



# CSIC COLLEGE OF ENGINEERING, KETTI

Approved by AICTE New Delhi (F.No.730-52-301(E)ET/97 dated NOV.17,1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## CRITERION I: CURRICULAR ASPECTS

### 1.1 - Curricular Planning and Implementation

**1.1.1 The institution ensures effective curriculum planning and delivery through a well-planned and documented process**

### INDEX

S.No	DESCRIPTION	PAGE No
1	Write up	2
2	Subject Allocation Circular	5-11
3	Subject Allocation Willingness	
4	Subject Allocation	
5	Master Time Table	12
6	Individual Time Table	21
7	Lesson Plan	27
8	Log book	32

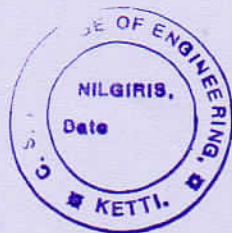


# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



*1.1.1 The institution ensures effective curriculum planning and delivery through a well-planned and documented process*



*L. May Shank*  
PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI - 643 216.



# CSI COLLEGE OF ENGINEERING, KETTI

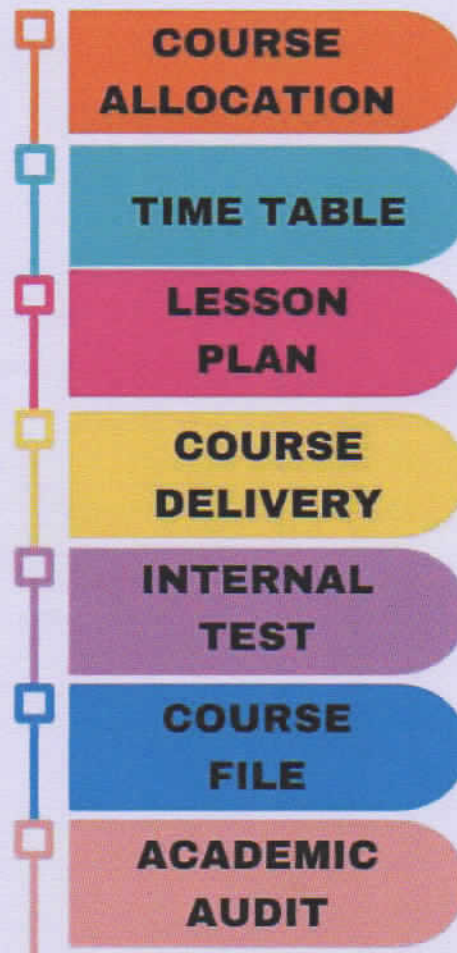
Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## Response:

This institute has a strong mechanism to ensure effective curriculum delivery and this mechanism is well planned and documented. The details of the same are outlined below.

## CURRICULUM DELIVERY

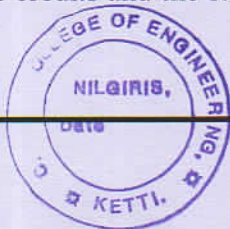


### Course Allocation

Subject Allocation is done prior to the commencement of each and every semester. Based on the preference, subject knowledge, expertise, performance and students feedback in the previous years, the staff are allotted for the respective subjects.

### Time Table

Master and Individual time tables are formulated and the sessions are allotted based on the course credits and the staff and lab occupancies.



PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI-643 216.

*L. Mary Grace*



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## Design of Lesson Plan

Each faculty member designs a comprehensive lesson plan for theory based on the credit specified in the course to deliver the subject content in 1.5, 1.5 & 2 units for IT I, II & III for regulation 2017 and 2.5:2.5 units for IT I & II before the commencement of every semester for the smooth progression in the academic aspects of a semester. Lesson plan includes text books, reference books, web resources, ICT tools and various teaching methodology and it is approved by the HOD and the principal.

## Preparation of Course file

Every faculty member prepares the course file for theory sessions, which contains the following documents

- ❖ Syllabus duly signed by HOD
- ❖ Course objectives and outcomes
- ❖ Lesson Plan
- ❖ Lecture notes
- ❖ Two mark question and answer for 5 units
- ❖ Internal test question paper I, Answer key, Mark list
- ❖ Internal test question paper II, Answer key, Mark list
- ❖ Internal test question paper III, Answer key, Mark list
- ❖ Three sample answer scripts
- ❖ Student Nominal Roll
- ❖ Assignment/Case-Study
- ❖ Internal marks
- ❖ Log book
- ❖ University question paper
- ❖ University question Grade
- ❖ CO - PO Attainment
- ❖ Three Years Comparative Result analysis

## Effective Course delivery

Various instructional approaches and pedagogical programs such as seminars, tutorials, field visit, project work, and continuous internal assessments for theory subjects are used to enhance and ensure the effectiveness of course delivery

## Monitoring the course delivery

The Principal and the Head of the Departments monitor the course delivery and its completion periodically. Syllabus coverage and any other issues relevant to the course delivery system are attained from the feedback and logbook through class committee meetings. Feedback is collected at the end of every semester. Corrective measures are identified and implemented.



*L. Mary Shanthi*  
PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI - 643 215.

Date: 03.07.2023

**CIRCULAR**

HOD's are hereby instructed to prepare the subject allocation for the coming semester and submit the same to the principal on Monday 10<sup>th</sup> July 2023. The subject allocation can be prepared in consultation with the faculty members of their respective departments.

*M. S. S. S.*

**PRINCIPAL**

To: All HOD's



*L. Mey Shankh*  
PRINCIPAL  
L.S.I. COLLEGE OF ENGINEERING  
KETTL-043 216.



**DEPARTMENT OF SCIENCE AND HUMANITIES**  
**WILLINGNESS FORM**  
**(2023 - 2024) ODD SEM**

S.NO	STAFF NAME	THEORY 1	THEORY 2	THEORY 3	LAB 1	LAB 2	SIGNATURE
1	Prof. J. Dominic Xavier	ENGINEERING CHEMISTRY I A I & D S			Chemistry Lab I - ECE, EEE, CE, MECH	Chemistry Lab I CSE (A)	Jony
2	Prof. R. Arthi	Engg. CHEM I CSE - B	Engg. CHEM I ECE, EEE, MECH, CIVIL		Water & Waste Water Analysis Lab - II CIVIL	Chemistry Lab I - IT	R. Arthi
3	Dr. O. Raina	Engg. Chem. I - IT	Engg. Chem. I - CSE - A	Heritage of Tamils I - CSE - A	Chem. Lab. I - CSE - B	Chem. Lab. I - A I & D S	Dr. O. Raina
4	Prof. T. Prakash	Matrices and Calculus I A I & D S	Matrices and Calculus ECE, EEE, CIVIL, MECH				T. Prakash
5	Prof. R. Geetha	Matrices and Calculus I - IT	Discrete Mathematics II CSG - B	Random Processes and Linear Algebra II ECE			R. Geetha
6	Dr. A. Ponmoni	Matrices and Calculus I - CSE - B	Discrete Mathematics II CSE - A	probability + complexn II EEE			Dr. A. Ponmoni
7	Prof. Y. Prakash	Matrices and Calculus I CSE - A	Discrete Maths and TPDE II IT + TIME (in)	Heritage of Tamils I A I & D S			
8	Dr. J. Sundararajan	Principles of management IV - CSG	Principles of Management IV - IT		English Lab I - CSE - A + CSE - B	English Lab A I & D S + IT	Dr. J. Sundararajan
9	Prof. Amal Raj	Professional English - I I CSE - B	Professional English - I I - A I & D S	Heritage of Tamils I - CSE - B	English Lab I - A I & D S	English Lab I CSE - B	Prof. Amal Raj
10	Prof. Saritha Babu	Professional English - I I CSE - A + I IT	Professional English - I I EEE, EEE, MECH & CIVIL	Heritage of Tamils I - ECE, EEE, MECH & CIVIL	English Lab I - CSE - A + I IT	English Lab I - ECE, EEE, MECH & CIVIL	Prof. Saritha Babu
11	Prof. Collin Grace Deborah	Engg Phy I - CSE - A	Engg Phy I - A I & D S	Heritage of Tamils I - IT	Phy Lab I - ECE, EEE, MECH, CIVIL		Prof. Collin Grace Deborah
12	Prof. Sunil	Engg Phy - ECE, EEE, MECH & CIVIL			Phy Lab I - CSE - A + CSE - B	Phy Lab A I & D S	Prof. Sunil
13	Prof. Libna	Engg. Physics I CSE - B	Engg. Physics I - ECE, EEE, MECH & CIVIL		Phy Lab I I - ECE, EEE, MECH / CIVIL		Prof. Libna

*Jony*

HOD



*R. May Shankar*  
PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 216.



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES SUBJECT ALLOCATION ODD SEM (2023-2024)

S.NO	STAFF NAME	THEORY 1	THEORY 2	THEORY 3	LAB 1	LAB 2	ADDITIONAL RESPONSIBILITY	SIGNATURE
1	Prof. J. Dominic Xavier	Engineering Chemistry I AI & DS			Chemistry Lab I- ECE,EEE, MECH & CVL	Chemistry Lab I-CSE - A	HoD (S&H) Admission Co-ordinator	
2	Prof. R. Arthi	Engineering Chemistry I CSE-B	Engineering Chemistry I ECE,EEE,M ECH & CVL		Water & Waste Water Analysis Lab II CIVIL	Chemistry Lab I-IT	NAAC Lab In-charge Mentor Bus In-charge Admission Work	
3	Dr.O.Raina	Engineering Chemistry I IT	Engineering Chemistry I CSE-A	Heritage of Tamils I-CSE-A	Chemistry Lab I-CSE-B	Chemistry Lab I AI & DS	IIC Convenor Faculty Advisor Admission Work	
4	Prof. T. Prakash	Matrices & Calculus I AI & DS	Matrices & Calculus I- ECE,EEE,M ECH & CVL				AICTE In-charge Faculty Advisor Admission Work	
5	Prof.R.Geetha	Matrices & Calculus I IT	Discrete Mathematics II CSE-B	Random process and Linear Algebra II ECE			Faculty Advisor Admission Work	
6	Dr. A. Ponmoni	Matrices & Calculus I CSE-B	Discrete Mathematics II CSE-A	Probability & Complex Function II EEE			ID Card incharge Faculty Advisor Admission Work	
7	Prof. Y. Prakash	Matrices & Calculus I-CSE-A	Discrete Mathematics II IT & Transforms & Partial Differential Equation II MECH	Heritage of Tamils I-AI&DS			Mentor Admission Work	
8	Dr. J. Sundararajan	Principals of Management IV CSE	Principals of Management IV IT		English lab I-CSE-A & CSE-B	English lab I-AI&DS & IT	Admission Work Anti-Ragging NCOAD - Co-memor.	



PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI - 643 216.



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26of 2001 w.e.f.31.12.2001).



9	Prof. Amal Raj	Professional English - I I CSE- B	Professional English - I I-AI&DS	Heritage of Tamils I-CSE-B	English lab I-CSE-B	English lab I- AI&DS	Exam Cell Admission Work Mentor Naan Mudhalvan	<i>Amal Raj</i>
10	Prof.Saritha Babu	Professional English - I I CSE- A & I IT	Professional English - I I ECE,EEE,M ECH & CVL	Heritage of Tamils I- ECE,EEE,M ECH & CVL	English lab I-CSE-A <i>2 ISF</i>	English lab I- ECE,EEE, MECH & CVL	Mentor Admission Work Naan Mudhalvan	<i>Saritha</i>
11	Prof. Collin Grace Deborah	Engineering Physics I CSE-A	Engineering Physics I AI&DS	Heritage of Tamils I-IT	Physics Lab I- ECE,EEE, MECH & CVL		Women Empowerment Cell Chairperson Faculty Advisor Admission Work	<i>Collin</i>
	Prof. Sunil	Engineering Physics I ECE,EEE, MECH & CVL			Physics Lab I CSE-A & CSE-B	Physics Lab I AI&DS	Mentor Admission Work	<i>Sunil</i>
13	Prof.Libni	Engineering Physics I CSE-B	Engineering Physics I ECE,EEE, MECH & CVL IT		Physics Lab I ECE,EEE, MECH & CVL		Mentor Admission Work	<i>Libni</i>

*[Signature]*  
HOD

*[Signature]*  
DEAN ACADEMICS

*[Signature]*  
PRINCIPAL

*R. May Shanthi*



PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 216.



Date: 22<sup>nd</sup> January 2024

CIRCULAR

HOD's are hereby instructed to prepare the subject allocation for the coming semester and submit the same to the principal on Friday 26.01.2024. The subject allocation can be prepared in consultation with the faculty members of their respective departments.

  
PRINCIPAL

To: All HOD's



*P. May Shankar*  
PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
P.O. Box 215,



DEPARTMENT OF SCIENCE AND HUMANITIES  
 SUBJECT ALLOCATION WILLINGNESS FORM  
 (2023 - 2024) EVEN SEM

S.NO	STAFF NAME	THEORY 1	THEORY 2	THEORY 3	LAB I	LAB 2	SIGNATURE
1	Prof. J. Dominic Xavier	ESS II CSE-A					<i>Jony</i>
2	Prof. R. Arthi	ESS II MECH	ESS II EEE	ESS I ECE & II CIVIL			<i>R. Arthi</i>
3	Dr.O.Raina	ESS II CSE-B	ESS II IT				<i>O.Raina</i>
4	Prof. T. Prakash	SNM I IT	SNM I EEE			AICTE Indlgy Faculty only Admission rule.	<i>T. Prakash</i>
5	Prof. R. Geetha	SNM I CSE-A	SNM I CSE-B	SNM IEEE & I MECH			<i>R. Geetha</i>
6	Dr. A. Ponmoni	SNM I AI & DS	SNM I CIVIL	YOGA III MECH			<i>A. Ponmoni</i>
7	Dr. J. Sundararajan	Professional & Ethics IV IT			Comm Lab Skilled Lab	Comm Lab all sections	<i>J. Sundararajan</i>
8	Prof. Amal Raj	PIS - English I CSE-EEE	PIS - English Mech I - CSE-B	Yoga - III CIVIL, EEE ECE	Comm Lab CSE-A EEE	Comm Lab CSE-B Mech	<i>A. Amal Raj</i>
9	Prof. Saritha Babu	Prof - Eng - II I AI & DS I CIVIL	Prof - Eng - II I IT & I ECE	Yoga III CIVIL, EEE & ECE	Comm. Lab I AI & DS I CIVIL	Comm. Lab I IT & I ECE	<i>Saritha Babu</i>
10	Prof. Collin Grace Deborah J.D.	PIS - PH325 I/II - CSE-A	PIS - PH325 I/II - AI & DS	PH3254 ECE, PH3251 - Mech PH3252 - EEE			<i>Collin Grace Deborah</i>
11	Prof. Sunil	PIS I-CSE-B	PIS I-IT	PCB I-CIVIL			<i>Sunil</i>
12	Prof. Melita	Tamil I CSE-A & I CSE-B	Tamil I AI & DS & I IT	Tamil I EEE, I ECE, I MECH & I CIVIL			<i>Melita</i>

*Jony*  
HOD



*R. Mary Shanti*  
PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI-643 216.



**DEPARTMENT OF SCIENCE AND HUMANITIES**  
**SUBJECT ALLOCATION EVEN SEM (2023 – 2024)**

S.NO	STAFF NAME	THEORY 1	THEORY 2	THEORY 3	LAB 1	LAB 2	ADDITIONAL RESPONSIBILITY	SIGNATURE
1	Prof. J. Dominic Xavier	ESS II CSE-A					HoD (S&H) Admission Officer	<i>JDM</i>
2	Prof. R. Arthi	ESS II MECH	ESS II EEE	ESS II ECE & II CIVIL			NAAC Lab In-charge Mentor Admission Work	<i>R. Arthi</i>
3	Dr.O.Raina	ESS II CSE-B	ESS II IT				IIC Convenor Mentor Admission Work	<i>Dr. Raina</i>
4	Prof. T. Prakash	SNM I IT	SNM I ECE				AICTE In-charge Faculty Advisor Admission Work	<i>T. Prakash</i>
5	Prof.R.Geetha	SNM I CSE-A	SNM I CSE-B	SNM I EEE & I MECH			Faculty Advisor Admission Work	<i>R. Geetha</i>
6	Dr. A. Ponmoni	SNM I AIDS	SNM I CIVIL	YOGA III MECH			ID Card incharge Faculty Advisor Admission Work	<i>Ponmoni</i>
7	Dr. J. Sundararajan	Professional Ethics IV IT			Comm Lab Skilled	Comm Lab Skilled for all Subjects	Admission Work Anti-Ragging Committee Naanmudhalvan	<i>Dr. Sundararajan</i>
8	Prof. Amal Raj	Professional English – II I CSE-A & I EEE	Professional English – II I CSE-A & I EEE	YOGA III CSE	Comm. Lab I CSE-A & I EEE	Comm. Lab I CSE-B & I MECH	Exam Cell Admission Work Mentor Naanmudhalvan	<i>Amal Raj</i>
9	Prof.Saritha Babu	Professional English – II I AI&DS & I CIVIL	Professional English – II I IT & I ECE	YOGA III CIVIL, III EEE & III ECE	Comm. Lab I AI&DS & I CIVIL	Comm. Lab I IT & I ECE	Exam Cell Mentor Admission Work Naanmudhalvan	<i>Saritha Babu</i>
10	Prof. Collin Grace Deborah	PIS I CSE A	PIS I AI&DS	PEE I EEE & I ECE PEE MS I MECH			Women Empowerment Cell Chairperson Faculty Advisor Admission Work	<i>Collin Grace</i>
11	Prof. Sunil	PIS I CSE-B	PIS I IT	PCE I CIVIL			Mentor Admission Work	<i>Sunil</i>
12	Prof.Melita	Tamil I CSE-A & I CSE-B	Tamil I AI&DS & I IT	Tamil I EEE, I ECE, I MECH & I CIVIL			Mentor Admission Work	<i>Melita</i>

*JDM*  
HOD

*[Signature]*  
DEAN/ACADEMICS

*[Signature]*  
PRINCIPAL  
16/8/24



*[Signature]*  
PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 216.



# CSI COLLEGE OF ENGINEERING KETTI

Church of South India Coimbatore Diocese

THE NILGIRIS TAMILNADU 643215 SOUTH INDIA

NAAC Accredited AICTE Approved ANNA UNIVERSITY Affiliated UGC Recognised 2(f) & 12(b)



## DEPARTMENT OF SCIENCE AND HUMANITIES

### TIME TABLE ODD SEMESTER 2023-2024 - I YR/ I SEM (SECTION -A)

#### MASTER TIMETABLE (CSE - A)

Periods	1	2		3	4		5	6	7	
Time	9.15 -10.05 am	10.05- 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 - 3.20 pm	3.20 - 4.20 Pm	
Mon	PHY	PSPP	T E A R E A K	MATHS	CHEM	L U N C H  B R E A K	ENG LAB		TAMIL	
Tue	CHEM	ENG		PHY	MATHS		CHEM	MATHS	PSPP	
Wed	MATHS	ENG		CHEM	PHY		CHEM LAB / CP LAB			
Thu	PSPP	MATHS		PHY	CHEM		PSPP	MENTOR	LIBRARY	
Fri	PHY	ENG		MATHS	PSPP		PHY LAB / CP LAB			

#### Theory

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	HS3151	PROFESSIONAL ENGLISH I	Prof. Saritha Babu	3	3
2	MA3151	MATRICES AND CALCULUS	Prof. Y. Prakash	4	6
3	PH3151	ENGINEERING PHYSICS	Prof.Collin Grace	3	5
4	CY3151	ENGINEERING CHEMISTRY	Dr. Raina	3	5
5	GE3151	PROBLEM SOLVING AND PYTHON PROGRAMMING	Prof.Ruth Samuel	3	5
6	GE3152	HERITAGE OF TAMIL	Dr.Raina	1	1

#### Practicals

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	GE3171	PROBLEM SOLVING AND PYTHON PROGRAMMING LAB	Prof.Ruth Samuel	2	6
2	BS3171	PHYSICS AND CHEMISTRY LAB	Prof.Sunil/Prof.Dominic	2	6
3	GE3172	ENGLISH LAB	Prof.Saritha Babu	1	2

Faculty Advisor: Dr.Raina

Class Mentor : Prof. Y. Prakash

Dean/Academics



*R. Mey Shank*  
Principal

C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 215

HOD/S&H



# CSI COLLEGE OF ENGINEERING KETTI

Church of South India Coimbatore Diocese

THE NILGIRIS TAMILNADU 643215 SOUTH INDIA



NAAC Accredited AICTE Approved ANNA UNIVERSITY Affiliated UGC Recognised 2(f) & 12(b)

## DEPARTMENT OF SCIENCE AND HUMANITIES

### TIME TABLE ODD SEMESTER 2023-2024 - 1 YR/ I SEM (SECTION -B)

#### MASTER TIMETABLE (CSE -B)

Periods	1	2		3	4		5	6	7
Time	9.15 -10.05 am	10.05- 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 - 3.20 pm	3.20 - 4.20 Pm
Mon	CHEM	ENG	T E A B R E A K	CHEM	PSPP	L U N C H B R E A K	PHY LAB / CP LAB		
Tue	MATHS	CHE /CP LAB		CHE LAB / CP LAB			PHY	CHEM	TAMIL
Wed	PHY	MATHS		PSPP	PSPP		MATHS	PHY	ENG
Thu	PHY	ENG		PSPP	CHEM		MATHS	ENG LAB	
Fri	PSPP	PHY		CHEM	MATHS		MATHS	MENTOR	LIBRARY

#### Theory

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	HS3151	PROFESSIONAL ENGLISH I	Prof. Amalraj	3	3
2	MA3151	MATRICES AND CALCULUS	Dr.Ponmoni	4	6
3	PH3151	ENGINEERING PHYSICS	Prof.Libna	3	5
4	CY3151	ENGINEERING CHEMISTRY	Prof. Arthi	3	5
5	GE3151	PROBLEM SOLVING AND PYTHON PROGRAMMING	Prof.Ruth Samuel	3	5
6	GE3152	HERITAGE OF TAMIL	Prof. Amalraj	1	1

#### Practicals

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	GE3171	PROBLEM SOLVING AND PYTHON PROGRAMMING LAB	Prof.Ruth Samuel	2	6
2	BS3171	PHYSICS AND CHEMISTRY LAB	Prof. Sunil/ Dr. Raina	2	6
3	GE3172	ENGLISH LAB	Prof.Amalraj	1	2

Faculty Advisor : Dr.Ponmoni

Class Mentor : Prof.Arthi

HOD/S&H

Dean/Academics



PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 215.



# CSI COLLEGE OF ENGINEERING KETTI

Church of South India Coimbatore Diocese

THE NILGIRIS TAMILNADU 643215 SOUTH INDIA

NAAC Accredited AICTE Approved ANNA UNIVERSITY Affiliated UGC Recognised 2(f) & 12(b)



## DEPARTMENT OF SCIENCE AND HUMANITIES

### TIME TABLE ODD SEMESTER 2023-2024 - I YR/ I SEM (SECTION-C)

#### (ARTIFICIAL INTELIENCE & DATA SCIENCE )

#### MASTER TIMETABLE

Periods	1	2		3	4		5	6	7
Time	9.15 -10.05 am	10.05- 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 - 3.20 pm	3.20 - 4.20 Pm
Mon	CHEM	MATHS	T E A  B R E A K	PSPP	PHY	L U N C H  B R E A K	CHEM LAB / CP LAB		
Tue	MATHS	PSPP		CHEM	ENG		PSPP	PHY	TAMIL
Wed	MATHS	PHY		CHEM	PSPP		ENG	MATHS	LIBRARY
Thu	PHY	CHEM		MATHS	ENG		PHY LAB / CP LAB		
Fri	PSPP	MATHS		PHY	CHEM		ENG LAB	MENTOR	

#### Theory

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	HS3151	PROFESSIONAL ENGLISH I	Prof. Amalraj	3	3
2	MA3151	MATRICES AND CALCULUS	Prof.T.Prakash	4	6
3	PH3151	ENGINEERING PHYSICS	Prof. Collin Grace	3	5
4	CY3151	ENGINEERING CHEMISTRY	Prof.Dominic Xavier	3	5
5	GE3151	PROBLEM SOLVING AND PYTHON PROGRAMMING	Prof.Anitha	3	5
6	GE3152	HERITAGE OF TAMIL	Prof.Prakash Y	1	1

#### Practicals

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	GE3171	PROBLEM SOLVING AND PYTHON PROGRAMMING LAB	Prof.Anitha	2	6
2	BS3171	PHYSICS AND CHEMISTRY LAB	Prof.Sunil/Dr.Raina	2	6
3	GE3172	ENGLISH LAB	Prof.Amalraj	1	2

Faculty Advisor: Prof.Collin Grace

Class Mentor: Prof. Amalraj

HOD/S&H

Dean/Academic



Principal Signature  
PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI



**DEPARTMENT OF SCIENCE AND HUMANITIES**  
**TIME TABLE ODD SEMESTER 2023-2024 - 1 YR/1 SEM (SECTION -D)**  
**MASTER TIMETABLE (IT)**

Periods	1	2		3	4		5	6	7	
Time	9.15 -10.05 am	10.05- 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 - 3.20 pm	3.20 - 4.20 Pm	
Mon	MATHS	CHEM	T E A  B R E A K	PSPP	PHY	L U N C H  B R E A K	MATHS	PSPP	MENTOR	
Tue	PHY	PSPP		CHEM	ENG		PHY	CHEM	LIBRARY	
Wed	PSPP	MATHS		ENG	PSPP		PHY LAB / CP LAB			
Thu	CHEM	MATHS		MATHS	PHY		ENG LAB	TAMIL		
Fri	PHY	CHEM		ENG	MATHS		CHEM LAB / CP LAB			

**Theory**

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	HS3151	PROFESSIONAL ENGLISH I	Prof.Saritha Babu	3	3
2	MA3151	MATRICES AND CALCULUS	Prof. Geetha	4	6
3	PH3151	ENGINEERING PHYSICS	Prof. Sunil	3	5
4	CY3151	ENGINEERING CHEMISTRY	Dr.Raina	3	5
5	GE3151	PROBLEM SOLVING AND PYTHON PROGRAMMING	Prof.Jaya Lakshmi	3	5
6	GE3152	HERITAGE OF TAMIL	Prof.Collin Grace	1	1

**Practicals**

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	GE3171	PROBLEM SOLVING AND PYTHON PROGRAMMING LAB	Prof.Jaya Lakshmi	2	6
2	BS3171	PHYSICS AND CHEMISTRY LAB	Prof.Libna/Prof.Arthi	2	6
3	GE3172	ENGLISH LAB	Prof.Saritha Babu	1	2

Faculty Advisor : Prof.Geetha  
 Class Mentor: Prof.Sunil

*[Signature]*  
 HOD/S&H

*[Signature]*  
 Dean/Academics  
 Date



*[Signature]*  
 PRINCIPAL  
**C.S.I. COLLEGE OF ENGINEERING**  
 KETTI - 643 215



# CSI COLLEGE OF ENGINEERING KETTI

Church of South India Coimbatore Diocese

THE NILGIRIS TAMILNADU 643215 SOUTH INDIA



NAAC Accredited AICTE Approved ANNA UNIVERSITY Affiliated UGC Recognised 2(f) & 12(b)

## DEPARTMENT OF SCIENCE AND HUMANITIES

### TIME TABLE ODD SEMESTER 2023-2024 - I YR/ I SEM (SECTION -E)

### MASTER TIMETABLE (ECE/EEE/CIVIL/MECH)

Periods	1	2		3	4		5	6	7
Time	9.15 -10.05 am	10.05- 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 - 3.20 pm	3.20 - 4.20 Pm
Mon	PHY	PHY/ CP LAB	T E A  B R E A K	PH/CP LAB	PH/CP LAB	L U N C H  B R E A K	MATHS	MATHS	CHEM
Tue	ENG	PSPP		CHEM	MATHS		CHE LAB/ CP LAB		
Wed	PSPP	MATHS		PHY	PSPP		ENG LAB		MENTOR
Thu	MATHS	CHEM		ENG	PSPP		PHY	CHEM	LIBRARY
Fri	CHEM	PSPP		PHY	MATHS		ENG	PHY	TAMIL

#### Theory

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	HS3151	PROFESSIONAL ENGLISH I	Prof.Saritha Babu	3	3
2	MA3151	MATRICES AND CALCULUS	Prof.T.Prasadh	4	6
3	PH3151	ENGINEERING PHYSICS	Prof. Libna	3	5
4	CY3151	ENGINEERING CHEMISTRY	Prof. Arthi	3	5
5	GE3151	PROBLEM SOLVING AND PYTHON PROGRAMMING	Prof.Ramakrishnan	3	5
6	GE3152	HERITAGE OF TAMIL	Prof.Saritha Babu	1	1

#### Practicals

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	GE3171	PROBLEM SOLVING AND PYTHON PROGRAMMING LAB	Prof.Ramakrishnan	2	6
2	BS3171	PHYSICS AND CHEMISTRY LAB	Prof.Collin/Prof.Dominic	2	6
3	GE3172	ENGLISH LAB	Prof.Saritha Babu	1	2

Faculty Advisor : Prof.Prakash T

Class Mentor's : Prof.Saritha Babu & Prof.Libna

HOD/S&H

Dean/Academics



Principal PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 215.





**DEPARTMENT OF SCIENCE AND HUMANITIES**  
**TIME TABLE EVEN SEMESTER 2023-2024 – FIRST YEAR/II- SEM**  
**( SECTION - A) / CSE –A & EEE**

Periods	1	2		3	4		5	6		7	8
Time	9.15 - 10.05 am	10.05- 10.55 am		11.10- 12.00 am	12.00 - 12.50 pm		1.50 -2.40 pm	2.40 – 3.30 pm		3.40 – 4.30 Pm	4.30 – 5.2 Pm
Mon	ENG	BEEE/ BCM	T E A B R E A K	MATHS	MATHS	L U N C H B R E A K	CP/PHY	EG	T E A B R E A K	EG	
Tue	CP/PHY	MATHS		PHY/ ECA	BEEE / BCM		PHY/ ECA	CP LAB / EP LAB/EC LAB		CP LAB / EP LAB/EC LAB	
Wed	ENG	NAN MUTHALVAN		NAN MUTHALVAN			NAN MUTHALVAN			NAN MUTHALVAN	
Thu	PHY/ ECA	CP/PHY		MATHS	LIBRARY/ SEMINAR		BEEE/ BCM	CP LAB / EP LAB		CP LAB / EP LAB	
Fri	CP/ PHY	EG		EG			PHY/ECA	BEEE/ BCM		MATHS	TAMIL

**Theory**

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	HS3251	PROFESSIONAL ENGLISH II	Prof.Amalraj	2	2
2	MA3251	STATISTICS AND NUMERICAL METHODS	Prof.Geetha	4	4
3	PH3256	PHYSICS FOR INFORMATION SCIENCE/PHYSICS FOR ELEC EN	Prof.Collin	3	3
4	BE3251	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.Issac	3	4
5	GE3251	ENGINEERING GRAPHICS	Prof.Nijesh	6	6
6	CS3251	PROGRAMMING IN C	Prof.Priya	3	3
7	GE3252	TAMILS AND TECHNOLOGY	Prof.Melita	1	1
8	BE3255	BASIC CIVIL AND MECH ENGG	Prof.Irfana/Dr.Faizur	3	4
9	EE3251	ELECTRIC CIRCUIT ANALYSIS	Prof. Deepa	4	4

**Practicals**

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	GE3271	ENGINEERING PRACTICES LAB	Prof.Nijesh/Isaac/ Lakshmi	2	3
2	CS3271	PROGRAMMING IN 'C' LAB	Prof.Vijayaraj	2	3
3	GE3272	COMMUNICATION LAB	Prof.Amalraj/Dr.Sundar	2	3
4	EE3271	ELECTRIC CIRCUITS LAB	Prof.Sathyabama	2	3

*[Signature]*  
HOD /S&H

*[Signature]*  
DEAN/ACADEMICS

FACULTY ADVISOR : Prof.Geetha  
MENTOR : Prof.Collin Grace

*[Signature]*  
PRINCIPAL

*[Signature]*  
DIRECTOR



*[Signature]*  
PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI-643 216.



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES

### TIME TABLE EVEN SEMESTER 2023-2024 – FIRST YEAR/ II- SEM

#### ( SECTION – B) CSE – B / MECH

Periods	1	2		3	4		5	6		7	8
Time	9.15 -10.05 am	10.05– 10.55 am		11.10- 12.00 am	12.00 - 12.50 pm		1.50 - 2.40 pm	2.40 – 3.30 pm		3.40 – 4.30 Pm	4.30 – 5.20 Pm
Mon	BEEE	EG	T E A B R E A K	EG		L U N C H B R E A K	MATHS	CP LAB / EP LAB/BEE E LAB	T E A B R E A K	CP LAB / EP LAB/BEE E LAB	
Tue	CP / PHY	PHY/SEM		MATHS	MATHS		ENG	BEEE		PHY/SE M	BEEE
Wed	NAN MUTHALVAN			NAN MUTHALVAN			ENG	NAN MUTHALVAN		NAN MUTHALVAN	
Thu	ENG	CP / PHY		PHY/SE M	BEEE		CP / PHY	EG		EG	
Fri	CP / PHY	ENG		MATHS	MATHS		TAMIL	CP LAB/EP LAB		CP LAB/EP LAB	

#### Theory

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	HS3251	PROFESSIONAL ENGLISH II	Prof.Amalraj	2	2
2	MA3251	STATISTICS AND NUMERICAL METHODS	Prof.Geetha	4	4
3	PH3256	PHYSICS FOR INFORMATION SCIENCE / MATERIAL SCIENCE	Prof.Sunil/Prof.Nithya	3	3
4	BE3251	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.Isaac/Lakshmi	3	3
5	GE3251	ENGINEERING GRAPHICS	Dr.Manoj Prabhakar	6	6
6	CS3251	PROGRAMMING IN C	Prof.Ruth	3	3
7	GE3252	TAMILS AND TECHNOLOGY	Prof.Melita	1	1

#### Practicals

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	GE3271	ENGINEERING PRACTICES LAB	Prof.Pradap/Shankar	2	3
2	CS3271	PROGRAMMING IN 'C' LAB	Prof.Ramya	2	3
3	GE3272	COMMUNICATION LAB	Prof.Amalraj/Dr.Sundar	2	3
4	BE3271	BASIC ELECTRICAL & ELECTRONICS ENG LAB	Prof.Isaac	2	3

FACULTY ADVISOR : Prof.Sunil  
MENTOR : Prof.Amalraj

HOD/S&H

DEAN/ACADEMICS



PRINCIPAL

DIRECTOR PRINCIPAL

CSI COLLEGE OF ENGINEERING  
KETTI - 643 216.



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1988),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES

### TIME TABLE EVEN SEMESTER 2023-2024- I YR/ II SEM

#### (SECTION - C) IT / ECE

Periods	1	2		3	4		5	6		7	8
Time	9.15 -10.05 am	10.05-10.55 am		11.10-12.00 am	12.00 - 12.50 pm		1.50 - 2.40 pm	2.40 - 3.30 pm		3.40 - 4.30 Pm	4.30 : Pm
Mon	BEEE /BEIE	MATHS	T E A B R E A K	MATHS	PHY / CA	L U N C H B R E A K	CP / PHY	CP LAB / EP LAB/CA LAB	T E A B R E A K	CP LAB / EP LAB/CA LAB	
Tue	CP / PHY	EG		EG			PHY / CA	BEEE/BEIE		TAMIL	BEEE/BEIE
Wed	ENG	NAN MUTHALVAN		NAN MUTHALVAN			NAN MUTHALVAN			NAN MUTHALVAN	
Thu	PHY / CA	CP / PHY		MATHS	BEEE/BEIE		MATHS	ENG		PHY / CA	LIBRAI SEMIN
Fri	CP / PHY	CP LAB / EP LAB		CP LAB / EP LAB			MATHS	EG		EG	

#### Theory

S.No	Subject code	Subject name	Staff name	Credit	No. of Hour
1	HS3251	PROFESSIONAL ENGLISH II	Prof.Saritha	2	2
2	MA3251	STATISTICS AND NUMERICAL METHODS	Prof.Prakash T	4	4
3	PH3256	PHYSICS FOR INFORMATION SCIENCE/PHYSICS FOR ELECTR	Prof.Nithya/Prof.Collin	3	3
4	BE3251	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.Lakshmi Priya/Kowsalya	3	3
5	GE3251	ENGINEERING GRAPHICS	Prof.Nijesh	6	6
6	CS3251	PROGRAMMING IN C	Prof.Anitha	3	3
7	GE3252	TAMILS AND TECHNOLOGY	Prof.Melita	1	1
8	BE3254	ELECTRICAL AND INSTR. ENGG	Prof.Isaac	3	3
9	EC3251	CIRCUIT ANALYSIS	Dr.Silamboli	4	4

#### Practicals

S.No	Subject code	Subject name	Staff name	Credit	No. of Hour
1	GE3271	ENGINEERING PRACTICES LAB	Dr.Joshua/Kowsalya	2	3
2	CS3271	PROGRAMMING IN 'C' LAB	Prof.Anitha	2	3
3	GE3272	COMMUNICATION LAB	Prof.Saritha/Dr.Sundar	2	3
4	EC3271	CIRCUITS ANALYSIS LAB	Dr.Silamboli	1	3

FACULTY ADVISOR : Prof.Prakash T  
MENTOR : Prof.Saritha & Prof.Arthi

HOD/S&H

DEAN/ACADEMICS

PRINCIPAL

DIRECTOR

CSI COLLEGE OF ENGINEERING  
KETTI - 643 215.





# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES

### TIME TABLE EVEN SEMESTER 2023-2024 FIRST YEAR/ II- SEM

#### (SECTION - D) AI & DS / CIVIL

Periods	1	2		3	4		5	6		7	8
Time	9.15 - 10.05 am	10.05 - 10.55 am		11.10 - 12.00 am	12.00 - 12.50 pm		1.50 - 2.40 pm	2.40 - 3.30 pm		3.40 - 4.30 Pm	4.30 - 5.2 Pm
Mon	MATHS	DSD / PHY	T E A B R E A K	TAMIL	PHY/SEM	L U N C H B R E A K	ENG	MATHS	T E A B R E A K	BEEE/BEIE	DSD / PH
Tue	MATHS	EP / DSD LAB		EP LAB / DSD LAB			BEEE/BEIE	EG		EG	
Wed	NAN MUTHALVAN			NAN MUTHALVAN			ENG	NAN MUTHALVAN		NAN MUTHALVAN	
Thu	MATHS	EG		EG			DSD / PHY	PHY/SEM		BEEE/BEIE	MATHS
Fri	BEEE/BEIE	DSD / PHY		PHY/SEM	LIBRARY/ SEMINAR		PHY/SEM	EP LAB / DSD LAB / BEEEIE LAB		EP LAB / DSD LAB / BEEEIE LAB	

#### Theory

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	HS3251	PROFESSIONAL ENGLISH II	Prof.Saritha	2	2
2	MA3251	STATISTICS AND NUMERICAL METHODS	Dr.Ponmoni	4	5
3	PH3256	PHYSICS FOR INFORMATION SCIENCE/PHYSICS FOR CIVIL	Prof.Nithya/Prof.Sunil	3	3
4	BE3251	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.Shankar	3	4
5	BE3252	BASIC ELE & ELEC AND INS ENG	Prof.Shankar		
6	GE3251	ENGINEERING GRAPHICS	Dr.Manoj Prabhakar	6	6
7	CS3251	DATA STRUCTURES DESIGN	Dr.Chandrasekar	3	4
8	GE3252	TAMILS AND TECHNOLOGY	Prof.Melita	1	1

#### Practicals

S.No	Subject code	Subject name	Staff name	Credit	No. of Hours
1	GE3271	ENGINEERING PRACTICES LAB	Dr.Manoj/Sathyabama	2	3
2	CS3271	DATA STRUCTURES DESIGN LAB	Prof.Ramakrishnan	2	3
3	GE3272	COMMUNICATION LAB	Prof.Saritha/Dr.Sundar	2	3
4	BE3272	BASIC ELE.ELECTR & IN EN LAB	Prof.Lakshmi Priya	2	3

FACULTY ADVISOR : Dr.Ponmoni  
MENTOR : Prof.Nithya/Dr.Raina

HOD/S&H

DEAN/ACADEMICS

PRINCIPAL

DIRECTOR



PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 216.

*R. May Shanthi*  
PRINCIPAL

*R. May Shanthi*



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ETJ97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES

### TIME TABLE ODD SEMESTER 2023 – 2024

#### INDIVIDUAL TIMETABLE

NAME OF THE STAFF: Prof.J. DOMINIC XAVIER


Periods	1	2		3	4		5	6	7
Time	9.15 -10.05 am	10.05– 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 – 3.30 pm	3.30 – 4.20 pm
Mon	I AI&DS ENGG.CHEM		T E A  B R E A K			L U N C H  B R E A K			
Tue				I AI&DS ENGG.CHEM			I EEE/CVL/ECE /MECH CHEM LAB	I EEE/CVL/ECE /MECH CHEM LAB	I EEE/CVL/ECE /MECH CHEM LAB
Wed				I AI&DS ENGG.CHEM			I CSE-A CHEM LAB	I CSE-A CHEM LAB	I CSE-A CHEM LAB
Thu		I AI&DS ENGG.CHEM							
Fri	I AI&DS ENGG.CHEM								

S.No	Subject code	Subject name	Year/Sem	Credit	No. of Hours
1	CY3151	ENGINEERING CHEMISTRY	I/I	3	5
2	BS3171	PHYSICS AND CHEMISTRY LAB	I/I	2	3
3	BS3171	PHYSICS AND CHEMISTRY LAB	I/I	2	3

  
Time Table Incharge

  
HoD Signature



  
PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI - 643 216.



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998);  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES TIME TABLE ODD SEMESTER 2023 – 2024 INDIVIDUAL TIMETABLE

NAME OF THE STAFF: Prof.R. ARTHI

Periods	1	2		3	4		5	6	7		
Time	9.15-10.05 am	10.05- 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 – 3.30 pm	3.30 – 4.20 pm		
Mon	I CSE-B ENGG.CHEM		T E A  B R E A K	I CSE-B ENGG.CHEM		L U N C H  B R E A K			I EEE/CVL/ECE /MECH ENGG.CHEM		
Tue				I EEE/CVL/ECE/ MECH ENGG.CHEM					I CSE-B ENGG.CHEM		
Wed											
Thu		I EEE/CVL/ECE/ MECH ENGG.CHEM					I CSE-B ENGG.CHEM		II CIVIL WWA LAB	I EEE/CVL/ECE /MECH ENGG.CHEM II CIVIL WWA LAB	II CIVIL WWA LAB
Fri	I EEE/CVL/ECE /MECH ENGG.CHEM				I CSE-B ENGG.CHEM				I IT CHEM LAB	I IT CHEM LAB	I IT CHEM LAB

S.No	Subject code	Subject name	Year/Sem	Credit	No. of Hours
1	CY3151	ENGINEERING CHEMISTRY	I/I	3	5
2	CY3151	ENGINEERING CHEMISTRY	I/I	3	5
3	BS3171	PHYSICS AND CHEMISTRY LAB	I / I	2	3
4	CE3311	WATER & WASTE WATER ANALYSIS LAB	II / III	1.5	3

Time Table Incharge

HoD Signature



PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI - 643 216.

*L. May Shank*



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ETJ97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES TIME TABLE ODD SEMESTER 2023 – 2024 INDIVIDUAL TIMETABLE

NAME OF THE STAFF: Dr.O.Raina

Periods	1	2		3	4		5	6	7	
Time	9.15 -10.05 am	10.05– 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 – 3.30 pm	3.30 – 4.20 pm	
Mon		1 IT ENGG. CHEM	T E A B R E A K		1 CSE-A ENGG.CHEM	L U N C H B R E A K	1 AI&DS CHEM LAB	1 AI&DS CHEM LAB	1 AI&DS CHEM LAB	
Tue	1 CSE-A ENGG.CHEM	1 CSE-B CHEM LAB		1 CSE-B CHEM LAB 1 IT ENGG. CHEM	1 CSE-B CHEM LAB		1 CSE-A ENGG.CHEM	1 IF ENGG. CHEM		
Wed				1 CSE-A ENGG.CHEM						
Thu	1 IT ENGG. CHEM				1 CSE-A ENGG.CHEM					1 CSI -A TAMIL
Fri		1 IT ENGG. CHEM								

S.No	Subject code	Subject name	Year/Sem	Credit	No. of Hours
1	CY3151	ENGINEERING CHEMISTRY	I/I	3	5
2	CY3151	ENGINEERING CHEMISTRY	I/I	3	5
3	BS3171	PHYSICS AND CHEMISTRY LAB	I/I	2	3
4	BS3171	PHYSICS AND CHEMISTRY LAB	I/I	2	3
5	GE 3152	HERITAGE OF TAMILS	I/I	1	1

  
Time Table Incharge

  
HoD Signature



PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 216.





DEPARTMENT OF SCIENCE AND HUMANITIES  
TIME TABLE EVEN SEMESTER 2023 – 2024  
INDIVIDUAL TIMETABLE

NAME OF THE STAFF: Prof.J. DOMINIC XAVIER

Periods	1	2		3	4		5	6	7	
Time	9.15 -10.05 am	10.05– 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 – 3.30 pm	3.30 – 4.20 pm	
Mon			T E A  B R E A K			L U N C H  B R E A K				
Tue								II CSE-A ESS		
Wed										
Thu	II CSE-A ESS									
Fri										

S.No	Subject code	Subject name	Year/Sem	Credit	No. of Hours
1	GE3451	ENVIRONMENTAL SCIENCE & SUSTAINABILITY	II/IV	2	2

  
Time Table Incharge

  
HoD Signature



PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI-643 216.







# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET[97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES TIME TABLE EVEN SEMESTER 2023 – 2024 INDIVIDUAL TIMETABLE

NAME OF THE STAFF: Prof.R. ARTHI

Periods	1	2		3	4		5	6	7	
Time	9.15 -10.05 am	10.05– 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 – 3.30 pm	3.30 – 4.20 pm	
Mon	II EEE ESS		T E A  B R E A K			L U N C H  B R E A K	II MECH ESS			
Tue										
Wed										
Thu		II EEE , II ECE & II CIVIL ESS							II MECH ESS	
Fri					II EEE , II ECE & II CIVIL ESS					

S.No	Subject code	Subject name	Year/Sem	Credit	No. of Hours
1	GE3451	ENVIRONMENTAL SCIENCE & SUSTAINABILITY	II/IV	2	2
2	GE3451	ENVIRONMENTAL SCIENCE & SUSTAINABILITY	II/IV	2	2
3	GE3451	ENVIRONMENTAL SCIENCE & SUSTAINABILITY	II/IV	2	2
4	GE3451	ENVIRONMENTAL SCIENCE & SUSTAINABILITY	II/IV	2	2

*R. Arthi*  
Time Table Incharge

*[Signature]*  
HoD Signature



PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI - 643 216.

*[Signature]*



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-62-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## DEPARTMENT OF SCIENCE AND HUMANITIES TIME TABLE EVEN SEMESTER 2023 – 2024 INDIVIDUAL TIMETABLE

NAME OF THE STAFF: Dr.O.Raina

Periods	1	2		3	4		5	6	7	
Time	9.15 -10.05 am	10.05– 10.55 am		11.10-12.00 am	12.00 -12.50 pm		1.50 -2.40 pm	2.40 – 3.30 pm	3.30 – 4.20 pm	
Mon	II IT ESS		T E A  B R E A K			L U N C H  B R E A K				
Tue	II CSE-B ESS									
Wed										
Thu	II IT ESS									
Fri	II CSE-B ESS									

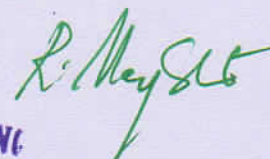
S.No	Subject code	Subject name	Year/Sem	Credit	No. of Hours
1	GE3451	ENVIRONMENTAL SCIENCE & SUSTAINABILITY	II/IV	2	2
2	GE3451	ENVIRONMENTAL SCIENCE & SUSTAINABILITY	II/IV	2	2

  
Time Table Incharge

  
HoD Signature



  
PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 216.





# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
 Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
 Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## LESSON PLAN

<b>FACULTY NAME: Prof.R.ARTHI</b>			
<b>REGULATION</b>	<b>2021</b>	<b>PROGRAMME</b>	<b>B.E. CIVIL</b>
<b>YEAR</b>	<b>II</b>	<b>SEMESTER</b>	<b>IV</b>
<b>COURSE NAME</b>	<b>ENVIRONMENTAL SCIENCES AND SUSTAINABILITY</b>	<b>COURSE CODE</b>	<b>GE3451</b>

UNIT	TOPIC	STARTING DATE	ENDING DATE	REFERENCE/ TEXT BOOKS	TEACHING METHODOLOGY
<b>I</b>	<b>ENVIRONMENT AND BIODIVERSITY</b>				
<b>I</b>	Definition, scope and importance of environment- need for public awareness. Eco-system and Energyflow-Ecological succession.	Day 1	Day 1	WR1 T2 (2 – 7) T2 (73-79)	BB/PPT
<b>I</b>	Types of biodiversity: genetic, species and ecosystem diversity-values of biodiversity.	Day 2	Day 2	WR1 [T2] – (94-100)	BB/PPT
<b>I</b>	India as a mega-diversity nation-hot-spots of biodiversity	Day 3	Day 3	WR1 T2 (103) [T2]-(108-110)	BB/PPT
<b>I</b>	Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts	Day 4	Day 4	WR1 T2 (105 –107)	BB/PPT
<b>I</b>	Endangered and endemic species of India	Day 5	Day 5	WR1 T2 (104-105) T2 (110-112)	BB/PPT
<b>I</b>	Conservation of biodiversity: In-situ and ex-situ.	Day 6	Day 6	WR1 T2 (112 –114)	BB/PPT
<b>II</b>	<b>ENVIRONMENTAL POLLUTION</b>				
<b>II</b>	Causes, Effects and Preventive measures of water, soil	Day 7	Day 7	WR2 T2 (137-143) T2 (158-160)	BB/PPT
<b>II</b>	Air and noise pollutions.	Day 8	Day 8	WR2 T2 (118-136) T2 (165-168)	BB/PPT
<b>II</b>	Solid and Hazardous waste management.			WR2 T2(187) T2 (169-187)	BB/PPT
<b>II</b>	E-Waste management.	Day 9	Day 9	T2(195)	BB/PPT
<b>II</b>	Case studies on Occupational Health and Safety Management system (OHASMS)	Day 11	Day 11	WR3	BB/PPT
<b>II</b>	Environmental protection acts.	Day 12	Day 12	WR4 [T2] – (237-243)	BB/PPT



PRINCIPAL  
 CSI COLLEGE OF ENGINEERING  
 KETTI - 643 216.

*R. Arthi*



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



III	<b>RENEWABLE SOURCES OF ENERGY</b>				
III	Energy management and conservation	Day 13	Day 13	WR5	BB/PPT
III	New energy sources: Need of new sources.	Day 14	Day 14	WR5	BB/PPT
III	Different types new energy sources.	Day 15	Day 15	WR5	BB/PPT
III	Applications of Hydrogen energy	Day 16	Day 16	WR5	BB/PPT
III	Ocean energy resources, Tidal energy conversion	Day 17	Day 17	WR5	BB/PPT
III	Concept, origin and power plants of geothermal energy.	Day 18	Day 18	WR5	BB/PPT
IV	<b>SUSTAINABILITY AND MANAGEMENT</b>				
IV	Development, GDP. Sustainability-concept, needs and challenges-economic, social and aspects of sustainability, from unsustainability to sustainability	Day 19	Day 19	WR6	BB/PPT
IV	Millennium development goals and protocols- sustainable Development goals	Day 20	Day 20	WR7	BB/PPT
IV	Targets, indicators and intervention areas	Day 21	Day 21	WR7	BB/PPT
IV	Climate change- Global Regional and local environmental issues and possible solutions- case studies.	Day 22	Day 22	[T2] - (223-234) WR8	BB/PPT
IV	Concept of Carbon credit, Carbon footprint.	Day 23	Day 23	WR9	BB/PPT
IV	Environmental management in industry- A case study.	Day 24	Day 24	WR8	BB/PPT
V	<b>SUSTAINABILITY PRACTICES</b>				
V	Zero waste and R concept, circular economy, ISO 14000 Series, Material Life cycle assessment, Environmental Impact Assessment	Day 25	Day 25	WR10 [T2] - (257) [T2] - (246) [T3] - (561)	BB/PPT
V	Sustainable habitat: Green buildings	Day 26	Day 26	WR10	BB/PPT
V	Green materials, Energy efficiency, sustainable transports	Day 27	Day 27	WR10	BB/PPT
V	Sustainable energy: Non-conventional sources, Energy Cycles- carbon cycle, Emission and sequestration	Day 28	Day 28	WR10 T2(80)	BB/PPT
V	Green Engineering: Sustainable urbanization	Day 29	Day 29	WR11	BB/PPT
V	Socio-economical and technological change.	Day 30	Day 30	WR11	BB/PPT



PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI - 643 216.

*L. My Shant*



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## TEXT BOOKS:

1. Anubha Kaushik and C. P. Kaushik's "Perspectives in Environmental Studies", 6th Edition, New Age International Publishers, 2018.
2. Benny Joseph, 'Environmental Science and Engineering', Tata McGraw-Hill, New Delhi, 2016.
3. Gilbert M. Masters, 'Introduction to Environmental Engineering and Science', 2nd edition, Pearson Education, 2004.
4. Allen, D. T. and Shonnard, D. R., Sustainability Engineering: Concepts, Design and Case Studies, Prentice Hall.
5. Bradley, A.S; Adebayo, A.O., Maria, P. Engineering applications in sustainable design and development, Cengage learning.
6. Environment Impact Assessment Guidelines, Notification of Government of India, 2006.
7. Mackenthun, K.M., Basic Concepts in Environmental Management, Lewis Publication, London, 1998.

## REFERENCES :

1. R.K. Trivedi, 'Handbook of Environmental Laws, Rules, Guidelines, Compliances and Standards', Vol. I and II, Enviro Media. 38. Edition 2010.
2. Cunningham, W.P. Cooper, T.H. Gorhani, 'Environmental Encyclopedia', Jaico Publ., House, Mumbai, 2001.
3. Dharmendra S. Sengar, 'Environmental law', Prentice hall of India PVT. LTD, New Delhi, 2007.
4. Rajagopalan, R, 'Environmental Studies-From Crisis to Cure', Oxford University Press, Third Edition, 2015.
5. Erach Bharucha "Textbook of Environmental Studies for Undergraduate Courses" Orient Blackswan Pvt. Ltd. 2013.

## WEB REFERENCE:

1. <https://www.svce.ac.in/wp-content/uploads/2021/01/EVS-UNIT-1.pdf>
2. <https://www.lkouniv.ac.in/site/writereaddata/siteContent/202005012116016435Ranvijay-Pratap-Singh-Environmental-Pollution.pdf>
3. <https://www.colden.com/occupational-health-and-safety-management-systems-ohsms/>
4. [https://www.indiacode.nic.in/bitstream/123456789/6196/1/the\\_environment\\_protection\\_act%2C1986.pdf](https://www.indiacode.nic.in/bitstream/123456789/6196/1/the_environment_protection_act%2C1986.pdf)
5. [https://www.lkouniv.ac.in/site/writereaddata/siteContent/202004061923053177ranvijay\\_engg\\_Energy Resources.pdf](https://www.lkouniv.ac.in/site/writereaddata/siteContent/202004061923053177ranvijay_engg_Energy_Resources.pdf)
6. [https://proyectaryproducir.com.ar/public\\_html/Seminarios\\_Posgrado/Material\\_de\\_referencia/Concept%20of%20Environmental%20Sustainability%202097196.pdf](https://proyectaryproducir.com.ar/public_html/Seminarios_Posgrado/Material_de_referencia/Concept%20of%20Environmental%20Sustainability%202097196.pdf)
7. <https://www.local2030.org/library/251/From-MDGs-to-SDGs-What-are-the-Sustainable-Development-Goals.pdf>
8. <https://climate-adapt.eea.europa.eu/en/about/climate-adapt-10-case-studies-online.pdf>
9. [https://youmatter.world/en/definition/definitions-carbon-price-carbon-credit/#:~:text=A%20carbon%20credit%20represents%20the,of%20greenhouse%20gases%20\(GHG\).](https://youmatter.world/en/definition/definitions-carbon-price-carbon-credit/#:~:text=A%20carbon%20credit%20represents%20the,of%20greenhouse%20gases%20(GHG).)
10. [http://www.ca-ilg.org/sites/main/files/sustainability\\_best\\_practices\\_framework\\_7.0\\_version\\_june\\_2013\\_final\\_0.pdf](http://www.ca-ilg.org/sites/main/files/sustainability_best_practices_framework_7.0_version_june_2013_final_0.pdf)
11. [https://cive.com/wp-content/uploads/2019/12/Applicability-of-Green-Engineering\\_compressed.pdf](https://cive.com/wp-content/uploads/2019/12/Applicability-of-Green-Engineering_compressed.pdf)



PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI-643 216,

*R. Meyy Shankar*



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No, 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



## LESSON PLAN

Faculty Name	Prof.R.ARTHI		
Regulation	2021	Programme	B.E CSE-B
Year	I	Semester	I
Course Name	ENGINEERING CHEMISTRY	Course Code	CY3151

UNIT	TOPIC	STARTING DATE	ENDING DATE	REFERENCE BOOKS /TEXTBOOK/ PAGE NO	TEACHING METHODOLOGY
I	WATER & ITS TREATMENT				
I	Water sources & impurities	DAY 1	DAY 1	[R4] – (104 – 106)	LCD/Black Board
I	Water quality parameters	DAY 2	DAY 2	[R4] – (108 – 110) [R4] – (199)	LCD/Black Board
I	Municipal water treatment	DAY 3	DAY 3	[R4] – (156 - 163)	LCD/Black Board
I	Desalination of brackish water	DAY 4	DAY 4	[R4] – (163 - 164)	LCD/Black Board
I	Boiler troubles	DAY 5	DAY 5	[R4] – (122 - 127)	LCD/Black Board
I	Caustic embrittlement – Priming & Foaming	DAY 6	DAY 6	[R4] – (127 - 130)	LCD/Black Board
I	Boiler feed water – internal treatment	DAY 7	DAY 7	[R4] – (125 - 127)	LCD/Black Board
I	External treatment – Zeolite process	DAY 8	DAY 8	[R4] – (149 - 151)	LCD/Black Board
I	Ion – Exchange Process	DAY 9	DAY 9	[R4] – (149 - 151)	LCD/Black Board
II	NANO CHEMISTRY				
II	Basics	DAY 10	DAY 10	[R4] – (1234-1235)	LCD/Black Board
II	Difference between molecules, nanomaterials & bulk materials	DAY 11	DAY 11	[R4] – (104 – 106)	LCD/Black Board
II	Size dependent properties	DAY 12	DAY 12	[R4] – (1236)	LCD/Black Board
II	Types of nanomaterials – nanoparticle – nano tube	DAY 13	DAY 13	[R4] – (1245 - 1247)	LCD/Black Board
II	Nano rod, Nano wire & Nano cluster	DAY 14	DAY 14	[R4] – (1247 - 1250)	LCD/Black Board
II	Preparation of nano materials – solgel and solvothermal	DAY 15	DAY 15	WR1 – (3 - 7) WR2	LCD/Black Board
II	Laser ablation, CVD	DAY 16	DAY 16	WR1 – (3 - 7) WR2	LCD/Black Board
II	Electrochemical deposition, Electrospinning	DAY 17	DAY 17	WR1 – (3 - 7) WR2	LCD/Black Board
II	Applications	DAY 18	DAY 18	WR1 – (8 - 11)	LCD/Black Board
III	PHASE RULE & COMPOSITES				
III	Introduction, Definition of terms	DAY 19	DAY 19	[R4] – (255 - 263)	LCD/Black Board
III	One component system	DAY 20	DAY 20	[R4] – (264 - 266)	LCD/Black Board
III	Thermal analysis	DAY 21	DAY 21	[R4] – (270 - 273)	LCD/Black Board
III	Reduced phase rule – two component system	DAY 22	DAY 22	[R4] – (273 - 277)	LCD/Black Board
III	Definition & need for composites	DAY 23	DAY 23	WR3, WR4	LCD/Black Board
III	Constitution – matrix materials	DAY 24	DAY 24	WR3, WR4	LCD/Black Board
III	Reinforcement	DAY 25	DAY 25	WR3, WR4	LCD/Black Board
III	Metal matrix & Ceramic matrix Composites	DAY 26	DAY 26	WR3, WR4	LCD/Black Board
III	Polymer matrix & Hybrid	DAY 27	DAY 27	WR3, WR4	LCD/Black Board



PRINCIPAL  
CSI COLLEGE OF ENGINEERING  
KETTI - 643 215,

*R. Mary Shanti*



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



	composites				
IV	FUELS & COMBUSTION				
IV	Fuels – Introduction- Classification-Coal & Coke	DAY 28	DAY 28	[R4] – (1 - 4)	LCD/Black Board
IV	Analysis of Coal	DAY 29	DAY 29	[R4] – (16 - 26)	LCD/Black Board
IV	Carbonisation – Metallurgical coke	DAY 30	DAY 30	[R4] – (29 - 35)	LCD/Black Board
IV	Petroleum & Diesel – Bergius process	DAY 31	DAY 31	[R4] – (35 - 38) [R4] – (43 - 44)	LCD/Black Board
IV	Power alcohol and Biodiesel	DAY 32	DAY 32	[R4] – (51 - 52)	LCD/Black Board
IV	Knocking, Octane number, Cetane number, diesel oil, Ignition & Spontaneous ignition temperature, Explosive range	DAY 33	DAY 33	[R4] – (45 - 49) [T1] – (95)	LCD/Black Board
IV	Combustion of fuels – Calorific value	DAY 34	DAY 34	[T1] – (95) [R4] – (4 - 5)	LCD/Black Board
IV	Flue gas analysis	DAY 35	DAY 35	[R4] – (60 - 62)	LCD/Black Board
IV	CO <sub>2</sub> Emission & Carbon Footprint	DAY 36	DAY 36	WR5	LCD/Black Board
V	ENERGY SOURCES & STORAGE DEVICES				
V	Stability of nucleus – Mass defect-Binding & Nuclear Energy	DAY 37	DAY 37	[R4] – (88 - 91)	LCD/Black Board
V	Light water nuclear plant – Breeder reactor	DAY 38	DAY 38	[R4] – (91 - 93)	LCD/Black Board
V	Solar Energy Conversion	DAY 39	DAY 39	[R4] – (76 - 78)	LCD/Black Board
V	Wind & Geothermal Energy	DAY 39	DAY 39	[R4] – (78 - 79) [R4] – (83 - 84)	LCD/Black Board
V	Batteries – Types – Primary battery	DAY 41	DAY 41	[T1] – (300 - 302)	LCD/Black Board
V	Secondary Battery	DAY 42	DAY 42	[T2] – (309 - 310) WR6 (5.17 – 5.18)	LCD/Black Board
V	E - Vehicles	DAY 43	DAY 43	WR7	LCD/Black Board
V	Fuel Cells	DAY 44	DAY 44	WR6 (5.18 – 5.22)	LCD/Black Board
V	Super Capacitor	DAY 45	DAY 45	WR6 (5.18 – 5.22)	LCD/Black Board

## TEXT BOOKS:

1. P. C. Jain and Monica Jain, "Engineering Chemistry", 17th Edition, Dhanpat Rai Publishing Company (P) Ltd, New Delhi, 2018.
2. Sivasankar B., "Engineering Chemistry", Tata McGraw-Hill Publishing Company Ltd, New Delhi, 2008.
3. S.S. Dara, "A Text book of Engineering Chemistry", S. Chand Publishing, 12th Edition, 2018. Padeepz App Padeepz App Padeepz

## REFERENCES:

1. B. S. Murty, P. Shankar, Baldev Raj, B. B. Rath and James Murday, "Text book of nanoscience and nanotechnology", Universities Press-IIM Series in Metallurgy and Materials Science, 2018.
2. O.G. Palanna, "Engineering Chemistry" McGraw Hill Education (India) Private Limited, 2nd Edition, 2017.
3. Friedrich Emich, "Engineering Chemistry", Scientific International PVT, LTD, New Delhi, 2014.
4. Shikha Agarwal, "Engineering Chemistry-Fundamentals and Applications", Cambridge University Press, Delhi, Second Edition, 2019.
5. O.V. Roussak and H.D. Gesser, Applied Chemistry-A Text Book for Engineers and Technologists, Springer Science Business Media, New York, 2nd Edition

## WEB REFERENCES:

1. <file:///E:/NOTES/ENGG.CHEM%20NOTES%20REG%202021/Nanochemistry.pdf>
2. <https://www.intechopen.com/chapters/69816>
3. <https://atira.in/composite-materials-guide/>
4. <https://www.engineeringchoice.com/what-is-composite-material/>
5. <https://www.dbs.com/digibank/in/articles/lifestyle/what-is-carbon-footprint>
6. [https://stannescet.ac.in/cms/staff/qbank/CSE/Notes/CY8151-Engineering%20Chemistry-1911864891-unit\\_5.pdf](https://stannescet.ac.in/cms/staff/qbank/CSE/Notes/CY8151-Engineering%20Chemistry-1911864891-unit_5.pdf)
7. <https://digijs.com/free-ias-prep/ev-electric-vehicles/>



PRINCIPAL  
C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 215.

*R. Mary Shankar*

## INSTRUCTIONS

1. The HoD during the working semester and class advisor thereafter will be responsible for the safe custody of the record and for submitting it to the Principal of the Institution when ever required.
2. Attendance and Assessment Records will be distributed to all the staff by the respective HoD's for each Class / Subject separate book shall be used.
3. This is an important document and the Faculty shall keep the entries up-to-date and correct.
4. Attendance shall be marked in the relevant column noting the date/month and the periods.
5. At the end of each period the number of the absentees should be clearly noted in the last row of the column in each page and initialed as token check.
6. Topics covered in each class shall be recorded in about three lines in the space provided.
7. Marks for tests and assignments shall be entered in the columns provided.
8. At the end of the reports, the entries in the Record shall be attested by the HoD. (The due dates for reports will be announced by the Principal)
9. This register shall be handed over to the HoD whenever the faculty member goes on long leave or when he/she resigns.
10. At the end of the semester, the faculty handling the subjects shall prepare the list of students secured less than 75% attendance and send it to the class advisor / HoD for consolidating the cases of shortage of attendance and cases for condonation and submission of the same to the Principal.
11. At the end of the semester the entries shall be checked and endorsed by the HoD, and by the Principal signing at the space provided for this purpose. Finally the attendance and Assessment Records shall be under the safe custody of the HoD.

Name of the Faculty : *PROF. DOMINIC XAVIER. J*

Subject Code / Name : *CY 3151 / ENGINEERING CHEMISTRY*

Total Number of Students	Number of Students with Attendance %		
	Greater than 75%	65% to 75%	Less than 65%
<i>53</i>	<i>50</i>	<i>03</i>	<i>NIL</i>

	After IT 1	After IT 2
Initial of the HoD with date	<i>JX</i> <i>14/11/23</i>	<i>JX</i> <i>18/12/23</i>

To be signed at the end of the semester

Faculty	Class Advisor	HoD	Principal
<i>JX</i> <i>18/12/23</i>	<i>[Signature]</i> <i>18/12/23</i>	<i>JX</i> <i>18/12/23</i>	<i>[Signature]</i> <i>130224</i>

HEAD OF DEPARTMENT  
SCIENCE & HUMANITIES  
C. S. I. COLLEGE OF ENGINEERING  
Tirunelveli



Class : **B.TECH.,**

Course : **ARTIFICIAL INTELLIGENCE & DS**

			Month : <b>SEP/2023</b>							
Sl. No.	Reg. No.	Name	Date							
			08/04	11/01	12/03	13/03	14/02	15/04	16/01	16/01
1	710623216001	<b>AJAY S</b>	/	/	/	/	/	/	/	/
2	710623216002	<b>AJITH A</b>	/	/	/	/	/	/	/	/
3	710623216003	<b>ALWIN ANTRUE</b> ✕	/	/	/	/	/	/	/	/
4	710623216004	<b>ANUSHA ADHIL S</b>	/	/	/	/	/	/	/	/
5	710623216005	<b>BENJAMIN B</b>	/	/	/	/	/	/	/	/
6	710623216006	<b>BHARATHI</b>	/	/	/	/	/	/	/	/
7	710623216007	<b>DANIEL PRINCE A</b>	/	/	/	/	/	/	/	/
8	710623216008	<b>GIRINATH</b> ✕	/	/	/	/	/	/	/	/
9	710623216009	<b>GOWSIKA</b>	/	/	/	/	/	/	/	/
10	710623216010	<b>HARSHITHA P</b>	/	/	/	/	/	/	/	/
11	710623216011	<b>HEMANTH PRASATH</b> ✕	/	/	/	/	/	/	/	/
12	710623216012	<b>JEEVA SANJEVINI</b>	/	/	/	/	/	/	/	/
13	710623216013	<b>JINCY LIZIYA</b> ✕	/	/	/	/	/	/	/	/
14	710623216014	<b>JOEL DEVANESAN C</b>	/	/	/	/	/	/	/	/
15	710623216015	<b>JOHN PAUL G</b> ✕	/	/	/	/	/	/	/	/
16	710623216016	<b>KAMALESH M</b> ✕	/	/	/	/	/	/	/	/
17	710623216017	<b>KAMALI R</b>	/	/	/	/	/	/	/	/
18	710623216018	<b>KARTHICK S</b>	/	/	/	/	/	/	/	/
19	710623216019	<b>KEERTHANA V</b>	/	/	/	/	/	/	/	/
20	710623216020	<b>KIRAN R</b> ✕	/	/	/	/	/	/	/	/
21	710623216021	<b>KURALARASU S</b> ✕	/	/	/	/	/	/	/	/
22	710623216022	<b>MAHALAKSHMI S</b>	/	/	/	/	/	/	/	/
23	710623216023	<b>MARIA JULIANA</b>	/	/	/	/	/	/	/	/
24	710623216024	<b>MITHUN M</b>	/	/	/	/	/	/	/	/
25	710623216025	<b>MOHAMMED AZARUDEEN</b>	/	/	/	/	/	/	/	/

SEP/2023														OCT/2023							
19/03	20/03	21/02	22/04	22/03	22/02	22/01	25/01	26/03	27/03	03/03	04/02	05/02	06/04	07/01	09/02	10/03	11/03	12/04	13/04	14/03	
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/	A	/	/	A	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/	A	/	A	/
/	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A

University Grade
B+
U
A
A
U
A+
A
U
A
A+
B+
U
B
U
A
B+
B+
U
A
U
A
B+
U

Class :

## ATTENDANCE

OCT/2023

NOV/2023

Sl. No.	710	16	17	17	18	19	20	25	26	27	31	01	02	03	04	06	07	08	09	14	15	16
		04	03	04	06	02	04	03	02	01	05	03	02	01	02	01	03	03	02	03	03	02
1	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	710	/	/	/	/	/	/	AA	/	/	/	/	/	/	/	/	/	/	/	/	AA	/
3	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	AA	A
4	710	/	/	/	/	/	/	A	/	/	A	/	/	/	/	/	/	/	/	/	/	A
5	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	710	/	/	/	/	/	/	AA	A	/	/	/	/	/	/	/	/	/	/	/	AA	A
9	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	710	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/	/	AA	A
12	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	AA	A
13	710	AA	AA	AA	AA	AA	/	/	A	/	/	/	/	/	/	/	AB	AB	AB	AA	/	/
14	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	710	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/	/	/	/
16	710	/	/	/	/	/	/	/	/	/	/	/	AA	/	/	/	/	/	/	/	/	/
17	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	710	/	/	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	/	/	/	A
19	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	710	/	/	/	/	/	/	/	/	/	/	A	A	/	/	/	/	/	/	/	AA	/
22	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	710	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A

Course : AI &amp; DS

NOV/2023

DEC/2023

17	18	18	20	24	27	28	28	29	30	01	01	02	04	05	06	07	08	11	12	13
01	01	02	01	02	01	03	04	03	02	05	02	01	01	04	05	02	01	01	03	03
/	/	/	/	/	/	/	/	/	/	/	/	OP	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
AA	AA	/	/	/	A	/	/	/	/	OP	OP	/	/	/	/	/	/	A	/	/
/	/	/	/	/	AA	AA	AA	AA	/	/	/	/	/	/	/	/	/	A	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	A	/	/	/	A	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	AA	A	/	/	/	/	/
AA	AA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
AA	AA	/	/	/	A	/	/	/	/	/	/	/	/	/	/	/	/	/	A	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	OP	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	OP	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	OP	/	/	/	/	/	A
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
AA	AA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
AA	AA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

University Grade

B+

U

A

A

U

A+

A

U

A

A+

B+

U

B

U

A

B+

B+

U

A

U

U

A

A

B+

U

Class : **B.TECH.,**

DANCE

Sl. No.	Reg. No.	Name
1	710623216001	AJAY S
2	710623216002	AJITH A
3	710623216003	ALWIN ANTRU
4	710623216004	ANUSHA ADHI
5	710623216005	BENJAMIN B
6	710623216006	BHARATHI
7	710623216007	DANIEL PRINCE
8	710623216008	GIRINATH
9	710623216009	GOWSIKA
10	710623216010	HARSHITHA P
11	710623216011	HEMANTH PRAS
12	710623216012	JEEVA SANJEVI
13	710623216013	JINCY LIZIYA
14	710623216014	JOEL DEVANESA
15	710623216015	JOHN PAUL G
16	710623216016	KAMALESH M
17	710623216017	KAMALI R
18	710623216018	KARTHICK S
19	710623216019	KEERTHANA V
20	710623216020	KIRAN R
21	710623216021	KURALARASU S
22	710623216022	MAHALAKSHMI
23	710623216023	MARIA JULIANA
24	710623216024	MITHUN M
25	710623216025	MOHAMMED AZ

INTERNAL MARKS

INTERNAL MARKS												ATTENDANCE			University Grade
Internal Assessment - I						Internal Assessment - II						34	22	56	
TEST (60)	AS (10)	CS (10)	MP (10)	SE (10)	TOTAL (100)	TEST (60)	AS (10)	CS (10)	MP (10)	SE (10)	TOTAL (100)	After IT-1	After IT-2	Att. %	
34	10	10	10	10	74	34	9	9	9	9	70	33	22	98%	B+
28	10	10	10	10	68	34	8	8	8	8	66	30	22	93%	U
59	10	10	10	10	99	36	9	9	9	9	72	32	16	86%	A
58	10	10	10	10	98	60	10	10	10	10	100	32	16	80%	A
35	10	10	10	10	78	39	10	10	10	10	79	33	18	91%	U
54	10	10	10	10	94	60	10	10	10	10	100	34	22	100%	A+
47	10	10	10	10	87	34	9	9	9	9	70	34	19	95%	A
30	10	10	10	10	70	34	8	8	8	8	66	25	18	77%	U
55	10	10	10	10	95	56	10	10	10	10	96	33	22	98%	A
59	10	10	10	10	99	58	10	10	10	10	98	34	21	98%	A+
48	10	10	10	10	88	38	10	10	10	10	78	32	19	89%	B+
49	10	10	10	10	89	46	9	9	9	9	82	32	18	89%	U
35	10	10	10	10	75	34	8	8	8	8	66	20	18	65%	B
35	10	10	10	10	75	46	8	8	8	8	78	34	22	100%	U
56	10	10	10	10	96	58	10	10	10	10	98	32	22	96%	A
42	10	10	10	10	82	34	10	10	10	10	74	31	21	93%	B+
40	10	10	10	10	80	49	10	10	10	10	89	34	22	100%	B+
40	10	10	10	10	80	34	10	10	10	10	74	31	12	77%	U
47	10	10	10	10	87	38	10	10	10	10	78	34	21	98%	A
33	10	10	10	10	73	34	8	8	8	8	74	32	21	95%	U
33	10	10	10	10	73	34	8	8	8	8	66	28	19	73%	U
52	10	10	10	10	92	52	10	10	10	10	92	34	22	100%	A
54	10	10	10	10	94	48	10	10	10	10	88	33	20	95%	A
43	10	10	10	10	83	41	9	9	9	9	77	32	19	91%	B+
30	10	10	10	10	70	34	8	8	8	8	66	33	16	88%	U

## RECORD OF CLASS WORK

UNIT	DATE	Period	Topics Covered	INITIALS
I			<u>WATER AND ITS TREATMENT</u>	
	08/09/23	IV	Water: Sources and impurities	PK
	11/09/23	I	Water quality parameters	PK
	12/09/23	III	Municipal water treatment	PK
	13/09/23	III	Desalination of brackish water	PK
	14/09/23	II	Reverse osmosis	PK
	15/09/23	I	Boiler Troubles	PK
	16/09/23	IV	Internal Treatment	PK
	19/09/23	III	External Treatment - Ion exchange	PK
	20/09/23	III	Zeolite process	PK
	21/09/23	I		
II			<u>NANO CHEMISTRY</u>	
	22/09/23	IV	Basics - Distinction	PK
	22/09/23	III	Size - dependent properties	PK
	22/09/23	II	Types of nano materials	PK
	27/09/23	I	nano particle, nanocluster	PK
	25/09/23	II	Nano rod, nanowire, nanotube	PK
	26/09/23	III	Preparation of nano materials.	PK
	27/09/23	III	Sol gel, Solvothermal, Laser	PK
	03/09/23	III	chemical vapour	PK
	04/09/23	II	Electro spinning, chemical.	PK
III			<u>PHASE RULE AND COMPOSITES</u>	
	05/10/23	II	Phase Rule - Introduction	PK
	06/10/23	III	Definition of terms	PK
	07/10/23	I	One Component System.	PK
	09/10/23	III	Simple eutectic phase diagram	PK
	10/10/23	II	Thermal analysis	PK
	11/10/23	II	Two Component System.	PK

## RECORD OF CLASS WORK

UNIT	DATE	Period	Topics Covered	INITIALS
	12/10/23	IV	Composites - Definition.	PK
	13/10/23	IV	Constitution, Properties, uses	PK
	14/10/23	III	Hybrid composites.	PK
IV			<u>FUELS AND COMBUSTION</u>	
	16/10/23	IV	Fuels - Introduction	PK
	17/10/23	III	Classification of Fuels	PK
	17/10/23	IV	Petroleum and Diesel	PK
	18/10/23	VI	Power alcohol, Biodiesel	PK
	19/10/23	II	Combustion of Fuels	PK
	20/10/23	IV	Ignition Temperature.	PK
	25/10/23	III	Flue gas Analysis.	PK
	26/10/23	II	ORSAT method, CO <sub>2</sub> and carbon Footprint	PK
	27/10/23	I	Carbon Foot print - Explanation.	PK
V			<u>ENERGY SOURCES AND STORAGE DEVICES</u>	
	31/10/23	V	Stability of nucleus	PK
	01/11/23	III	Nuclear Energy	PK
	02/11/23	II	Solar, wind Energy	PK
	03/11/23	I	Geothermal Energy	PK
	04/11/23	II	Types of Batteries	PK
	06/11/23	I	Electric vehicles	PK
	07/11/23	III	Fuel cells - H <sub>2</sub> -O <sub>2</sub> Fuel cell	PK
	08/11/23	III	Microbial fuel cell	PK
	09/11/23	II	Super capacitors.	PK

Completed

18/12/23