

C.No.075/SSMIET/2022

Date: 7th March 2022

Circular

It is planned to conduct department-wise, "One day workshop on syllabus creation" (incompatible with NBA and OBE requirements) under Autonomous Preparatory Work, on 19.03.2022, Saturday by the external academic experts.

S. No.	Department	External Academic Expert Member (Respective HoDs to confirm with the expert)
1	Civil Engineering	Dr.T.Velrajan, Professor and Head, Dept. of Civil Engg., Thiagarajar College of Engineering, Madurai.
2	Computer Science and Engineering	Dr.P.Alli, Dean, Professor and Head, Dept. of CSE, Vellammal College of Engg. and Tech. Madurai.
3	Electronics and Communication Engineering	Dr.D.Selvathi, Sr. Professor and Head, Dept. of Bio-Medical Engg., MEPCO, Sivakasi.
4	Electrical and Electronics Engineering	Dr.M.Saravanan, Professor, Dept. of EEE, Thiagarajar College of Engineering, Madurai.
5	Mechanical Engineering and Automobile Engineering	Dr.H.Adarsha, Professor and Head, Dept. of Mech. Engg. JGI Global Campus, Faculty of Engineering and Technology, Bangalore.
6	Chemistry	To identify from TCE
7	English	To identify from TCE
8	Mathematics	Dr.M.Lellis Thivagar, Professor and Head, Dept. of Mathematics, Madurai Kamaraj University Madurai
9	Physics	Dr.M. Mahendran, Professor and Head, Dept. of Physics Thiagarajar College of Engineering, Madurai

Workshop Timings:

Session - 1: 10:00 a.m. to 01:00 p.m. **Session 2-** 02:00 p.m. to 05:00 p.m.

Honorarium for Expert Member - Rs.5000/-+ Actual Travelling Allowance

Prerequisites:

- Respective HoDs to identify and frame department-wise domain specialization working groups on or before 09.03.2022.
- Faculty-wise subject allocation for syllabus framing to be done before 12.03.2022.
- Minimum two subjects for theory and one for laboratory can be allocated to each faculty member for syllabus framing based on their specialization and seniority.
- Minimum one subject for theory under electives category can be allocated to each faculty member for syllabus framing based on their willingness, expertise, and interest.


PRINCIPAL



SSM Institute of Engineering and Technology Dindigul - 624 002

Accredited by NAAC

(Approved by AICTE & Affiliated to Anna University, Chennai)

Dr.D.Senthil Kumaran, B.E.,M.E.,Ph.D
Principal

Date:14.03.2022

SSMIET/118/Mar./2022

To

Dr.T.Velrajan,
Professor and Head,
Department of Civil Engineering,
Thiagarajar College of Engineering, Madurai.

Dear Sir, Good Day!

We take privilege in inviting you for the "One day workshop on syllabus creation" (In compatible with NBA and OBE requirements) under Autonomous preparatory work which is scheduled on 19th March 2022, Saturday 10:00 a.m. at our institution to discuss the salient features of syllabus creation.

In this regard, we expect your valuable suggestions in the above mentioned domains based on your expertise and concerns.

Hence, please kindly accept our invitation and eagerly expecting your visit for the programme.

Thanking You,


PRINCIPAL

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kottathupatti Village, Dindigul (Tn),
Palani Road, Dindigul - 624 002



Dindigul - Palani Highway, Dindigul - 624 002.

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DEPARTMENT OF CIVIL ENGINEERING

21/03/2022

"ONE DAY WORKSHOP ON SYLLABUS CREATION"

A "One day workshop on syllabus creation" (In compatible with NBA and OBE requirements) under Autonomous preparatory work was conducted on 19/03/2022 (Saturday) at IQAC and the Resource Person **Dr.T.Velrajan**, Professor and Head, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai, has given the following inputs for syllabus formulation.

1) General Suggestions

- The Autonomous work has to be considered as **"an opportunity** (do with passion, Commitment, interest) **and not as a liability"**.
- Expert suggested for framing the **Vision and Mission statements** for the institution as well as for the department, which we have framed already.
- Detailed about the **Programme Outcomes, Programme Educational Objectives and Programme Specific Outcomes**.

2) Competency based curriculum

- Competencies expected for a Civil Engineering Graduate should be designed.
- Curriculum and syllabus should facilitate the competency for a Civil Engineering Graduate.

3) Curriculum and Syllabus - Considerations

- Curriculum and Syllabus should be framed considering Anna university, AICTE and GATE Syllabi.
- Syllabus should be framed with 90% of Anna University syllabus and 10% referring to other universities.
- Select subjects list based on the current industrial requirements.
- Expert had advised to reduce the total credits for the smooth learning of programme with reference to the credits allocated for programme by Anna University.

- Credits per semester for each category of course should be in accordance with Anna University.
- Syllabus should be framed based on Bloom's Taxonomy learning Domains, which is classified into Cognitive, Psychomotor and Affective skills.
- Faculty should frame the syllabus based on comments and reviews from their colleagues and shouldn't be framed based on their own convenience.
- Interdisciplinary courses should be incorporated in Open electives; restriction of electives can be avoided and can be offered in common.
- Do "Schedule of Courses" for all courses including laboratory courses with credits.
- **Process of Curricula formation:**
 - Categorization of courses,
 - Identification of courses,
 - Schedule of Courses &
 - Scheme of Examination.

4) Syllabus framework

a) **Preamble**

- Each subject should have its own **Preamble** which explains the introduction of the course.

b) **Prerequisite knowledge**

- Prerequisite knowledge required for each subject has to be listed.

c) **Course Outcome**

- In autonomous syllabus framing, there will be no units, and purely based on Course outcome.
- For UG level programs, expert advised to frame syllabus within apply level or whichever is applicable.

CO	Course Outcome	Cognitive	Weightage	Expected Proficiency level	Expected Attainment level
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- Course Outcome should be given with the Weightage in % based on the BT level. i.e., Remember - Less Weightage, Understand - Moderate Weightage, Apply - High Weightage.
- Expected Proficiency and attainment Levels have to be benchmarked based on the grades earned by the students for the past 3 years.

S	A	B	C	D
> 90 %	80 – 90 %	70 – 80%	60 - 70	50-60

- Expected Proficiency and attainment Levels have to be enhanced based on the yesteryear results.

d) Mapping with Programme Outcomes and Programme Specific Outcomes

- Correlation levels can be designated as “Strong (S), Medium (M), Low (L)” for mapping.

e) Assessment Pattern: Cognitive Domain

Cognitive Levels	Continuous Assessment Tests			Terminal Examination
	1	2	3	

f) Syllabus

- No Unit based syllabus; CO based syllabus should be framed.

g) Course Contents and Lecture Schedule

Module No.	Topics	No. of Hours	Course Outcome
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- Course which requires Tutorial hours must be specified in the course plan.
- Fix Total No. of Hours required for syllabus completion, based on **clock hours**.

h) Learning Resources

- Textbooks and reference books have to be included.

i) Course Designers

- Faculty names who have prepared the Course have to be listed out.

5) Question paper Setting

- Question paper should be “Thought Provoking” for the students.
- For Remember & Understand levels, no choice should be given while setting the question paper and it is advised to give choices for Apply level Questions.
- Choices of questions should be given based on same CO's.
- Proper BT action verbs should be used while setting out the question paper.

HoD/ Civil

Principal

INTERNAL QUALITY ASSURANCE CELL

OBJECTIVE

- To develop a system for continuous, controlling and catalytic action to improve the academic and administrative performance of an institution.
- To provide resources for individual faculty members towards quality enhancement through implementation of quality culture and institutionalization of best practices.

Dindigul, Tamil Nadu, India

Unnamed Road, Tamil Nadu 624705, India

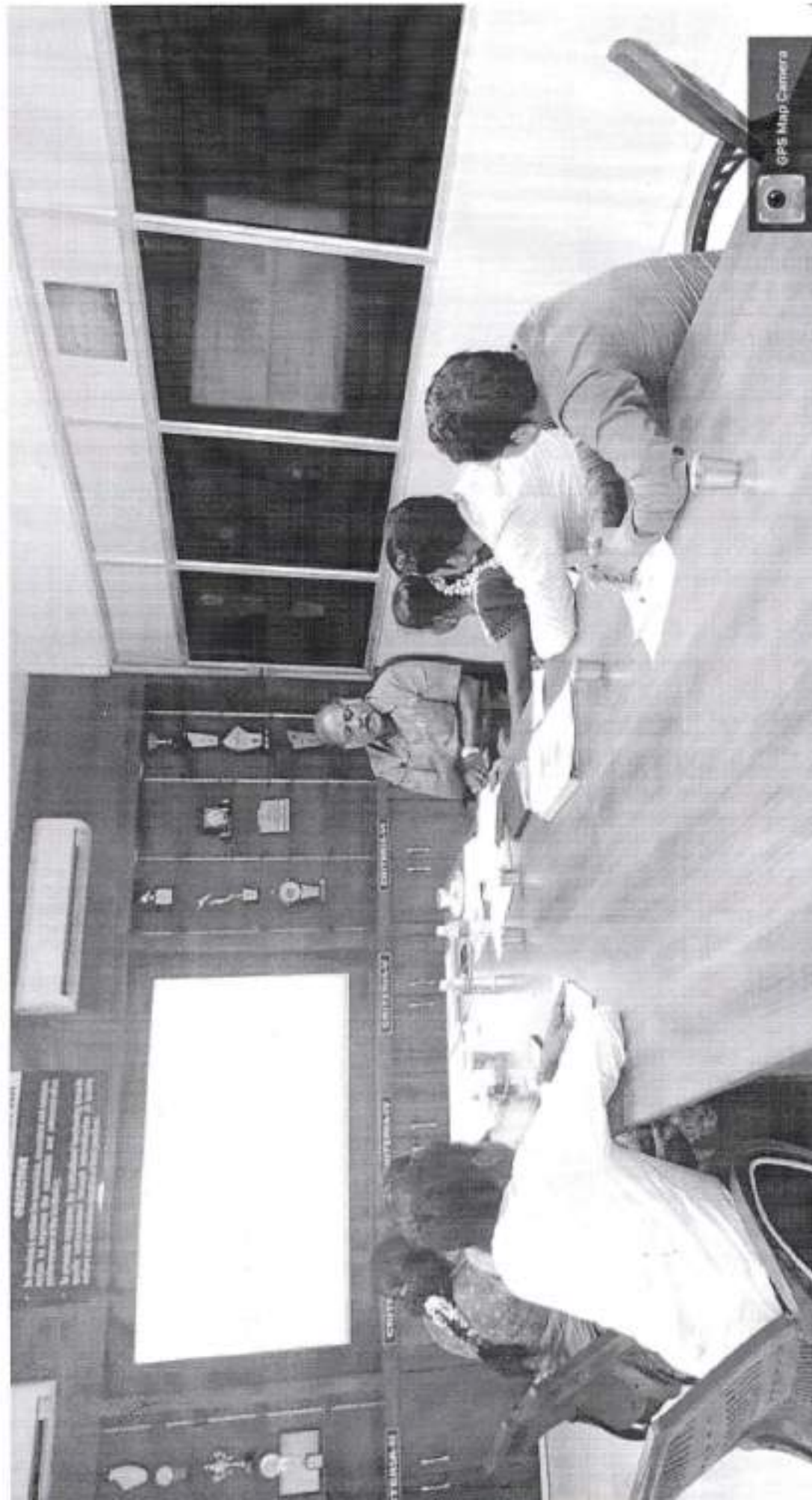
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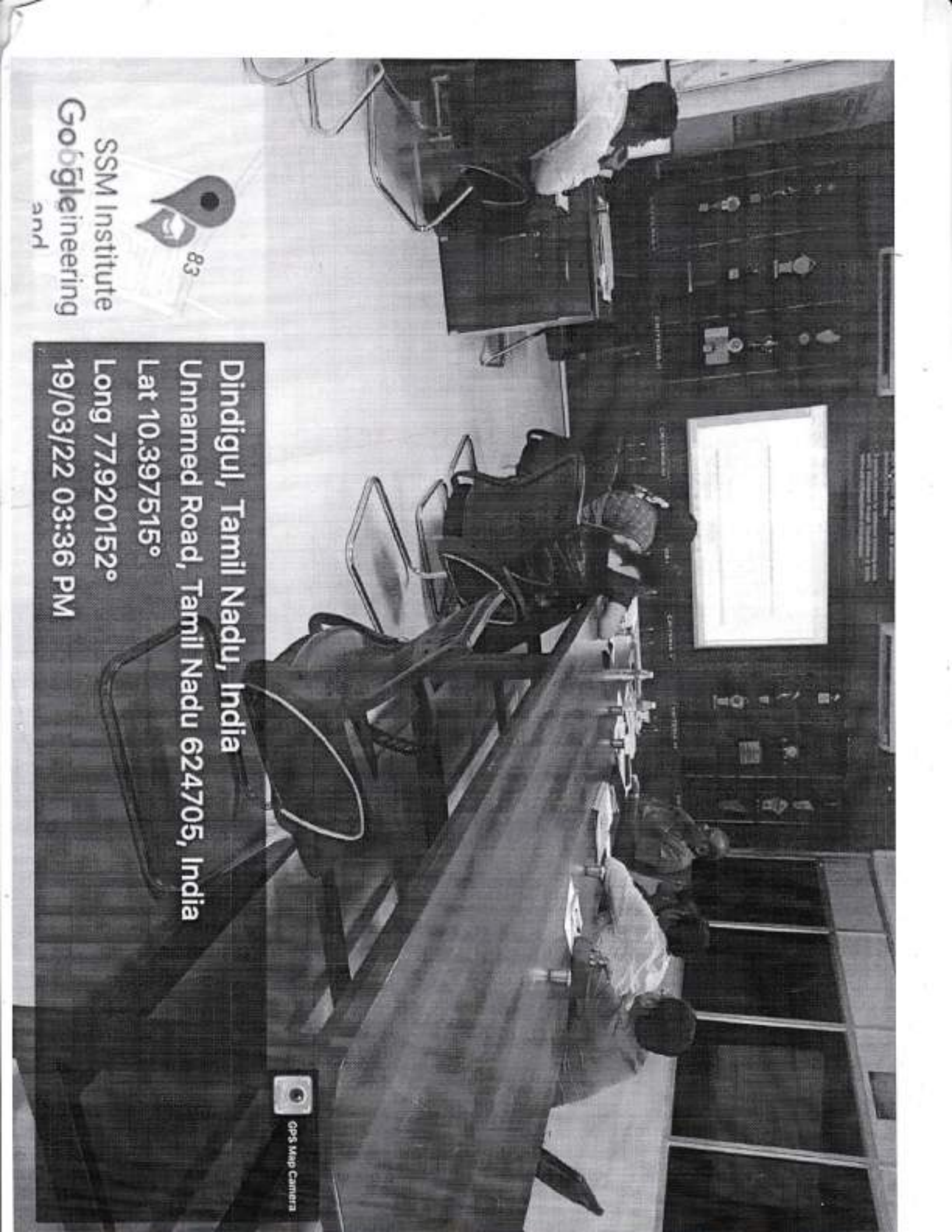
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SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002.

DEPARTMENT OF CIVIL ENGINEERING

One day workshop on syllabus creation

S.No.	Name of the Academic Council Member	From	Kilometer and Mode of Transport	Sitting fee and Honorarium	Total
1	Dr.T.Velrajan, Prof. & Head, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai - 625015	Madurai	140 Kms, Car = 1700	6000	7700

B.R. 18/3/22
HOD/CIVIL

A.B. 18/3/22
PRINCIPAL

Account Details:-

Dr. T. Vel Rajan,

ICICI Bank,

A/c no. 601301905967,

IFSC: ICIC0000563,

TEE Branch,

Madurai.



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Dindigul – Palani Highway, Dindigul – 624 002

Visit 1:

Autonomous preparation meeting was held for English, Chemistry, Physics departments on 26.03.2022 at IQAC hall.

Chairperson:

1. Dr. Rajaram- HoD/English, TCE, Madurai.
2. Dr. M.Mahendran - HoD/Physics, TCE, Madurai.
3. Dr. Kottaisamy- HoD/Chemistry, TCE, Madurai.




Principal
Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MOS)
Principal
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Palani Road, Dindigul - 624 002