrigation Engineering and Drawing	10-JUN-24 F.N.
36	05	CE3032	Climate Change Adaptation and Mitigation	10-JUN-24 F.N.
37	05	CES331	Sustainable infrastructure Development	10-JUN-24 F.N.
38	05	CMG331	Financial Management	11-JUN-24 F.N.
39	05	CMG337	Foundations of Entrepreneurship	11-JUN-24 F.N.
40	05	CMG343	Principles of Public Administration	11-JUN-24 F.N.
41	05	CMG349	Statistics for Management	11-JUN-24 F.N.

(Handwritten Signature)

PRINCIPAL

NOTE: Student who opted for minor degree should refer the timetable for the subjects under the branch which offers Minor degree.

FN: FORENOON (10.00 A.M. TO 01.00 P.M.)
 AN: AFTERNOON (02.00 P.M. TO 5.00 P.M.)



(Handwritten Signature)
CONTROLLER OF EXAMINATIONS

(Faint text: Mahatma Gandhi Engineering College, No. 34, Rajiv Gandhi Salai (GMR) SIPCOT - IT Highway Egattur, Chennai - 603103.)



ANNA UNIVERSITY, CHENNAI - 600 025
TIME TABLE-B.E./B.Tech./B.Arch. DEGREE EXAMINATIONS - APRIL/MAY-2024
(REGULATIONS-2021)
CHOICE BASED CREDIT SYSTEM (CBCS)

Branch Name		B.E. Civil Engineering			
Semester	Subject Code	Subject Name	Exam Date	Session	
42	05	CE3016	Ground Improvement Techniques		
43	05	CE3026	Traffic Engineering and Management	12-JUN-24	F.N.
44	05	CE3036	Ground Water Engineering	12-JUN-24	F.N.
45	05	CE3022	Remote Sensing Concepts	12-JUN-24	F.N.
46	05	CE3050	Finance for Engineers	12-JUN-24	F.N.
47	05	CE3009	Construction Equipment and Machinery	12-JUN-24	F.N.
48	05	CE3002	Steel Structures	12-JUN-24	F.N.
49	05	CCS332	App Development	12-JUN-24	F.N.
50	05	CMG338	Team Building and Leadership Management for Business	12-JUN-24	F.N.
51	05	CMG344	Constitution of India	13-JUN-24	F.N.
52	05	CMG332	Fundamentals of Investment	13-JUN-24	F.N.
53	05	CMG350	Datamining for Business Intelligence	13-JUN-24	F.N.
54	05	CES332	Sustainable Agriculture and Environmental Management	13-JUN-24	F.N.
55	05	CCE333	Environmental Impact Assessment	13-JUN-24	F.N.
56	05	CE3003	Prefabricated Structures	14-JUN-24	F.N.
57	05	CE3023	Satellite Image Processing	14-JUN-24	F.N.
58	05	CE3027	Urban Planning and Development	14-JUN-24	F.N.
59	05	CE3037	Water Resources Systems Engineering	14-JUN-24	F.N.
60	05	CE3010	Sustainable Construction And Lean Construction	14-JUN-24	F.N.
61	05	CMG345	Public Personnel Administration	14-JUN-24	F.N.
62	05	CMG333	Banking, Financial Services and Insurance	15-JUN-24	F.N.
63	05	CMG351	Human Resource Analytics	15-JUN-24	F.N.
64	05	CES333	Sustainable Bio Materials	15-JUN-24	F.N.
65	05	CMG339	Creativity and Innovation in Entrepreneurship	15-JUN-24	F.N.
66	05	CE3004	Prestressed Concrete Structures	15-JUN-24	F.N.
67	05	CE3028	Smart Cities	18-JUN-24	F.N.
68	05	CCS370	UI and UX Design	18-JUN-24	F.N.
69	05	CE3038	Watershed Conservation and Management	18-JUN-24	F.N.
70	05	CE3018	Rock Mechanics	18-JUN-24	F.N.
71	05	CMG352	Marketing and Social Media Web Analytics	18-JUN-24	F.N.
72	05	CMG334	Introduction to Blockchain and its Applications	19-JUN-24	F.N.
73	05	CMG340	Principles of Marketing Management for Business	19-JUN-24	F.N.
74	05	CMG346	Administrative Theories	19-JUN-24	F.N.
75	05	CES334	Materials for Energy Sustainability	19-JUN-24	F.N.
76	05	CE3019	Earth and Earth Retaining Structures	19-JUN-24	F.N.
77	05	CE3012	Construction Management and Safety	20-JUN-24	F.N.
78	05	CE3039	Integrated Water Resources Management	20-JUN-24	F.N.
79	05	CE3046	Port and Harbour Engineering	20-JUN-24	F.N.
80	05	CE3005	Rehabilitation/Heritage Restoration	20-JUN-24	F.N.
81	05	CE3053	Rainwater Harvesting	20-JUN-24	F.N.
82	05	CE3033	Solid and Hazardous Waste Management	20-JUN-24	F.N.

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PRINCIPAL

NOTE: Student who opted for minor degree should refer the timetable for the subjects under the branch which offers Minor degree.

FN: FORENOON (10.00 A.M. TO 01.00 P.M.)
 AN: AFTERNOON (02.00 P.M. TO 5.00 P.M.)



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 CONTROLLER OF EXAMINATIONS



ANNA UNIVERSITY, CHENNAI - 600 025
TIME TABLE-B.E./B.Tech./B.Arch. DEGREE EXAMINATIONS - APRIL/MAY-2024
(REGULATIONS-2021)
CHOICE BASED CREDIT SYSTEM (CBCS)

Branch Name	B.E. Civil Engineering				
	Semester	Subject Code	Subject Name	Exam Date	Session
83	05	CES335	Green Technology		
84	05	CMG335	Fintech Personal Finance and Payments	21-JUN-24	F.N.
85	05	CMG347	Indian Administrative System	21-JUN-24	F.N.
86	05	CMG353	Operation and Supply Chain Analytics	21-JUN-24	F.N.
87	05	CMG341	Human Resource Management for Entrepreneurs	21-JUN-24	F.N.
88	05	CME365	Renewable Energy Technologies	21-JUN-24	F.N.
89	05	CE3047	Coastal Hazards and Mitigation	22-JUN-24	F.N.
90	05	CE3034	Environmental Policy and Legislations	22-JUN-24	F.N.
91	05	CE3054	Transport and Environment	22-JUN-24	F.N.
92	05	CE3013	Advanced Construction Techniques	22-JUN-24	F.N.
93	05	CE3006	Dynamics and Earthquake Resistant Structures	22-JUN-24	F.N.
94	05	CE3020	Pile Foundation	22-JUN-24	F.N.
95	05	CE3030	Pavement Engineering	22-JUN-24	F.N.
96	05	CE3040	Urban Water Infrastructure	22-JUN-24	F.N.
97	05	CCE334	Industrial Wastewater Management	22-JUN-24	F.N.
98	05	CMG342	Financing New Business Ventures	24-JUN-24	A.N.
99	05	CMG336	Introduction to Fintech	25-JUN-24	F.N.
100	05	CMG348	Public Policy Administration	25-JUN-24	F.N.
101	05	CMG354	Financial Analytics	25-JUN-24	F.N.
102	05	CES336	Environmental Quality Monitoring and Analysis	25-JUN-24	F.N.
103	05	CE3024	Hydrographic Surveying	25-JUN-24	F.N.
104	05	CE3041	Water Quality and Management	26-JUN-24	F.N.
105	05	CE3031	Transportation Planning Process	26-JUN-24	F.N.
106	05	CE3014	Energy Efficient Buildings	26-JUN-24	F.N.
107	05	CCE332	Environmental Health and Safety	26-JUN-24	F.N.
108	05	CE3007	Introduction to Finite Element Method	26-JUN-24	F.N.
109	05	CE3021	Tunneling Engineering	26-JUN-24	F.N.
110	05	CME366	Equipment for Pollution Control	26-JUN-24	F.N.
111	05	CES337	Integrated Energy Planning for Sustainable Development	26-JUN-24	F.N.
112	05	CES338	Energy Efficiency for Sustainable Development	27-JUN-24	F.N.
113	05	CCE331	Air and Noise Pollution Control Engineering	02-JUL-24	F.N.
114	05	GI3491	Cartography and GIS	13-JUL-24	A.N.
115	05	GI3492	Total Station and GPS Surveying	18-JUL-24	F.N.
116	06	GI3691	Airborne and Terrestrial Laser Mapping	20-JUL-24	F.N.
117	06	CE3601	Design of Steel Structural Elements	06-JUN-24	F.N.
118	06	CE3015	Geoenvironmental Engineering	08-JUN-24	A.N.
119	06	CE3025	Airports and Harbours	10-JUN-24	F.N.
120	06	CE3008	Formwork Engineering	10-JUN-24	F.N.
121	06	CE3001	Concrete Structures	10-JUN-24	F.N.
122	06	CE3032	Climate Change Adaptation and Mitigation	10-JUN-24	F.N.
123	06	CE3049	Steel Concrete Composite Structures	10-JUN-24	F.N.

NOTE: Student who opted for minor degree should refer the timetable for the subjects under the branch which offers Minor degree.

FN: FORENOON (10.00 A.M. TO 01.00 P.M.)
AN: AFTERNOON (02.00 P.M. TO 5.00 P.M.)





ANNA UNIVERSITY, CHENNAI - 600 025
TIME TABLE-B.E./B.Tech./B.Arch. DEGREE EXAMINATIONS - APRIL/MAY-2024
(REGULATIONS-2021)
CHOICE BASED CREDIT SYSTEM (CBCS)

Branch Name		B.E. Civil Engineering			
Semester	Subject Code	Subject Name	Exam Date	Session	
124	06	CE3035	Irrigation Engineering and Drawing		
125	06	CMG337	Foundations of Entrepreneurship	10-JUN-24	F.N.
126	06	CMG343	Principles of Public Administration	11-JUN-24	F.N.
127	06	CCS333	Augmented Reality/Virtual Reality	11-JUN-24	F.N.
128	06	CE3022	Remote Sensing Concepts	11-JUN-24	A.N.
129	06	CE3009	Construction Equipment and Machinery	12-JUN-24	F.N.
130	06	CE3016	Ground Improvement Techniques	12-JUN-24	F.N.
131	06	CE3036	Ground Water Engineering	12-JUN-24	F.N.
132	06	CE3026	Traffic Engineering and Management	12-JUN-24	F.N.
133	06	CE3050	Finance for Engineers	12-JUN-24	F.N.
134	06	CES332	Sustainable Agriculture and Environmental Management	12-JUN-24	F.N.
135	06	CMG344	Constitution of India	13-JUN-24	F.N.
136	06	CE3017	Soil Dynamics and Machine Foundations	13-JUN-24	F.N.
137	06	CE3003	Prefabricated Structures	14-JUN-24	F.N.
138	06	CCE333	Environmental Impact Assessment	14-JUN-24	F.N.
139	06	CE3010	Sustainable Construction And Lean Construction	14-JUN-24	F.N.
140	06	CE3037	Water Resources Systems Engineering	14-JUN-24	F.N.
141	06	CE3027	Urban Planning and Development	14-JUN-24	F.N.
142	06	CE3044	Coastal Engineering	14-JUN-24	F.N.
143	06	CMG345	Public Personnel Administration	14-JUN-24	F.N.
144	06	CMG333	Banking, Financial Services and Insurance	15-JUN-24	F.N.
145	06	CE3018	Rock Mechanics	15-JUN-24	F.N.
146	06	CE3004	Prestressed Concrete Structures	18-JUN-24	F.N.
147	06	CE3038	Watershed Conservation and Management	18-JUN-24	F.N.
148	06	CE3045	Offshore Structures	18-JUN-24	F.N.
149	06	CE3028	Smart Cities	18-JUN-24	F.N.
150	06	CMG340	Principles of Marketing Management for Business	18-JUN-24	F.N.
151	06	CE3005	Rehabilitation/Heritage Restoration	19-JUN-24	F.N.
152	06	CE3039	Integrated Water Resources Management	20-JUN-24	F.N.
153	06	CE3033	Solid and Hazardous Waste Management	20-JUN-24	F.N.
154	06	CE3012	Construction Management and Safety	20-JUN-24	F.N.
155	06	CE3053	Rainwater Harvesting	20-JUN-24	F.N.
156	06	CE3046	Port and Harbour Engineering	20-JUN-24	F.N.
157	06	CMG335	Fintech Personal Finance and Payments	20-JUN-24	F.N.
158	06	CES335	Green Technology	21-JUN-24	F.N.
159	06	CMG347	Indian Administrative System	21-JUN-24	F.N.
160	06	CE3030	Pavement Engineering	21-JUN-24	F.N.
161	06	CE3040	Urban Water Infrastructure	22-JUN-24	F.N.
162	06	CE3054	Transport and Environment	22-JUN-24	F.N.
163	06	CE3013	Advanced Construction Techniques	22-JUN-24	F.N.
164	06	CE3006	Dynamics and Earthquake Resistant Structures	22-JUN-24	F.N.

NOTE: Student who opted for minor degree should refer the timetable for the subjects under the branch which offers Minor degree.

FN: FORENOON (10.00 A.M. TO 01. 00 P.M.)
 AN:AFTERNOON (02.00 P.M. TO 5.00 P.M.)





ANNA UNIVERSITY, CHENNAI - 600 025
TIME TABLE-B.E./B.Tech./B.Arch. DEGREE EXAMINATIONS - APRIL/MAY-2024
(REGULATIONS-2021)
CHOICE BASED CREDIT SYSTEM (CBCS)

Branch Name		B.E. Civil Engineering		
Semester	Subject Code	Subject Name	Exam Date	Session
165	06	CE3020	Pile Foundation	
166	06	CE3047	Coastal Hazards and Mitigation	22-JUN-24 F.N.
167	06	CCE334	Industrial Wastewater Management	22-JUN-24 F.N.
168	06	CES336	Environmental Quality Monitoring and Analysis	24-JUN-24 A.N.
169	06	CE3007	Introduction to Finite Element Method	25-JUN-24 F.N.
170	06	CCE332	Environmental Health and Safety	26-JUN-24 F.N.
171	06	CE3055	Environmental Quality Monitoring	26-JUN-24 F.N.
172	06	CE3014	Energy Efficient Buildings	26-JUN-24 F.N.
173	06	CE3041	Water Quality and Management	26-JUN-24 F.N.
174	06	CE3031	Transportation Planning Process	26-JUN-24 F.N.
175	06	CE3021	Tunneling Engineering	26-JUN-24 F.N.
176	06	CE3024	Hydrographic Surveying	26-JUN-24 F.N.
177	06	CE3602	Structural Analysis II	26-JUN-24 F.N.
178	06	OCS351	Artificial Intelligence and Machine Learning Fundamentals	03-JUL-24 F.N.
179	06	OCS353	Data Science Fundamentals	04-JUL-24 F.N.
180	06	AG3601	Engineering Geology	06-JUL-24 F.N.
181	06	OCS352	IoT Concepts and Applications	09-JUL-24 F.N.
182	06	CCE331	Air and Noise Pollution Control Engineering	11-JUL-24 A.N.
183	06	GI3491	Cartography and GIS	13-JUL-24 A.N.
184	06	GI3492	Total Station and GPS Surveying	18-JUL-24 F.N. 20-JUL-24 F.N.

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PRINCIPAL

Mohamed Sathak A.J. College of Engineering
SIPCOT - IT Highway Egattur,
Chennai - 603103.

NOTE: Student who opted for minor degree should refer the timetable for the subjects under the branch which offers Minor degree.

FN: FORENOON (10.00 A.M. TO 01.00 P.M.)
AN: AFTERNOON (02.00 P.M. TO 5.00 P.M.)



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P. Sathak A.J.
CONTROLLER OF EXAMINATIONS

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103
UNIVERSITY RESULT OVER ALL CLASS WISE ANALYSIS - APRIL/MAY 2024 (After Revaluation)
Department of Civil Engineering

Year	No. of Students			% of Pass	No. of Script			% of Pass	Dept. Overall % of Pass	
	Reg	Pass	Fail		Reg	Appeared	Pass			
II Yr(IV SEM)	4	0	4	0%	4	4	0	0%	Student wise	40%
III Yr(VI SEM)	5	2	3	40%	5	5	2	40%		
IV Yr(VIII SEM)	16	8	8	50%	16	16	8	50%	Script wise	40%
Total	25	10	15	40%	25	25	10	40%		
II Year/ IV Sem										
Subject code	Subject	Faculty	No. of students				Fail	Overall Class performance		
			Reg	Pass	% of Pass	Fail		Details	Total	%
CE3401	AHE	Mr R Vignesh	4	2	50%	2	All Pass	0	0%	
CE3402	SOM	Dr Preethi Mary / R.Elliss Yogesh	4	0	0%	4	1 SUB FAIL	0		
CE3403	CT	Dr R.Someswaran	4	1	25%	3	2 SUB FAIL	1		
CE3404	SM	Mrs P Deebika	4	1	25%	3	3 SUB FAIL	1		
CE3405	HRE	Dr M.Vigneshkumar	4	3	75%	1	4 SUB FAIL	1		
GE3451	ESS	Dr A Suvitha	4	3	75%	1	6 SUB FAIL	1		
III Year/VI Sem										
Subject code	Subject	Faculty	No. of students				Fail	Overall Class performance		
			Reg	Pass	% of Pass	Fail		Details	Total	%
CE3601	DSS	Mr C.Navaneetha Krishnan	5	5	100%	0	All Pass	2	40%	
CE3602	SA-II	Mr. S. Vetrivel	5	2	40%	3	1 SUB FAIL	1		
AG3601	AG	Dr.R.Elliss Yogesh	5	3	60%	2	2 SUB FAIL	2		
CE3022	RSC	Dr M.Vigneshkumar	5	5	100%	0	3 SUB FAIL	0		
CE3033	SHWM	Dr R.Someswaran	5	5	100%	0	4 SUB FAIL	0		
MX3089	IS	Mr. Suresh	5	5	100%	0	5 SUB FAIL	0		
OCS352	IOTA	Mrs.S.Priyadharshini	5	5	100%	0	5 SUB FAIL	0		
IV Year/ VIII Sem										
Subject code	Subject	Faculty	No. of students				Fail	Overall Class performance		
			Reg	Pass	% of Pass	Fail		Details	Total	%
CE8020	MRRS	Mr R Vignesh	16	8	50%	8	ALL PASS	8	50%	
GE8076	PEE	Mr.Sunilkumar K.	16	13	81%	3	1 SUB FAIL	3		

[Signature]
Faculty In-Charge

[Signature]
Sign of the HoD with Date

[Signature]
Head Academics

PRINCIPAL
Mohamed Sathak A.J. College of Engineering
No.34, 50% Jiv Gandhi Salai (OMR)
Sipcot - II Highway Egattur,
Chennai - 603103.