



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).



EVALUATION PROCESS AND REFORMS



R. Mercy Shanmugam

PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 218.



2.5.1. Mechanism of Internal Assessment is Transparent and Robust in Terms of Frequency & Mode

S.No	Description
1	Internal Assessment Schedule
2	Academic Calendar
3	Internal Assessment Exam (2017-2021 Reg)



R. Mayanthi
PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 626 215.



2.5.1 Mechanism of Internal Assessment is transparent and robust in terms of frequency and mode.

The Institution prepares Academic Calendar before the commencement of semester based on Academic Schedule given by Anna University.

Internal examinations are conducted to award internal marks for students with utmost care, transparency and fairness. Question papers are prepared for internal test along with its answer key by respective faculty members based on blooms taxonomy. Once the particular subject exam is completed the answer key is being displayed on its respective department notice board.

Faculty members ensure that the students are aware of the Internal Assessments Evaluation Criteria which is discussed with them in detail to enhance transparency and rigor with the view to focus on individual and original work. In case of malpractice in internal examination, the Invigilator immediately hands over the concerned booklet to the exam cell and disciplinary action will be taken based on the nature of offence.



R. Neey Shantra
PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI-643 216.



CSI COLLEGE OF ENGINEERING, KETTI

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1. INTERNAL ASSESMENT SCHEDULE (2023-2024)



R. Meyy Swanthi

PRINCIPAL
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KETTI-643 216.





Date: 12.01.2024

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY : CHENNAI - 600 025

ASSESSMENT PERIOD DATES OF EVEN SEMESTER -- SEMESTER II

Academic Session February 2024 - June 2024

(To be followed by all the students of UNIVERSITY DEPARTMENTS)

II SEMESTER OF B. Arch. / B. Plan (THEORY CUM STUDIO COURSES AND STUDIO COURSES) PROGRAMME'S

Particulars	Period for Report	Assessment Test Period	Due Date for sending report to ACOE
Assessment I	19.02.2024 to 22.03.2024	14.03.2024 to 22.03.2024	25.03.2024
Assessment II	25.03.2024 to 02.05.2024	23.04.2024 to 02.05.2024	06.05.2024
Assessment III	03.05.2024 to 06.06.2024	28.05.2024 to 05.06.2024	06.06.2024

RE-OPENING DAY FOR THE NEXT SEMESTER: 10.07.2024 (Wednesday)

A. Vinayak
12/01/24
DIRECTOR i/c
ACADEMIC COURSES
R. Mary Dhanalakshmi



PRINCIPAL
A.S.L. COLLEGE OF ENGINEERING
KETTI - 643 216.





Date: 12.01.2024

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY : : CHENNAI - 600 025

ASSESSMENT PERIOD DATES OF EVEN SEMESTER - SEMESTER II

Academic Session February 2024 - June 2024

(To be followed by all the students of UNIVERSITY DEPARTMENTS)

II SEMESTER OF B.E. / B.Tech. (Full Time / Part Time) AND II SEMESTER OF B. Arch. / B. Plan. (ONLY THEORY COURSES) PROGRAMMES

Particulars	Period for Report	Assessment Test Period	Due Date for sending report to ACOE
Assessment I	19.02.2024 to 10.04.2024	28.03.2024 to 10.04.2024	15.04.2024
Assessment II	12.04.2024 to 06.06.2024	23.05.2024 to 03.06.2024	06.06.2024

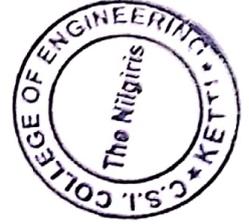
RE-OPENING DAY FOR THE NEXT SEMESTER: 10.07.2024 (Wednesday)

A. Vinayini 12/01/24

DIRECTOR I/C
ACADEMIC COURSES

P. May Shankar

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



DAC - SB





Date: 12.01.2024

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE

February 2024 – June 2024 (SEMESTER II)

UG (FT/PT) (Regular / Self Supporting) Programmes offered at University Departments

(CEG / MIT / ACT / SAP Campuses)

Sl. No.	Programme	Semester	Commencement of Classes	Last working day	Commencement of End Semester Examinations
1.	B.E. / B.Tech. (Full Time)	II	19.02.2024	06.06.2024	14.06.2024
2.	B. Arch.				
3.	B. Plan. (Full Time)				
4.	B.E. / B.Tech. (Part Time)				

NOTE:

1. Date of Commencement of Enrollment : 12.02.2024
2. Date of Application for Condonation : 16.05.2024
3. Generation of Prevention List : 06.06.2024 (Last working day)
4. Clarification day will be scheduled as per Regulations
5. Re-Opening day for the next semester : 10.07.2024 (Wednesday)
6. The Theory and Practical Examination schedules published in due course by the Additional Controller of Examinations (UDs), Anna University, Chennai should be followed.
7. Assessment Schedule for the February 2024 – June 2024 should be followed strictly.
8. Saturdays included in the Assessment period shall be used for conducting the Assessment Tests.

R. May Sankar
12.01.24
DIRECTOR i/c
PRINCIPAL ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI - 600 025





Date: 12.08.2023

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY : CHENNAI - 600 025

ASSESSMENT PERIOD DATES OF ODD SEMESTER - SEMESTER I

Academic Session August 2023 - January 2024

(To be followed by all the students of UNIVERSITY DEPARTMENTS)

I SEMESTER OF B. Plan (THEORY CUM STUDIO COURSES AND STUDIO COURSES) PROGRAMME

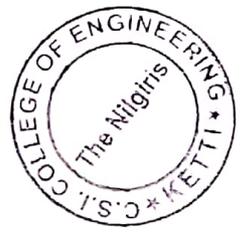
Particulars	Period for Report	Assessment Test Period	Due Date for sending report to ACOE
Assessment I	11.09.2023 to 18.10.2023	10.10.2023 to 18.10.2023	20.10.2023
Assessment II	19.10.2023 to 24.11.2023	16.11.2023 to 24.11.2023	27.11.2023
Assessment III	27.11.2023 to 02.01.2024	20.12.2023 to 29.12.2023	02.01.2024

RE-OPENING DAY FOR THE NEXT SEMESTER: 19.02.2024 (Monday)

UFA 12/8/2023

DIRECTOR
ACADEMIC COURSES

R. Macy Shanthi
PRINCIPAL
V.S.L. COLLEGE OF ENGINEERING
KUTTIYAL - 643 816



D/C - SB



Date: 12.08.2023

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY : : CHENNAI - 600 025

ASSESSMENT PERIOD DATES OF ODD SEMESTER - SEMESTER I
Academic Session August 2023 - January 2024

(To be followed by all the students of UNIVERSITY DEPARTMENTS)

**I SEMESTER OF B.E. / B.Tech. (FT) AND
I SEMESTER OF B. Plan. (ONLY THEORY COURSES) PROGRAMMES**

Particulars	Period for Report	Assessment Test Period	Due Date for sending report to ACOE
Assessment I	11.09.2023 to 06.11.2023	26.10.2023 to 06.11.2023	08.11.2023
Assessment II	07.11.2023 to 02.01.2024	15.12.2023 to 27.12.2023	02.01.2024

RE-OPENING DAY FOR THE NEXT SEMESTER: 19.02.2024 (Monday)

Ug...
12/18/2023
DIRECTOR
ACADEMIC COURSES



R. Mercy Shanthi
PRINCIPAL

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





Date: 12.08.2023

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY: CHENNAI – 600 025

ACADEMIC SCHEDULE

August 2023 – January 2024 (SEMESTER I)

UG (FT) (Regular / Self Supporting) Programmes offered at University Departments
of

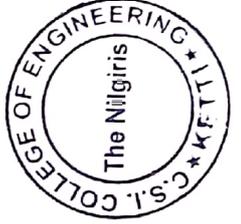
(CEG / MIT / ACT / SAP Campuses)

Sl. No.	Programme	Semester	Commencement of Induction Programme	Commencement of Classes	Last working day	Commencement of End Semester Examinations
1.	B.E. / B.Tech. (Full Time)	I	25.08.2023	11.09.2023	02.01.2024	08.01.2024
2.	B. Plan. (Full Time)					

NOTE:

1. Date of Application for Condonation : 08.12.2023
2. Generation of Prevention List : 02.01.2024 (Last working day)
3. Clarification day will be scheduled as per Regulations
4. Re-Opening day for the next semester : 19.02.2024 (Monday)
5. The Theory and Practical Examination schedules published in due course by the Additional Controller of Examinations (UDs), Anna University, Chennai should be followed. (Practical Examinations will be conducted before the theory examinations).
6. Assessment Schedule for the August 2023 – January 2024 should be followed strictly.
7. Saturdays included in the Assessment period shall be used for conducting the Assessment Tests.

Ug
12/8/2023
DIRECTOR
ACADEMIC COURSES



R. Mary Shanthi
PRINCIPAL
C.S.I. COLLEGE OF ENGINEERING
KFTS - 643 815.



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2. ACADEMIC CALENDER

R. Mey Shanmugam

PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 216.



26. Students shall not play (cricket, football etc...) in the hostel premises causing damage to the property and disturbances.
27. Every part of the Hostel premises should be open for inspection by the authorities at all times.

28. Playing cards, all forms of gambling, smoking/use of tobacco, possessing/consuming narcotic drugs / Psychotropic substances or alcohol and possessing obscene pictures, posters, pornographic material, lethal weapons or inflammable materials are strictly forbidden.

29. Students are not permitted to bring, possess, distribute or fire crackers inside the hostel.

30. Students are asked not to be in the hostel nor stay back during class hours without the permission of the concerned authorities.

31. Students are expected to participate in all meetings and functions officially arranged for them by the authorities.

32. All students are to keep their rooms clean and tidy.

33. Students can have their own personal computers/Laptops after obtaining permission with the hostel authorities at their own risk.

They have to use the same for academic requirements only. They are not expected to watch movies or download movies. Hostel authorities will not be responsible for any theft or any damage of any of these items.

34. Issues made by the students outside the college/hostel premises will not be entertained. The Hostel/college authorities will not be responsible in this regard.

35. Students are not permitted to have any cell phones with camera.

Such cell phones will be confiscated by the hostel authorities and will be returned only during the end of the academic year.

36. The College and hostel officials shall not be held responsible for any theft or mishandling of cell phones within or outside the college and /or hostel premises. Complaints of theft of electronic and computer gadgets shall not be entertained. Students should take responsibilities for their safety.

37. Students are advised to observe the following timings and co-operate with the management to minimise the loss and cost.

Hot water will be provided from 5.00 a.m to 8.00 a.m & 5.00 p.m to 6.00 p.m

Power will be switched off between 8.00 a.m and 5.00 p.m on every day except on Saturday afternoons, Sundays and holidays.

THE PRINCIPAL/CHIEF WARDEN RESERVES THE RIGHT TO DENY/RE-ALLOT ROOMS TO ANYBODY AND AT ANY TIME WITHOUT ASSIGNING ANY REASON WHAT SOEVER. THE PRINCIPAL/CHIEF WARDEN RESERVES THE RIGHT TO MODIFY THE EXISTING RULES ENFORCE NEW RULES AS DEEMED FIT AT ANY TIME.

In accordance with the rules, you need three things: a notebook, a calculator, and a heavy bag. Raja McEntire

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CALENDAR

2023 - 2024

WD1 - Working Days for II, III and IV Year Students

WD2 - Working Days for I Year Students

WD3 - Working Days for PG Students



R. May Shankar
Principal

U.S.I. COLLEGE OF ENGINEERING

The cannot sign for any documents until you have enough in here to sign for them. * Minimum 50000

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CSI COLLEGE OF ENGINEERING
KETTI, THE NILGIRIS - 643 215

Day	Date	2024 - Jan			Events
		WD 1	WD 2	WD 3	
MON	1				
TUE	2			79	
WED	3			80	
THU	4			81	
FRI	5			82	
SAT	6			83	
SUN	7				
MON	8	1	84		
TUE	9	2	85		
WED	10	3			
THU	11	4			
FRI	12	5			
SAT	13				
SUN	14				
MON	15				
TUE	16				
WED	17				
THU	18	6			
FRI	19	7			
SAT	20	8			
SUN	21				
MON	22	9			
TUE?	23	10			
WED	24	11			
THU	25	12			
FRI	26				
SAT	27	13			ME-Industrial visit
SUN	28				
MON	29	14			
TUE	30	15			
WED	31	16			

"It's kind of fun to do the impossible." Walt Disney

R. Mary Shams



CSI COLLEGE OF ENGINEERING
KETTI, THE NILGIRIS - 643 215

Day	Date	2024 - Feb			Events
		WD 1	WD 2	WD 3	
THU	1	17			
FRI	2	18			CSE-Symposium
SAT	3	19			CSE-Symposium
SUN	4				HOLIDAY
MON	5				Even Semester starts for I & II yr students
TUE	6	20	1		IT-National level symposium
WED	7	21	2		IT-National level symposium
THU	8	22	3		
FRI	9	23	4		
SAT	10	24	5		CE-Dept. Symposium
SUN	11				CE-Dept. Symposium
MON	12	25	6		
TUE	13	26	7		
WED	14	27	8		
THU	15	28	9		ME-Dept. Symposium
FRI	16	29	10		ME-Workshop
SAT	17	30	11		ME-Workshop
SUN	18				
MON	19	31	12		
TUE?	20	32	13		
WED	21	33	14		Dept. Symposium
THU	22	34	15		Dept. Symposium
FRI	23	35	16		
SAT	24				
SUN	25				HOLIDAY
MON	26	36	17		CSE-Club Activity
TUE	27	37	18		
WED	28	38	19		
THU	29	39	20		
					CSI COLLEGE OF ENGINEERING
					KETTI, 643 215



"Now it's the little moments that stop me in my tracks, because that's what life is all about." Joanna Gaines

R. Mary Shams



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Day	Date	2024 - Mar	WD 1	WD 2	WD 3	Events
FRI	1		40	21		
SAT	2		41	22		CE-Field visit
SUN	3	HOLIDAY				
MON	4	Internal Assessment III for IIIIV yrs. starts	42	23		
TUE	5		43	24		
WED	6		44	25		
THU	7		45	26		IT-Workshop
FRI	8		46	27		IT-Workshop
SAT	9					IT-Workshop
SUN	10	HOLIDAY				
MON	11	Internal Assessment III for IIIIV yrs. Ends	47	28		
TUE	12		48	29		ME Alumni Lecture
WED	13		49	30		
THU	14		50	31		ECE-Workshop
FRI	15		51	32		ECE-Workshop
SAT	16		52	33		
SUN	17	HOLIDAY				
MON	18		53	34		
TUE?	19		54	35		
WED	20		55	36		
THU	21	Internal Assessment I for I & II yrs starts	56	37		CSE-National level Conference
FRI	22	Remedial coaching	57	38		CSE-National level Conference
SAT	23	Remedial coaching	58	39		CE-Workshop
SUN	24	HOLIDAY				
MON	25		59	40		
TUE	26		60	41		
WED	27	Internal Assessment I for I & II yrs ends	61	42		
THU	28	Remedial coaching	62	43		
FRI	29	Good Friday				
SAT	30	Remedial Coaching				
SUN	31	HOLIDAY				

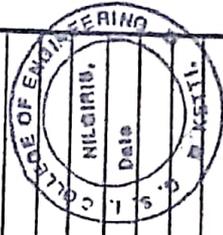
"All your life, you will be faced with a choice. You can choose love of hate... I choose love." Johnny Cash

R. May Shankar



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Day	Date	2024 - Apr	WD 1	WD 2	WD 3	Events
MON	1		63	44		
TUE	2		64	45		
WED	3		65	46		
THU	4		66	47		
FRI	5		67	48		
SAT	6		68	49		
SUN	7	HOLIDAY				
MON	8		69	50		
TUE	9	Telugu New Year				
WED	10		70	51		
THU	11		71	52		
FRI	12		72	53		
SAT	13					
SUN	14	HOLIDAY / Tamil New Year	73	54		
MON	15	Internal Assessment III for IIIIV yrs starts	74	55		
TUE?	16		75	56		
WED	17		76	57		
THU	18		77	58		
FRI	19		78	59		
SAT	20	Internal Assessment III for IIIIV yrs ends				
SUN	21	HOLIDAY / Mahavir Janm	79	60		
MON	22	Remedial Coaching	80	61		
TUE	23	Remedial Coaching	81	62		
WED	24	Remedial Coaching	82	63		
THU	25		83	64		
FRI	26					
SAT	27		84	65		
SUN	28	HOLIDAY	85	66		
MON	29					
TUE	30					



"The way I see it, if you want to be happy, you gotta put up with the rain!" Dolly Parton

C.S.I. COLLEGE OF ENGINEERING
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R. May Shankar





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Day	Date	2024 - May	WD 1	WD 2	WD 3	Events
WED	1	May Day				
THU	2			67		
FRI	3			68		
SAT	4	Internal Assessment II for I & II yrs starts		.69		
SUN	5	HOLIDAY				
MON	6			70		
TUE	7			71		
WED	8			72		
THU	9			73		
FRI	10	Internal Assessment II for I & II yrs Ends		74		
SAT	11					
SUN	12	HOLIDAY				
MON	13	Remedial Coaching		75		
TUE?	14	Remedial Coaching		75		
WED	15	Remedial Coaching		77		
THU	16			78		
FRI	17			79		
SAT	18			80		
SUN	19	HOLIDAY				
MON	20			81		
TUE	21			82		
WED	22			83		
THU	23			84		
FRI	24			85		
SAT	25					
SUN	26	HOLIDAY				
MON	27					
TUE	28					
WED	29					
THU	30					
FRI	31					

"The best thing to hold onto in life is each other." Audrey Hepburn



PRINCIPAL
 U.S.I. COLLEGE OF ENGINEERING
 KETTI, THE NILGIRIS

X. May Shankar



CSI COLLEGE OF ENGINEERING
KETTI, THE NILGIRIS - 643 215

Day	Date	2024 - Jan	WD 1	WD 2	WD 3	Events
SAT	1					
SUN	2	HOLIDAY		67		
MON	3			68		
TUE	4			69		
WED	5					
THU	6			70		
FRI	7			71		
SAT	8			72		
SUN	9	HOLIDAY		73		
MON	10			74		
TUE?	11					
WED	12					
THU	13			75		
FRI	14			75		
SAT	15			77		
SUN	16	HOLIDAY		78		
MON	17	Bank'd		79		
TUE	18			80		
WED	19					
THU	20			81		
FRI	21			82		
SAT	22			83		
SUN	23	HOLIDAY		84		
MON	24			85		
TUE	25					
WED	26					
THU	27					
FRI	28					
SAT	29					
SUN	30	HOLIDAY				

"Success is falling nine times and getting up ten." Jan Bon Jan



CSI COLLEGE OF ENGINEERING
KETTI, THE NILGIRIS - 643 215

Day	Date	2023 - Jul	WD 1	WD 2	WD 3	Events
SAT	1			68		
SUN	2	HOLIDAY				
MON	3	Internal Assessment II Starts I Yr Students		69		
TUE	4			70		
WED	5			71		
THU	6			72		
FRI	7			73		
SAT	8					
SUN	9	HOLIDAY				
MON	10	Internal Assessment II End I Yr Students				
TUE	11	Remedial Coaching				
WED	12	Remedial Coaching				
THU	13	Remedial Coaching				
FRI	14					
SAT	15					
SUN	16	HOLIDAY				
MON	17					
TUE	18					
WED	19					
THU	20					
FRI	21					
SAT	22					
SUN	23					
MON	24					
TUE	25					
WED	26					
THU	27					
FRI	28					
SAT	29	Muharram				
SUN	30	HOLIDAY				
MON	31					

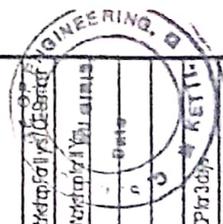
L. Mary Shante

"I never dreamed about success. I worked for it." - Estée Lauder



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KETTI, THE NILGIRIS - 643 215

Day	Date	2023 - Aug	WD 1	WD 2	WD 3	Events
TUE	1					
WED	2	College re-opens for II, IV yr Students	1			
THU	3		2			
FRI	4		3			
SAT	5		4			
SUN	6	HOLIDAY				
MON	7		5			IT Workshop
TUE	8		6			IT Workshop
WED	9		7			IT Workshop
THU	10		8			IT Workshop
FRI	11		9			IT Workshop
SAT	12					
SUN	13					
MON	14		10			
TUE	15	Independence Day				
WED	16		11			
THU	17		12			
FRI	18		13			
SAT	19		14			CSE Student Director Inauguration
SUN	20	HOLIDAY				
MON	21		15			
TUE	22		16			
WED	23		17			
THU	24		18			
FRI	25		19			
SAT	26					CCE Workshop for I Yr Students
SUN	27	HOLIDAY				CCE Workshop for I Yr Students
MON	28		20			
TUE	29		21			
WED	30		22			ME- FDP for 3000 KETTU
THU	31		23			BCE- Seminar



"The difference between a good and a great addressing is most often not quitting." - Walt Disney

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L. Mary Shante



CSI COLLEGE OF ENGINEERING

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Day	Date	2023 - Sep	WD 1	WD 2	WD 3	Events
FRI	1			24		CSE- Workshop for III yrs
SAT	2			25		CSE-Workshop for III yrs/CE Field Visit
SUN	3	HOLIDAY				EEE- Inauguration
MON	4			26		IT- Inauguration
TUE	5			27		
WED	6	Krishna Jayanthi				
THU	7			28		CSE-Workshop for IV yrs
FRI	8	Orientation programme for I yr Students		29		CSE-Workshop for IV yrs
SAT	9					IT-Workshop on AI & PA
SUN	10	HOLIDAY				IT-Workshop on AI & PA
MON	11			30	1	IT-Workshop on AI & PA
TUE	12			31	2	IT-Workshop on AI & PA
WED	13			32	3	
THU	14			33	4	
FRI	15			34	5	CSE-Value added courses start/ ME-Dept. Inauguration
SAT	16	Internal Assessment I for IV yrs Ends		35	6	
SUN	17	HOLIDAY				
MON	18	Vinayagar Chaturthi				
TUE	19	Remedial Coaching		36	7	
WED	20	Remedial Coaching		37	8	
THU	21			38	9	CE-Inauguration/EEE Workshop / ECE Seminar
FRI	22			39	10	CE-Inauguration/EEE Workshop
SAT	23					
SUN	24	HOLIDAY		40		
MON	25			41	11	
TUE	26			42	12	
WED	27				13	
THU	28	Eid - Milad				ME - 5 Days Industrial visit
FRI	29			43	14	IT - Parents Meeting
SAT	30			44	15	IT - Parents Meeting

R. Mary Shanti

"When you believe in a thing, believe in it all the way, implicitly and unquestionable." Walt Disney

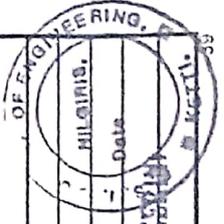


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Day	Date	2023 - Oct	WD 1	WD 2	WD 3	Events
SUN	1	HOLIDAY				
MON	2	Gandhi Jayanthi				
TUE	3	Internal Assessment I for III Yrs starts	45	16		
WED	4		46	17		ECE- Inauguration
THU	5		47	18		CSE Industrial Visit
FRI	6		48	19		CSE Industrial Visit
SAT	7		49	20		
SUN	8	HOLIDAY				
MON	9	Internal Assessment I for III Yrs End	50	21		
TUE	10	Remedial Coaching	51	22		
WED	11	Remedial Coaching	52	23		
THU	12		53	24		ECE - 3 days Industrial Visit
FRI	13		54	25		CE-Seminar / ECE Industrial Visit / ME - Guest Lecture
SAT	14					CSE - Value added courses Ends
SUN	15	HOLIDAY				
MON	16	Internal Assessment II for IV Yrs Starts	55	26		CSE - Club activity
TUE	17		56	27		
WED	18		57	28		
THU	19		58	29		
FRI	20		59	30		EEE - Seminar
SAT	21	Internal Assessment II for IV Yrs End	60	31		
SUN	22	HOLIDAY				
MON	23	Ayulha Pooja				
TUE	24	Vijaya Dasami				
WED	25	Remedial Coaching	61	32		
THU	26	Remedial Coaching	62	33		
FRI	27		63	34		
SAT	28					
SUN	29					
MON	30					
TUE	31					

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"Life has no limitations, except the ones you make." Les Brown



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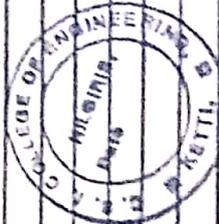
Day	Date	2023 - Nov	WD 1	WD 2	WD 3	Events
WED	1		66	37		
THU	2		67	38		
FRI	3		68	39		ECE- workshop
SAT	4	Internal Assessment I for I & II yrs starts	69	40		ECE- workshop
SUN	5	HOLIDAY				
MON	6		70	41		
TUE	7		71	42		
WED	8		72	43		
THU	9		73	44		
FRI	10	Internal Assessment I for I & II yrs Ends	74	45		EEE-Alumni Lecture series
SAT	11					
SUN	12	HOLIDAY / Depoat				
MON	13	Internal Assessment I for III & IV yr Starts	75	46		
TUE	14		76	47		
WED	15		77	48		
THU	16		78	49		
FRI	17		7	50		
SAT	18	Internal Assessment I for III & IV yr Ends	80	51		
SUN	19	HOLIDAY				
MON	20	Remedial Coaching	81	52		
TUE	21	Remedial Coaching	82	53		
WED	22		83	54		
THU	23		84	55		
FRI	24		85	56		
SAT	25					
SUN	26	HOLIDAY				
MON	27			57		
TUE	28			58		
WED	29			59		
THU	30			60		

"Your present circumstances don't determine where you can go; they merely determine where you start." Nido Qubein 40



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Day	Date	2023 - Dec	WD 1	WD 2	WD 3	Events
FRI	1		61			
SAT	2		62			
SUN	3	HOLIDAY				
MON	4		63			
TUE	5		64			
WED	6		65			
THU	7		66			
FRI	8		67			
SAT	9					
SUN	10	HOLIDAY	68			
MON	11		69			
TUE	12		70			
WED	13		71			
THU	14		72			
FRI	15		73			
SAT	16	Internal Assessment II for I & II yr starts				
SUN	17	HOLIDAY	74			
MON	18		75			
TUE	19		76			
WED	20		77			
THU	21		78			
FRI	22	Internal Assessment II for I & II yr Ends				
SAT	23	Winter Vacation Starts				
SUN	24	HOLIDAY				
MON	25	Christmas				
TUE	26					
WED	27					
THU	28					
FRI	29					
SAT	30					
SUN	31					



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"Do you give an ounce of energy to your dreams as you do to your teeth?" Rayguno

R. Mary Shank





3. INTERNAL ASSESMENT EXAM (2017&2021 REGULATION)

R. Meey Shantra

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2017

CSI COLLEGE OF ENGINEERING, KETTI.

CIRCULAR

SECOND YEAR STUDENTS

Date: 01.11.2023

The First Internal Test for the Second years is scheduled to be conducted from 14.11.2023 to 20.11.2023. The last date for submission of question papers is 08.11.2023.

The Staff are asked to prepare 2 Sets of Questions for 2021 Regulation – 100 Marks (Part A, Part B and Part C).

[Signature]
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CSI COLLEGE OF ENGINEERING, KETTI.

CIRCULAR

FINAL YEAR STUDENTS

Date: 01.11.2023

The Third Internal Test for the Final years is scheduled to be conducted from 14.11.2023 to 16.11.2023. The last date for submission of question papers is 08.11.2023.

The Staff are asked to prepare 2 Sets of Questions for 2017 Regulation – 50 Marks (Part A, Part B and Part C).

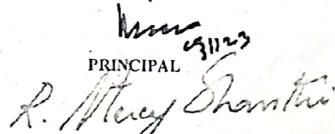
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KETTI-043 218.



ANNA UNIVERSITY CHENNAI
 INTRENAL TEST - 1 FOR II YEAR UG STUDENTS
 DETAILS OF INVIGILATION DUTY - Nov Dec 2023
 CENTRE: 7106, CSI COLLEGE OF ENGINEERING, KETTI

S.No	Name of the Invigilator	Month	14-Nov						Total	Signature
		Date	14.11.23	15.11.23	16.11.23	17.11.23	18.11.23	20.11.23		
		Time	9.30 to 12.30							
1	Dr.Dhanraj						1		1	
2	Dr. Sivakumar		1						1	
3	Dr. Manoj Prabhakar			1					1	
4	Mr. Nijesh					1			1	
5	Mr. Benjamin			1					1	
6	Mr.Shankar			1					1	
7	Mrs. Sathiyabama				1				1	
8	Mrs. Deepa		1						1	
9	Mrs.Lakshmipriya					1			1	
10	Mr. Surendar							1	1	
11	Mrs.Angeline Felicia					1			1	
12	Mrs. Reshma							1	1	
13	Mrs.J.Jincy			1					1	
14	Mrs.C.Aruna					1			1	
15	Mrs.Priya						1		1	
16	Mr. Vijayaraj					1			1	
17	Mrs.Saranya		1						1	
18	Mrs.Ruth				1				1	
19	Ms.Keerthi			1	1				2	
20	Ms.Ramya		1					1	2	
21	Mrs.Geethakumari D					1			1	
22	Mr. Nawaz			1				1	2	
23	Mrs. Jayalakshmi				1				1	
24	Mrs.Banupriya						1		1	
25	Mr. Anitha			1					1	
26	Mr.Ramakirishnan		1					1	2	
27	Dr.Sundarajan			1					1	
28	Mrs.Geetha		1						1	
29	Mr.Sunil						1		1	
30	Dr.O.Raino				1				1	
31	Mrs.Collin						1		1	
32	Mr.T.Prakash					1			1	
33	Dr.Ponmani						1		1	
34	Mr.Amalraj				1	1			2	
35	Ms.Libni		1		1				2	
36	Mrs.Saritha Babu		1					1	2	




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C.S.I.COLLEGE OF ENGINEERING, KETTI, THE NILGIRIS-643215

INTERNAL TEST - III TIME TABLE (IV Year Students)

Department of Civil Engineering

S.No	Date	Time	Sub Code	IV Year
1	14.11.2023	9:30am -11.00am	CE8701	Estimation,Coasting and Valuation Engineering
2	14..11.202	2.30pm - 4:00pm	CE8702	Railways, Airports,Docks and harbour Engineering
3	15.11.2023	9:30am -11.00am	CE8703	Structural Design and Drawing
4	15..11.202	2.30pm - 4:00pm	OME 754	Industrial Safety

Department of Computer Science & Engineering

S.No	Date	Time	Sub Code	IV Year
1	14.11.2023	9:30am -11.00am	OCH 752	Energy Technology
2	14.11.2023	2.30pm - 4:00pm	CS8792	Cryptography and Network Security
3	15.11.2023	9:30am -11.00am	CS8791	Cloud Computing
4	15.11.2023	2.30pm - 4:00pm	MG8591	Principles of Management
5	16.11.2023	9:30am -11.00am	IT 8071	Software Project Management

Department of Electrical & Electronics Engineering

S.No	Date	Time	Sub Code	IV Year
1	14.11.2023	9:30am -11.00am	EE8701	High Voltage Engineering
2	14.11.2023	2.30pm - 4:00pm	EE8702	Power System Operation and Control
3	15.11.2023	9:30am -11.00am	EE8703	Renewable Energy Systems
4	15.11.2023	2.30pm - 4:00pm	OML 751	Testing Of materials
5	16.11.2023	9:30am -11.00am	GE 8077	Total Quality Management

Department of Electronics & Communication Engineering

S.No	Date	Time	Sub Code	IV Year
1	14.11.2023	9:30am -11.00am	OCH752	Energy Technology
2	14.11.2023	2.30pm - 4:00pm	EC8751	Optical Communication
3	15.11.2023	9:30am -11.00am	EC8791	Embedded and Real Time systems
4	15.11.2023	2.30pm - 4:00pm	EC8702	Ad hoc and Wireless Sensor Networks
5	16.11.2023	9:30am -11.00am	EC8701	Antennas and Microwave Engineering

Department of Mechanical Engineering

S.No	Date	Time	Sub Code	IV Year
1	14.11.2023	9:30am -11.00am	ME8073	Unconventional Machining Processes
2	14.11.2023	2.30pm - 4:00pm	ME8793	Process Planning and Cost Estimation
3	15.11.2023	9:30am -11.00am	ME8792	Power Plant Engineering(ME8792)
4	15.11.2023	2.30pm - 4:00pm	ME8791	Mechatronics
5	16.11.2023	9:30am -11.00am	OIE751	Robotics

Department of Information Technology

S.No	Date	Time	Sub Code	IV Year
1	14.11.2023	9:30am -11.00am	OCH752	Energy Technology
2	14.11.2023	2.30pm - 4:00pm	CS8792	Cryptography and Network
3	15.11.2023	9:30am -11.00am	CS8791	Cloud Computing
4	15.11.2023	2.30pm - 4:00pm	MG8591	Principles of Management
5	16.11.2023	9:30am -11.00am	IT8075	Software Project Management



R. May...
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CSI COLLEGE OF ENGINEERING, KETTI
Internal Examination Nov/Dec - 2023
Hall Allocation

Date : 16.11.2023

Session : FN &
AN

S.No	Dent/Year	Register No	No.of.stu	Hall No
1	IT/IV	710620205004, 009, 011, 301, 302, 710620205001, 002, 003	8	1
2	CSE/IV	710620104002, 003, 005, 006, 008, 009, 010, 011, 012,	13	1
3	ECE/IV	710620106001, 002, 003, 004, 006, 007, 009	7	1
4	CSE/IV	710620104019, 020, 021, 022, 023, 025, 027, 028, 030, 032, 033, 034	12	11
5	ECE/IV	710620106301, 302, 303, 305, 306, 307	6	11
6	EEE/IV	710620105001, 002, 301, 302, 303, 304	6	11
7	MECH/IV	710620114001	1	11
8	CSE/IV	710620104036, 039, 040, 041, 042, 045, 046, 048, 049, 050, 051, 052, 053	13	12
9	MECH/IV	710620114002, 004, 005, 007, 008, 301, 303, 304, 305, 306, 307, 308	12	12
10	CSE/IV	710620104054, 055, 301, 302, 304, 305, 306, 308, 309, 310, 501, 701	12	13
11	CIVIL/IV	710620103002, 003, 006, 302, 710620103303, 305, 306, 307	8	13
12	MECH/IV	710620114309, 310, 311, 312, 313, 314, 315, 316, 318	9	13



R. Mary Shanthi
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PROFORMA 1
CSI COLLEGE OF ENGINEERING
INTERNAL EXAMINATION NOV/DEC (2023)
SEATING ARRANGEMENTS

Centre Code and Name: 7106 - CSI COLLEGE OF ENGINEERING, KETTI, THE NILGIRIS

Class: CSE(IV), ECE(IV), EEE(IV), MECH(IV)
 FN & AN

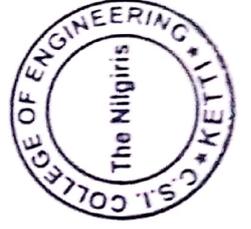
Hall No.: 11
 Date: 16.11.2023

A		B		C		D		E	
A1	710620106301	B1	710620104021	C1	710620106307	D1	710620104028	E1	710620105303
A2	710620104019	B2	710620106305	C2	710620104025	D2	710620105301	E2	710620104033
A3	710620106302	B3	710620104022	C3	710620105001	D3	710620104030	E3	710620105304
A4	710620104020	B4	710620106306	C4	710620104027	D4	710620105302	E4	710620104034
A5	710620106303	B5	710620104023	C5	710620105002	D5	710620104032	E5	710620114001

CSE(IV)	12	ECE(IV)	6	EEE(IV)	6	MECH(IV)	1
Total No. of Candidates -				25			
Total No. of Absentees -							

Name and Signature of
 the Hall Superintendent

Chief Superintendent
 University Examinations



R. Mary Shanthi
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KETTI - 643 815.

Internal Test - I

Regulation: 2017

Date: _____ Department:EEE
Year: IV _____ Semester: VII
Duration: 3 Hours _____ Maximum Mark: 50
Course Code/Title:GE8077Total Quality Management

ANSWER ALL QUESTIONS

PART A - (5 x 2 = 10 marks)

Q. No.	Question	Marks	CO	BL
1.	Why Quality is needed in Business organization?	2	1	R
2.	Mention any four principles of TQM	2	1	U
3.	Define Kaizen	2	2	R
4.	What is Quality planning?	2	1	R
5.	Why strategic planning is important in TQM	2	2	R

PART B - (2 x 13 = 26 marks)

6 (a)	Mention the dimensions of quality? Give examples of any two services you have availed recently and compare them based on their quality Dimensions	13	1	U
-------	---------------------------------------------------------------------------------------------------------------------------------------------------	----	---	---

Or

6(b)	Discuss the role of employee involvement, motivation and empowerment in total quality improvement	13	2	U
7 (a)	List out the deadly diseases of Deming. How do they relate to the 14 points for management	13	1	R

Or

7 (b)	Explain how the process of supplier selection and supplier rating is done in organization ?	13	2	U
-------	---------------------------------------------------------------------------------------------	----	---	---

PART C - (1 x 14 = 14marks)

8	Explain the six basic concepts of TQM .Also discuss about the nine dimensions of quality	14	1	U
9	Explain Juran's Trilogy in detail	14	2	U



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GE8077 TOTAL QUALITY MANAGEMENT

IT 1 ANSWER KEY

PART A

1. Why Quality is needed in business Organization :

Good quality management can enhance your organisation's brand and reputation, protect it against risks, increase its efficiency, boost its profits and reduce waste, and position it to keep on growing. All while making staff and customers happier.

2. Any four principles of TQM

Customer focus, continuous improvement, employee involvement, and a process-oriented approach

3. Define kaizen

Kaizen is an approach to creating continuous improvement based on the idea that small, ongoing positive changes can reap significant improvements.

4. Quality planning

Quality planning is the process of making all the decisions necessary to ensure the quality of your product or service when it reaches your customers. A quality plan is a document or set of documents that, together, define a company's quality goals, standards, practices, resources, specifications, and procedures.

5. why strategic planning is important in TQM

Strategic Quality Planning involves a process that all departments, managers, and other quality professionals are engaged in to identify the "correct" quality initiatives for the best way to manage quality today and in the future. Without the right quality initiatives, you may just be moving from one fad to the next.

PART B

6.a. dimensions of quality :

It is a strategic management tool that can be used as a framework to analyse characteristics of quality. The eight dimensions are performance, features, reliability, conformance, durability, serviceability, aesthetics, and perceived quality.

6.b. role of employee involvement ,motivation and empowerment

Employee involvement :



R. Meey Shanthi
25/11/2020
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KETTI - 643 216.



Employees are seen as having good ideas on how to improve quality and as wanting to do a good job. In TQM programs they are asked to contribute their ideas and are often given responsibility for monitoring quality.

employee empowerment:

For the principles of TQM to take root and yield dividends, there must be a high degree of employee involvement at every organizational level. For this reason, employee empowerment is considered one of the core tenets of TQM.

employee motivation :

Use Total Quality Management (TQM) to improve employee motivation by involving them in decision-making processes, recognizing and rewarding contributions, and providing training for skill development.

7.a. deadly diseased of Demining:

- Lack of constancy of purpose
- Emphasis on short-term profits
- Evaluation of performance, merit rating, or annual review
- Mobility of top management
- Running a company on visible figures alone (counting the money)
- Excessive medical costs
- Excessive costs of liability, swelled by lawyers that work on contingency fees

14 points

1. Create constancy of purpose for improving products and services.
2. Adopt the new philosophy.
3. Cease dependence on inspection to achieve quality.
4. End the practice of awarding business on price alone; instead, minimize total cost by working with a single supplier.
5. Improve constantly and forever every process for planning, production and service.
6. Institute training on the job.
7. Adopt and institute leadership.
8. Drive out fear.
9. Break down barriers between staff areas.
10. Eliminate slogans, exhortations and targets for the workforce.
11. Eliminate numerical quotas for the workforce and numerical goals for management.
12. Remove barriers that rob people of pride of workmanship, and eliminate the annual rating or merit system.
13. Institute a vigorous program of education and self-improvement for everyone.
14. Put everybody in the company to work on accomplishing the transformation



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7.b. process of supplier selection :

- Identify Organization's Needs
- Establish Criteria for Evaluation
- Screen Suppliers
- Ask for Requests for Proposal (RFPs)
- Evaluate and Select Suppliers
- Audit Supplier Sites
- Finalize the Supplier Agreement and Relationship Management

PART C

8.basic concepts of TQM & nine dimensions of Quality :

TQM requires that an organization continually collect and analyze data in order to improve decision making accuracy, achieve consensus, and allow prediction based on past history.
dimensions of quality :

Completeness, accuracy, validity, uniqueness, consistency, timeliness, traceability, clarity, and availability.

9. Juran triology

Joseph Juran has explained his model of quality improvement on the basis of the basis of three universal processes which have been popularly named a Juran Trilogy.

The processes are:

- Quality Planning
- Quality Control
- Quality Improvement

Quality planning — the process for preparing to meet quality goals

- Establish Quality Goals
- Identify Who customers are
- Determine the needs of the customers
- Develop processes able to produce the product features
- Develop product features that respond to customers needs
- Establish process controls
- transfer the plans to the operating forces

Quality control — the process for meeting quality goals during operations.

- Evaluate actual performance
- Compare actual performance with quality goals



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Sl.No.:



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The Nilgiris - 643 215

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INTERNAL TEST I / II (To be filled by the candidate)

College Code	7	1	0	6	Name of the Student	J.H.P. PRAVEEN											
					Register Number	7	1	0	6	2	0	1	0	5	0	0	2
College Name	CSI College of Engineering																
Degree/Branch	B.E - EEE										Semester	07					
Subject Code	GE8077										Date & Session	26-9-23					
Subject Title	Total Quality Management										No of Pages used						

All particulars given are verified								Signature of the Hall Superintendent with date							
Name of the Hall Superintendent				H.P. Rishma				Hx				26/9/23			

DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK

Instruction to the Candidate: Put a tick mark (?) for the questions attempted in the tick mark column against each question

PART A			PART B & C										Grand Total (in words)
Question No	?	Mark	Question No	i	i	ii	ii	iii	iii	Total	Grand Total		
				?	Mark	?	Mark	?	Mark	Marks			
1	✓	2	16	a	✓	13				13	four zero		
2	✓	2		b									
3	✓	1	7	a	✓	11				11			
4	✓	2		b									
5	✓	1	8	a							four zero		
6	X			b									
7	X		9	a	✓	8				8	Grand Total		
8													
9	X		15	a									
10	X												
Total Marks	8		16	Total Marks						32	40/50		

Date	26/9/23	Name of the Faculty	Dr. LAKSHMI PRIYA	Signature of the Faculty	Ponyal
					26/9/23

Sl.No.:



CSI COLLEGE OF ENGINEERING, KETTI

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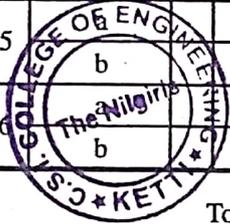
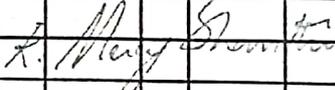
INTERNAL TEST I / II (To be filled by the candidate)

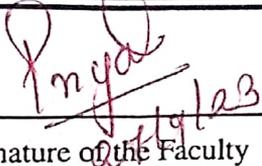
College Code	7	1	0	6	Name of the Student	D. CHRIS CLARENCE											
					Register Number	7	1	0	6	2	0	1	0	5	0	0	1
College Name	CSI COLLEGE OF ENGINEERING																
Degree/Branch	B.E / EEE										Semester	07					
Subject Code	GE8077										Date & Session	26/9/23/EM					
Subject Title	TOTAL QUALITY MANAGEMENT										No of Pages used	8					

All particulars given are verified								Signature of the Hall Superintendent with date							
Name of the Hall Superintendent	J.D. COHEN GRACE							 26/9/23							

DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK

Instruction to the Candidate: Put a tick mark (?) for the questions attended in the tick mark column against each question

PART A			PART B & C										Grand Total (in words)
Question No	?	Mark	Question No	i	i	ii	ii	iii	iii	Total	Grand Total		
				?	Mark	?	Mark	?	Mark	Marks			
1	✓	2	11	a	✓	13				13	Four Eight		
2	✓	2		b									
3	✓	2	12	a	✓								
4	✓	2		b		12				12			
5	✓	2	13	a									
6				b									
7			14	a	✓	13			13	13	Grand Total		
8				b									
9			15	b									
10				b									
Total Marks		10								Total Marks 38  PRINCIPAL CSI COLLEGE OF ENGINEERING KETTI - 643 215.			48/50

Date	27/9/23	Name of the Faculty	G. LAKSHMI PRUTHI	Signature of the Faculty	
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Sl.No.:



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INTERNAL TEST I / II (To be filled by the candidate)

College Code	7106	Name of the Student	KISHORE B			
		Register Number	710620105302			
College Name	CSI COLLEGE OF ENGINEERING					
Degree/Branch	B.E / EEE			Semester	07	
Subject Code	GE8077			Date & Session	26/9/23 / F.N	
Subject Title	TOTAL QUALITY MANAGEMENT			No of Pages used	12	

All particulars given are verified		Signature of the Hall Superintendent with date	
Name of the Hall Superintendent	Hr Reshma	Hr M 26/9/23	

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PART A			PART B & C								Grand Total (in words)
Question No	?	Mark	Question No	i	i	ii	ii	iii	iii	Total Marks	
				?	Mark	?	Mark	?	Mark		
1	✓	2	5	a	✓	12				12	Four seven
2	✓	2		b							
3	✓	2	7	a	✓	13				13	
4	✓	2		b							
5	✓	2	8	a							Grand Total
6	✓	2		b							
7	✓	2	9	a	✓	12				12	
8				b							
9	✓		15								Grand Total
10											
Total Marks		10	16	Total Marks		37		47/50			



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Date	26/9/23	Name of the Faculty	G. LAKSHMI PRIYA	Signature of the Faculty	Priya 26/9/23
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Internal Test - 2

Regulation: 2017

Date: 16/10/2023

Department: EEE

Year: IV

Semester: VII

Duration: 1:30 Minutes

Maximum Mark: 50

Course Code/Title: GE8077 Total Quality Management

ANSWER ALL QUESTIONS

PART A - (5 x 2 = 10 marks)

Q. No.	Question	Marks	CO	BL
1.	Explain six -sigma	2	3	U
2.	List out the new seven management tools	2	3	R
3.	When should PDCA cycle be used ?	2	2	R
4.	Distinguish between competitive and non - competitive benchmarking	2	3	U
5.	State the Objectives of Quality Control	2	2	R

PART B - (2 x 13 = 26 marks)

6 (a)	Explain how the process of supplier selection and supplier rating is done in organizations	13	2	U
-------	--------------------------------------------------------------------------------------------	----	---	---

Or

6 (b)	How six-sigma approach can be applied in service organizations ? Mention the key measures of performance to be examined?	13	3	U
-------	--------------------------------------------------------------------------------------------------------------------------	----	---	---

7 (a)	Why do you use Failure Models and effect analysis? Discuss the step involved in FMEA procedure	13	3	R
-------	------------------------------------------------------------------------------------------------	----	---	---

Or

7 (b)	Discuss how the motivational theories can be applied to total quality management	13	2	R
-------	----------------------------------------------------------------------------------	----	---	---

PART C - (1 x 14 = 14marks)

8	Elaborate in detail about the seven Traditional tools of quality	14	3	U
---	------------------------------------------------------------------	----	---	---

9	Discuss about benchmarking and the process of benchmarking	14	3	U
---	------------------------------------------------------------	----	---	---



R. Mercy Shantra

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GE8077 TOTAL QUALITY MANAGEMENT

IT 2 ANSWER KEY

Part A

1.Six Sigma

Six Sigma is a quality improvement methodology focusing on identifying and eliminating defects within a process. Originating in 1984, Motorola engineer Bill Smith created Six Sigma to minimize variations in their electronic manufacturing, thereby reducing product defects.

2.Seven New management tools:

Affinity Diagram, Relations Diagram, Tree Diagram, Matrix Diagram, Matrix Data Analysis, Arrow Diagram, and Process Decision Program Chart (PDPC).

3.When should be PDCA cycle used :

Use the PDCA cycle when: Starting a new improvement project. Developing a new or improved design of a process, product, or service. Defining a repetitive work process.

4.Comparison between Competitive and non competitive benchmarking

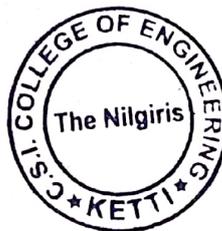
Competitive benchmarking compares how well (or poorly) an organization is doing with respect to the leading competition, especially with respect to critically important attributes, functions, or values associated with the organization's products or services.

Non competitive:

Non-competitive benchmarking – This type of benchmarking involves benchmarking against other companies in different industries. This has the advantage of excluding market competition from the process of comparison .

5.Objectives of quality control :

The primary objective of Quality Control is to identify and correct any deviations from the established quality standards. This process involves monitoring and inspecting products or services at various stages of production or delivery to ensure that they meet the desired level of quality.



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PART B

6.a. Supplier selection and supplier rating :

Supplier selection :

- Identify Organization's Needs
- Establish Criteria for Evaluation
- Screen Suppliers
- Ask for Requests for Proposal (RFPs)
- Evaluate and Select Suppliers
- Audit Supplier Sites
- Finalize the Supplier Agreement and Relationship Management

Supplier rating

- Define your metrics. Before evaluating suppliers, define your metrics based on the most important criteria for the business. ...
- Identify potential vendors. ...
- Create an evaluation process. ...
- Communicate with vendors.

6.b Six Sigma Approach:

- Define the problem, the customer, the project requirements, and the ultimate goals and expectations of the customer. During this phase, projects are selected, research is conducted to determine various opportunities and possibilities, and the scope of the project is established.
- Measure performance of the current process by establishing a data collection plan to determine defects and gather metrics. At this stage, it's important to establish performance baselines, future goals, and how performance will be measured.
- Analyze the process to establish root cause of variations and defects to identify issues with the current strategy that stand in the way of the end goal. During the analyze phase, it's important to use data to identify parameters and inputs that have the most significant impact on the final process.
- Improve the process by eliminating root causes of defects through innovative solutions. During the improve phase, the focus is on testing the best potential solutions identified in the earlier phases. It's important to consider performance, cost, implementation demands, and risks or disruptions that may arise.
- Control the new process to avoid falling into old habits and to ensure it stays on track. During this final phase, all changes made to the process are documented, the root cause of every problem is explained, and a schedule is established for continued monitoring.



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7.a. Steps in FMEA :

- Step 1: Determine What Needs to be Addressed. ...
- Step 2: Create a Cross-Functional FMEA Team. ...
- Step 3: Lay Down the Process, System, or Steps. ...
- Step 4: Analyze Each Step and Determine Problem Areas. ...
- Step 5: Select Which Issues to Prioritize. ...
- Step 6: Implement the Changes.
- Step 7: Monitor the Implementation of the Changes and Measure their Effectiveness

7.b Motivational theories:

- Maslow's Hierarchy of Needs
- Herzberg's Two-Factor Theory
- McClelland's Theory of Needs
- Expectancy Theory
- Equity Theory

PART C

8. Seven traditional tools of quality :

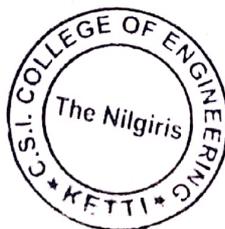
low Chart, Histogram, Cause-and-Effect Diagram, Check Sheet, Scatter Diagram, Control Charts, and Pareto Charts.

9. Benchmarking and its process:

In business, benchmarking is a process used to measure the quality and performance of your company's products, services, and processes. These measurements don't have much value on their own—that data needs to be compared against some sort of standard.

Process :

- Select a subject to benchmark
- Decide which organizations or companies you want to benchmark
- Document your current processes
- Collect and analyze data
- Measure your performance against the data you've collected
- Create a plan
- Implement the changes
- Repeat the process



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		Register Number	710520105302
College Name	CSI College of Engineering		
Degree/Branch	BE/ECE	Semester	07
Subject Code	GE8077	Date & Session	14/10/23/F.N
Subject Title	TQM	No of Pages used	

All particulars given are verified		Signature of the Hall Superintendent with date	
Name of the Hall Superintendent	N. SATHIABAMA		

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Instruction to the Candidate: Put a tick mark (✓) for the questions attended in the tick mark column against each question

PART A			PART B & C							Grand Total (in words)		
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii		Total Marks	
				✓	Mark	✓	Mark	✓	Mark			
1	✓	2	6	a	✓	10				10	four's four	
2	✓	2		b								
3	✓	1	7	a	✓	12				12		
4	✓	2		b								
5	✓	2	8	a	✓	13				13		
6				b								
7			14	a								Grand Total
8				b								
9			15	a								
10				b								
Total Marks		9	16	a							35	
				b								



P. Mary
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44/50

Date	15/10/23	Name of the Faculty	G. LAKSHMI PRASAD	Signature of the Faculty	
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* Scatter diagram:

A Scatter diagram is a graphical tool that is used to show the relationship between the two variables.

* Stratification:

Stratification is a technique that is used to divided data into groups based on common characteristics.

It is can be done used to identify differences between groups and to identify

the root cause of problems.

Good Work.



R. Mayanthu
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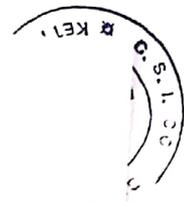
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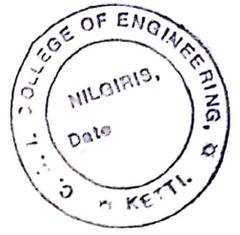


INTERNAL TEST I / II

(To be filled by the candidate)

College Code	7 1 0 6	Name of the Student	J.H.P. PRAVEEN								
College Name	CSI College of Engineering										
Degree/Branch	BE - FEE		Semester	07							
Subject Code	6E8077		Date & Session	14-10-23/F.N							
Subject Title	Total Quality Management		No of Pages used								
All particulars given are verified			Signature of the Hall Superintendent with date								
Name of the Hall Superintendent	J. Jayalaxmi		J. Jayalaxmi 14/10/23								
DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK											
Instruction to the Candidate: Put a tick mark (✓) for the questions attended in the tick mark column against each question											
PART A			PART B & C								
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii	Total	Grand Total (in words)
				✓	Mark	✓	Mark	✓	Mark	Marks	
1	✓	2	6/a	✓	10					10	four three
2	✓	2	7/b								
3	✓	2	8/a	✓	12					12	
4	✓	2	12/b								
5	✓	1	8/a	✓	12					12	
6			10/b								Grand Total
7			9/a								
8											Grand Total
9											
10											Grand Total
Total Marks	9		Total Marks				34		43/50		
15/10/23			G. Lakshmi Priya			Principal			15/10/23		
Date			Name of the Faculty			Signature of the Faculty					





4. Check Sheet :-

Check sheets allow the user to collect data from a process in an easy, systematic and organized manner.

5. Histograms :-

To determine the spread or variation of a set of data points in a graphical form. It is always a desire to produce things that are equal to their design values.

6. Scatter Diagrams :-

To identify correlations that might exist between a quality characteristic and a factor that might be driving it.

Scatter diagram is a non-mathematical or graphical approach for identifying relationships between a performance measure and factors that might be driving it.

R. Munej Shanthi



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7. Control charts :-

Process is in control and to monitor process variation on a continuous basis. Identifying the tolerance level in the variations. Control charts is one SPC tool that enables us to monitor control process variation. Types of variation common & special cause variation.

Improve your Handwriting



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		Register Number	710620105001
College Name	CSI COLLEGE OF ENGINEERING		
Degree Branch	B.E / EEE	Semester	07
Subject Code	GE8077	Date & Session	14/10/23 / E
Subject Title	TOTAL QUALITY MANAGEMENT	No of Pages used	

All particulars given are verified		Signature of the Hall Superintendent with date	
Name of the Hall Superintendent	J. Jayarajshini	J. Jayarajshini 14/10/23	

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PART A			PART B & C							Grand Total (in words)	
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii		Total Marks
				✓	Mark	✓	Mark	✓	Mark		
1	✓	2	6/1 a	✓	11					11	four eight
2	✓	2	b								
3	✓	2	7/1 a	✓	13					13	
4	✓	2	b								
5	✓	2	8/1 a	✓	14					14	
6			b								Grand Total
7			14 a								
8											
9			15 a								
10			b								43/50
Total Marks		10	16							38	
			Total Marks							38	

Date	15/10/23	Name of the Faculty	Dr. LAKSHMI PRIYA	Signature of the Faculty	
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Scatter Diagram

The scatter diagram is a simple graphical device to depict the relationship between two variables.

* A scatter diagram is composed of a horizontal axis containing the measured values of one variable and a vertical axis representing the measurements of the variable.

* The diagram displays the paired data as a cloud of points. The density and direction of the cloud indicate how the two variables influence each other.

Keep up the good work.



R. M. Shanmugam

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Internal Test - 3

Regulation: 2017

Date: 16/11/2023

Department: EEE

Year: IV

Semester: VII

Duration: 1:30Minutes

Maximum Mark: 50

Course Code/Title: GE8077 Total Quality Management

ANSWER ALL QUESTIONS

PART A - (5 x 2 = 10 marks)

Q. No.	Question	Marks	CO	BL
1.	List any four objectives of using performance measures in organisations.	2	4	R
2.	Mention any two reasons for organisations implementing a quality system that conforms to an ISO standard	2	5	U
3.	Mention the sectors in which AS91000 and TS1649 standards are implemented .	2	5	U
4.	Define house of Quality	2	4	R
5.	List the various product evaluation standards of ISO 14000	2	5	R

PART B - (2 x 13 = 26 marks)

6 (a)	Discuss the various elements of ISO9000-2000 quality system	13	5	U
Or				
6 (b)	Explain the measures of performance in evaluating the success of an organisation .Also discuss the techniques for presenting performance measures	13	4	U
7 (a)	Write brief notes on Quality Auditing in QMS	13	5	R

Or

7 (b)	(i) Describe the organizational structure of a quality circle . (ii) Describe the steps followed to evolve solutions through the conduct of a quality circle	13	4	R
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PART C - (1 x 14 = 14marks)

8	(i) Draw the format of 'House of Quality ' and Indicate the components in it . (ii) Describe the 'Quality Function Deployment (QFD) Process '	14	4	An
9	(i) Describe the documentation hierarchy to be adopted while implementing ISO 14001 standard organisation. (ii) Enumerate any seven organisational benefits of implementing ISO 14001 standard.	14	5	An

S.No	Cognitive Level Addressed	Marks	Percentage
1	Remember (R)	19	19%
2	Understand (U)	17	17%
3	Apply (Ap)	-	-
4	Analyze (An)	14	14%
Total		100	100%

Course Instructor

Course Expert

IQAC Coordinator

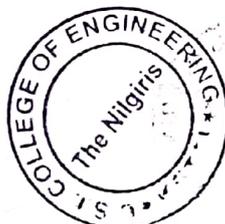
HOD

Lakshmi Priya .G

Sathiabama.N

Dr. S. Rajesh Kana

Dr.R. Chandrasekaran



R. Mercy Shanthi
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GE8077 TOTAL QUALITY MANAGEMENT

IT 3 ANSWER KEY

PART A

1. four objectives of using performance measure :

demonstrate accountability, support decision making and improve processes.

2. any two reasons for organizations implementing a quality system that conforms to ISO

helps organizations ensure their customers consistently receive high quality products and services, which in turn brings many benefits, including satisfied customers, management, and employees.

3. AS9100 & TS1649 used in which sectors :

AS 9100 was the first standard available for use across the global aerospace community, providing requirements necessary to address both civil and military aviation and aerospace needs.

TS1649 provides a framework for achieving best practice with regards to the design and manufacture of products for the automotive supply chain.

4. house of quality

Quality Glossary Definition: House of Quality. The House of Quality (HOQ) is defined as a product planning matrix that is built to show how customer requirements relate directly to the ways and methods companies can use to achieve those requirements.

5. various product evaluation standards of ISO 14000

Here are the key standards included in ISO 14000: ISO 14001 and ISO 14002: Specification of Environmental Management Systems. ISO 14004: Guideline Standard. ISO 14015, ISO 14016, and ISO 14017: Environmental Auditing and Related Activities.

Part B

6.b. measures of performance in evaluating success of an organization

- customer satisfaction
- Defect Rate
- Process Efficiency
- employee engagement
- cost of quality



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7.a quality auditing in QMS

The quality audit is a procedure for monitoring and improving all parts of the quality management system based on an independent and systematic investigation. Therefore, a Quality audit is a modern information system that can assess the effectiveness and appropriateness of quality and the effects of these measures should be monitored.

7.b organizational structure of quality circle :

Quality Circles, also known as QC or Kaizen Circles, are small groups of employees who voluntarily come together to identify, analyze, and solve quality-related problems within an organization. Originating in Japan in the 1960s, this concept has since spread worldwide as an effective means of improving quality and productivity.

Objectives of a Quality Circle

The primary objectives of Quality Circles are:

Problem Solving: To identify and resolve quality issues, defects, or process inefficiencies.

Continuous Improvement: To develop a culture of continuous improvement by encouraging employees to take ownership of quality-related challenges.

Benefits of Quality Circles

There are numerous benefits of Quality Circles:

Improved Quality: QC teams are dedicated to finding and fixing quality issues, leading to better product or service quality.

Cost Reduction: Organizations can reduce waste and operational costs by identifying and rectifying inefficiencies.

Part C

8. (i) House of Quality and its components :

The House of Quality has six main sections: Customer Requirements – the starting point for the design process. Planning Matrix – information on how the market sees current offerings. Technical Requirements – a translation of customer requirements into in-house technical specifications.



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INTERNAL TEST I / III (To be filled by the candidate)

College Code	7106	Name of the Student	Ashik S	
		Register Number	710620105003	
College Name	C.S.I. College of Engineering			
Degree/Branch	BE / EEE	Semester	07	
Subject Code	CE8077	Date & Session	16/11/23 FN	
Subject Title	Total Quality Management	No of Pages used		

All particulars given are verified	Signature of the Hall Superintendent with date
Name of the Hall Superintendent	A. P. S. A. C.

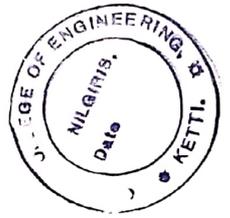
DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK

Instruction to the Candidate: Put a tick mark (✓) for the questions attended in the tick mark column against each question

PART A			PART B & C							Grand Total (in words)	
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii		Total Marks
				✓	Mark	✓	Mark	✓	Mark		
1	✓	2	11	a	✓	12				12	Grand Total 42/50
2	✓	1		b							
3	✓	2	12	a	✓	12				12	
4	✓	1		b							
5			13	a	✓	12				12	
6				b							
7			14	a							
8				b							
9			15	a							
10				b							
Total Marks		6	16	a							Grand Total 42/50
			b								
			Total Marks							36	

Date	Name of the Faculty	Signature of the Faculty
16/11/23	G. NARSHINI PRIYA	<i>[Signature]</i>

development and design.



3.) → ISO 14001

→ ISO 14020

→ ISO ~~14024~~

→ ISO 14050.

Wall Done.



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		Register Number	7 1 0 6 2 0 1 0 5 0 0 2		
College Name	CSI COLLEGE OF ENGINEERING				
Degree/Branch	BE/EEE			Semester	07
Subject Code	GE 8077			Date & Session	16/11/23 PM
Subject Title	TOTAL QUALITY MANAGEMENT			No of Pages used	

All particulars given are verified	Signature of the Hall Superintendent with date
Name of the Hall Superintendent	
A. J. AAC	

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PART A			PART B & C							Grand Total (in words)	
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii		Total Marks
				✓	Mark	✓	Mark	✓	Mark		
1	✓	2	11	a						10	Grand Total
2	✓	1		b	✓	10					
3	✓	2	12	a						11	
4	✓	1		b	✓	11					
5	✓	0	13	a						14	
6				b	✓	14					
7			14	a							
8				b							
9				a							
10											
Total Marks		5	 PRINCIPAL CSI COLLEGE OF ENGINEERING KETTI - 643 215.							35	45/50

Date	Name of the Faculty	Signature of the Faculty
16/11/23	G. LAKSHMI PRUTHI	

- 3] * AS9100: Aerospace Vector
* IATF 16949 (formerly 75 16949).
automic sector.

4] The house of Quality is a Quality Management tool used in product.

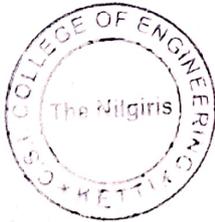
5] * ISO 14001

* ISO 14020

* ISO 14024

* ISO 14050.

Well Done.



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The Nilgiris - 643 215

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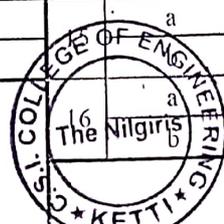
INTERNAL TEST I / III (To be filled by the candidate)

College Code	7	1	0	6	Name of the Student	Chair Clarence D.	
					Register Number	710620105001	
College Name	CSI COLLEGE OF ENGINEERING						
Degree/Branch	B.E - EEE				Semester	IV	
Subject Code	GE 8077				Date & Session	16/11/2023	
Subject Title	TOTAL QUALITY MANAGEMENT				No of Pages used		

All particulars given are verified	Signature of the Hall Superintendent with date
Name of the Hall Superintendent	A. ISAAC
	<i>(Signature)</i>

DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK

Instruction to the Candidate: Put a tick mark (✓) for the questions attended in the tick mark column against each question

PART A			PART B & C						Total Marks	Grand Total (in words)	
Question No	✓	Mark	Question No	i	i	ii	ii	iii			iii
				✓	Mark	✓	Mark	✓	Mark		
1	✓	2	11	a	✓	12				12	
2	✓	2		b							
3	✓	2	12	a						12	
4	✓	2		b	✓	12					
5	✓	2	13	a						13	
6				b	✓	13					
7			14	a							Grand Total
8				b							
9			a								
10			a								
Total Marks		10	 PRINCIPAL CSI COLLEGE OF ENGINEERING KETTI - 643 215.						37	HT/50	

Date	Name of the Faculty	Signature of the Faculty
16/11/23	Dr. LAKSHMI PRIYA	<i>(Signature)</i>



PART - A.

1).

- * Evaluate Performance
- * Inform Decision Making.
- * Monitor Progress
- * Enhance Accountability

2).

- * Enhance Credibility and Marketability.
- * Improve Efficiency and Effectiveness.

3).

- * AS9100 ; Aerospace Sector
- * IATF ; 16949 (Formerly TS 16949).

*Keep up the
foot work*

4.

The house of
tool used in



Automigen
A. M. S. Shanmugam

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

Quality is a quality management
product.

2021

CSI COLLEGE OF ENGINEERING, KETTI.

CIRCULAR

Date: 06.04.2024

The First Internal Test for UG First and Second years is scheduled to be conducted from 29.04.2024 to 02.05.2024. The Last date for submission of Question papers is 23.04.2024 (Tuesday).

The staffs are asked to prepare 2 sets of question papers for 2021 regulation – 60 marks (Part A, Part B & Part C).



DIRECTOR

CSI COLLEGE OF ENGINEERING, KETTI.

CIRCULAR

Date: 06.04.2024

The First Internal Test for UG First and Second years is scheduled to be conducted from 29.04.2024 to 02.05.2024. The Last date for submission of Question papers is 23.04.2024 (Tuesday).

The staffs are asked to prepare 2 sets of question papers for 2021 regulation – 60 marks (Part A, Part B & Part C).



DIRECTOR



R. May Eshwari
PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 218.



CSI COLLEGE OF ENGINEERING, KETTL, THE NILGIRUS-64
INTERNAL TEST - I For UG - I Year & II Year, INTERNAL TEST II For UG III Year, INTERNAL TEST III For UG IV Year
 Department of Civil Engineering

S.No	Date	Time	I Year	II Year	III Year	IV Year
1	29/04/2024	9:30 to 11:00	HS3252-Professional English - II	CE3401-Applied Hydraulic Engineering	CE3601-Design of Steel Structural Elements	GE3076-Professional Ethics in Engineering
2	29/04/2024	1:30 to 4:00	MA3251-Statistics and Numerical Methods	GE3451-Environmental Sciences and Sustainability	CE3602-Structural Analysis II	CE3070-Maintenance, Repair and Rehabilitation of Structures
3	30/04/2024	9:30 to 11:00	PH3201-Physics for Civil Engineering	CE3403-Concrete Technology	AG3601-Engineering Geology	
4	30/04/2024	1:30 to 4:00	GE3251-Engineering Graphics	CE3404-Soil Mechanics	CE3016-Ground Improvement Techniques	
5	02/05/2024	9:30 to 11:00	BE3252-Basic Electrical, Electronics and Instrumentation Engineering	CE3402-Strength of Materials	CE3024-Topographic Surveying	
6	02/05/2024	1:30 to 4:00		CE3405-Highway and Railway Engineering	CE3033-Solid and Hazardous Waste Management	
7	22/04/2024	9:30 to 11:00	GE3252-Terms and Technolog			
Department of Computer Science & Engineering						
S.No	Date	Time	I Year	II Year	III Year	IV Year
1	29/04/2024	9:30 to 11:00	HS3252-Professional English - II	CS3452-Theory of Computation	OE3651-Renewable Energy Systems	GE3076-Professional Ethics in Engineering
2	29/04/2024	1:30 to 4:00	MA3251-Statistics and Numerical Methods	GE3451-Environmental Sciences and Sustainability		CS3030-Information Retrieval Techniques
3	30/04/2024	9:30 to 11:00	PH3256-Physics for Information Science	CS3492-Database Management Systems		
4	30/04/2024	1:30 to 4:00	GE3251-Engineering Graphics	CS3401-Algorithms		
5	02/05/2024	9:30 to 11:00	BE3251-Basic Electrical and Electronics Engineering	CS3451-Introduction to Operating Systems		
6	02/05/2024	1:30 to 4:00	CS3251-Programming In C	CS3491-Artificial Intelligence and Machine Learning		
7	22/04/2024	9:30 to 11:00	GE3252-Terms and Technolog			
Department of Electrical & Electronics Engineering						
S.No	Date	Time	I Year	II Year	III Year	IV Year
1	29/04/2024	9:30 to 11:00	HS3252-Professional English - II	EE3401-Transmission and Distribution	EE3601-Protection and Switchgear	GE3076-Professional Ethics in Engineering
2	29/04/2024	1:30 to 4:00	MA3251-Statistics and Numerical Methods	EE3451-Environmental Sciences and Sustainability	EE3602-Power System Operation and Control	EE3073-Biomedical Instrumentation
3	30/04/2024	9:30 to 11:00	PH3201-Physics for Electrical Engineering	EE3402-Linear Integrated Circuits	EE3025-Electric Vehicle Architecture	
4	30/04/2024	1:30 to 4:00	GE3251-Engineering Graphics	EE3403-Measurements and Instrumentation	EE3036-Model Based Control	
5	02/05/2024	9:30 to 11:00	BE3255-Basic Civil and Mechanical Engineering	EE3404-Microprocessor and Microcontroller	EE3033-Hybrid Energy Technology	
6	02/05/2024	1:30 to 4:00	EE3251-Electric Circuit Analysis	EE3405-Electrical Machines - II		
7	22/04/2024	9:30 to 11:00	GE3252-Terms and Technolog			



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CSI COLLEGE OF ENGINEERING
 KETTL - 643 216.

Department of Electronics and Communications Engineering

S.No	Date	Time	I Year	II Year	III Year	IV Year
1	29/04/2024	9:30 to 11:00	HS3252-Professional English - II	EC3401 - Networks and Security	OEE351 - Renewable Energy System	GE2076-Professional Ethics in Engineering
2	29/04/2024	2:30 to 4:00	MA3251-Statistics and Numerical Methods	GE3451-Environmental Sciences and Sustainability	CEC352 - Satellite Communication	EC2094 - Satellite Communication
3	30/04/2024	9:30 to 11:00	PH3254-Physics for Electronics Engineering	EC3451-Linear Integrated Circuits	CEC333 - Advanced Wireless Communication Techniques	
4	30/04/2024	2:30 to 4:00	GE3251-Engineering Graphics	EC3492-Digital Signal Processing		
5	02/05/2024	9:30 to 11:00	BE3252-Electrical and Instrumentation Engineering	EC3491 - Communication Systems		
6	02/05/2024	2:30 to 4:00	EC3251 -Circuit Analysis	EC3452-Electromagnetic Fields		
7	22/04/2024	9:30 to 11:00	GE3252-Tamil and Technolog			

Department of Mechanical Engineering

S.No	Date	Time	I Year	II Year	III Year	IV Year
1	29/04/2024	9:30 to 11:00	HS3252-Professional English - II	ME3491 -Thermal Engineering	CME365 - Renewable Energy Technologies	GE2076-Professional Ethics in Engineering
2	29/04/2024	2:30 to 4:00	MA3251-Statistics and Numerical Methods	GE3451-Environmental Sciences and Sustainability	CME367 - Non-traditional Machining Processes	MG3591 - Principles of Management
3	30/04/2024	9:30 to 11:00	PH3251 - Materials Science	ME3492 -Theory of Machines	CME340 - CAD/CAM	
4	30/04/2024	2:30 to 4:00	GE3251-Engineering Graphics	ME3493-Hydraulics and Pneumatics	CME369 - Design of Transmission System	
5	02/05/2024	9:30 to 11:00	BE3251 - Basic Electrical and Electronics Engineering	CE3491 - Strength of Materials	ME3691 -Heat and Mass Transfer	
6	02/05/2024	2:30 to 4:00		ME3451 -Manufacturing Technology		
7	22/04/2024	9:30 to 11:00	GE3252-Tamil and Technolog			

Department of Information Technology

S.No	Date	Time	I Year	II Year	III Year	IV Year
1	29/04/2024	9:30 to 11:00	HS3252-Professional English - II	CS3451-Introduction to Operating Systems	OEE351 - Renewable Energy System	GE2076-Professional Ethics in Engineering
2	29/04/2024	2:30 to 4:00	MA3251-Statistics and Numerical Methods	GE3451-Environmental Sciences and Sustainability	CS367 - Storage Technologies	IT2072- Web Design and Management
3	30/04/2024	9:30 to 11:00	PH3256-Physics for Information Science	CS3492-Database Management Systems	CCS355 - Neural Networks and Deep Learning	
4	30/04/2024	2:30 to 4:00	GE3251-Engineering Graphics	IT3401 -Web Essentials	CCS334 - Big Data Analytics	
5	02/05/2024	9:30 to 11:00	BE3252-Basic Electrical, Electronics and Instrumentation Engineering	CS3452-Theory of Computation	CCS356 - Object Oriented Software Engineering	
6	02/05/2024	2:30 to 4:00	CS3251 - Programming In C	CS3491-Artificial Intelligence and Machine Learning		
7	22/04/2024	9:30 to 11:00	GE3252-Tamil and Technolog			

Department of Artificial Intelligence and Data Science

S.No	Date	Time	I Year
1	29/04/2024	9:30 to 11:00	HS3252-Professional English - II
2	29/04/2024	2:30 to 4:00	MA3251-Statistics and Numerical Methods
3	30/04/2024	9:30 to 11:00	PH3256-Physics for Information Science
4	30/04/2024	2:30 to 4:00	GE3251-Engineering Graphics
5	02/05/2024	9:30 to 11:00	BE3251-Basic Electrical and Electronics Engineering
6	02/05/2024	2:30 to 4:00	AD3251-Data Structures Design
7	22/04/2024	9:30 to 11:00	GE3252-Tamil and Technolog



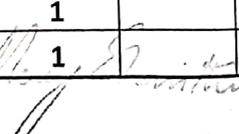
PRINCIPAL
K. J. Somaiya Institute of Engineering & Information Technology
W. S. Somaiya College of Engineering
K. J. Somaiya Group of Institutions
KSTPI - 643 216

DIRECTOR


ANNA UNIVERSITY CHENNAI
INTRENAL TEST - 1 FOR I & II ,INTERNAL TESTR 2 & 4 FOR III & IV YEAR UG STUDENTS
DETAILS OF INVIGILATION DUTY-April May 2024
CENTRE: 7106, CSI COLLEGE OF ENGINEERING, KETTI

S.No	Name of the Invigilator	Month Date Time	29-Apr						Signature
			29.04.2024	29.04.2024	30.04.2024	30.04.2024	02.05.2024	02.05.2024	
			9.30 to 11.00	2:30 to 4:00	9.30 to 11.00	2:30 to 4:00	9.30 to 11.00	2:30 to 4:00	
1	Dr. Dhanraj / APME			1			1		
2	Dr. Sivakumar / APME	1			1				
3	Dr. Manoj Prabhakar / APME		1	1					
4	Mr. Nijesh / APME	1		1					
5	Mr. Benjamin / APME		1			1			
6	Mr. Shankar / APEE	1			1				
7	Mrs. Sathiyabama / APEE	1					1		
8	Mrs.Kowsalya / APEE		1		1				
9	Mrs. Deepa / APEE			1			1		
10	Mrs.LakshmiPriya / APEE	1			1				
11	Mrs. Reshma / APEC			1			1		
12	Mrs.J.Jincy / APEC	1					1		
13	Mrs.Angeline Felicia / APEC	1		1					
14	Mr. Vijayaraj / APCS	1				1			
15	Mrs.C.Aruna / APCS	1		1					
16	Mrs.Saranya / APCS		1		1		1		
17	Mrs.Ruth / APCS		1			1			
18	Ms.Pavithra / APCS	1				1			
19	Ms.Keerthi / APCS				1	1			
20	Ms.Ramya / APCS		1		1	1			
21	Mrs.Geethakumari D /APCE	1		1					
22	Mr. Nawaz / APCE		1				1		
23	Mrs.Irfana parveen / APCE		1		1	1			
24	Mrs. Jayalakshmi /APIT	1				1			
25	Mrs.Banupriya /APIT				1	1			
26	Mr.Ramakirishnan /APIT				1		1		
27	Dr.J.Sundarajan / APE			1			1		
28	Mr.T.Prakash /APM		1			1			
29	Mrs.Geetha /APM		1				1		
30	Dr.Ponmani /APM		1		1				
31	Mrs.Collin /APP	1		1					
32	Dr.O.Raina /APC		1		1				
33	Mr.Sunil /APP	1		1					
34	Mrs.Saritha Babu /APE		1			1			
35	Mrs.Melita Jasmine/APT	1		1		1			




PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 216.
DIRECTOR

PROFORMA 1
CSI COLLEGE OF ENGINEERING
INTERNAL EXAMINATION APR/MAY (2024)
SEATING ARRANGEMENTS

Centre Code and Name: 7106 - CSI COLLEGE OF ENGINEERING, KETTI, THE NILGIRIS

Hall No.: **1**

Date: 29.04.2024

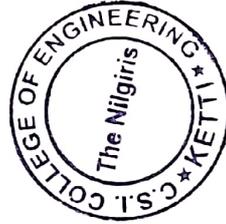
Class: IT(IV), CSE(IV), ECE(IV)

Session: FN & AN

A	B					C					D					E									
	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5	D1	D2	D3	D4	D5	E1	E2	E3	E4	E5
	710620104002	710620205004	710620104003	710620205009	710620104005	710620205011	710620104006	710620205301	710620104008	710620205302	710620104009	710620106001	710620104010	710620106002	710620104011	710620106003	710620104012	710620106004	710620104013	710620106006	710620104014	710620106007	710620104016	710620106009	710620104018
	710620205001					710620205002					710620205003														
IT(IV)					CSE(IV)					ECE(IV)					7										
Total No. of Candidates -					8					13					28										
Total No. of Absentees -																									

Name and Signature of
the Hall Superintendent

Chief Superintendent
University Examinations



R. Meey Shanthi

PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 216.

CSI COLLEGE OF ENGINEERING, KETTI
Internal Examination APR /MAY - 2024
Hall Allocation

Date : 29.04.2024

Session : FN & AN

S.No	Dept/Year	Register No	No.of.student	Hall No
1	IT/IV	710620205004, 009, 011, 301, 302, 710620205001, 002, 003	8	1
2	CSE/IV	710620104002, 003, 005, 006, 008, 009, 010, 011, 012, 013, 014, 016, 018	13	1
3	ECE/IV	710620106001, 002, 003, 004, 006, 007, 009	7	1
4	CSE/IV	710620104019, 020, 021, 022, 023, 025, 027, 028, 030, 032, 033, 034	12	2
5	ECE/IV	710620106301, 302, 303, 305, 306, 307	6	2
6	EEE/IV	710620105001, 002, 301, 302, 303, 304	6	2
7	MECH/IV	710620114001	1	2
8	CSE/IV	710620104036, 039, 040, 041, 042, 045, 046, 048, 049, 050, 051, 052, 053	13	20
9	MECH/IV	710620114002, 004, 005, 007, 008, 301, 303, 304, 305, 306, 307, 308	12	20
10	CSE/IV	710620104054, 055, 301, 302, 304, 305, 306, 308, 309, 310, 501, 701	12	21
11	CIVIL/IV	710620103002, 003, 006, 302, 710620103303, 305, 306, 307	8	21
12	MECH/IV	710620114309, 310, 311, 312, 313, 314, 315, 316, 318	9	21



R. Mercy Shanthi
PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI-643 818.

Set 1

Reg.
No

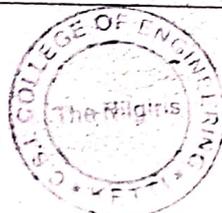
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CSI College of Engineering Ketti
The Nilgiris - 643215



Internal Test - I			
Regulation: 2021			
Date	29/04/2024	Department	CHEMISTRY
Semester	IV	Class/Section	II MECH, ECE, EEE, CVL, CSE & IT
Duration	1 1/2 hrs	Maximum marks	60
Course Code & Title: GE3451 & ENVIRONMENTAL SCIENCES & SUSTAINABILITY			

ANSWER ALL QUESTIONS				
PART A- (10X2= 20 MARKS)				
Q. No	Questions	Marks	CO	BL
1	Define Environmental Science.	2	1	R
2	List out the Hot Spots of Biodiversity in India.	2	1	R
3	Give the Values of Biodiversity.	2	1	R
4	What is Ecological Succession?	2	1	U
5	Compare Forest, Grassland and Pond Ecosystem	2	1	R
6	Recall the Techniques used in e-Waste Management.	2	2	R
7	Mention few Effects of Noise Pollution	2	2	R
8	State Air Pollution	2	2	U
9	Define OHASMS.	2	2	R
10	Give Some Control Measures of Soil Pollution	2	2	U
PART B- (2X13= 26 MARKS)				
11	(a) Explain Hazardous Waste Management in detail (or)	13	2	U
	(b) Outline the Causes, Effects and Control Measures of Water Pollution	13	2	U
12	(a) Summarize Energy Conservation & Energy Management (or)	13	3	U
	(b) Illustrate 15 ways of Conservation of Energy	13	3	U



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

Set 1

Reg. No

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**CSI College of Engineering Ketti
The Nilgiris - 643215**



PART C - (1X14 = 14 MARKS)				
15	(a) Enumerate In-Situ Conservation of Biodiversity (or)	14	1	R
	(b) Elaborate Structure & Functions of an Ecosystem	14	1	R

S.No	Cognitive Level addressed	Marks	Percentage
1	Remember (R)	28	47%
2	Understand(U)	32	53%
	Total	100	100

Course Instructor
Prof. J. Dominic Xavier
Prof. R. Arthi
Dr. O.Raina

Course Expert
[Signature]
Prof. R. Arthi

~~IQAC Coordinator~~
[Signature]
Dr. S. Rajesh Kana

HOD
[Signature]
Prof. J. Dominic Xavier

[Handwritten signature]



**PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 215.**

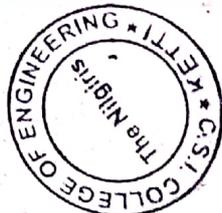


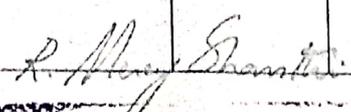
**CSI College of Engineering Ketti
The Nilgiris - 643215**



Internal Test – I			
Regulation: 2021			
Date	29/04/2024	Department	CHEMISTRY
Semester	IV	Class/Section	II MECH, ECE, EEE, CVL, CSE & IT
Duration	1 1/2 hrs	Maximum marks	60
Course Code & Title: GE3451 & ENVIRONMENTAL SCIENCES & SUSTAINABILITY			

ANSWER ALL QUESTIONS				
PART A- (10X2= 20 MARKS)				
Q. No	Questions	Marks	CO	BL
1	Define Ecological Succession.	2	1	R
2	Compare any three Ecosystems with Examples.	2	1	R
3	List out the Hot-Spots of Biodiversity in India.	2	1	R
4	What is Environmental Science?	2	1	U
5	Give the Values of Biodiversity	2	1	R
6	Recall the Techniques used in e-Waste Management.	2	2	R
7	Mention few Control Measures of Soil Pollution	2	2	R
8	State Air Pollution	2	2	U
9	Define OHASMS.	2	2	R
10	Give Some Effects of Noise Pollution	2	2	U
PART B- (2X13= 26 MARKS)				
11	(a) Explain in detail about Water Pollution	13	2	U
	(or) (b) Outline the Techniques used in Hazardous Waste Management	13	2	U
12	(a) Summarize Energy Conservation & Energy Management	13	3	U
	(or) (b) Illustrate 15 ways of Conservation of Energy	13	3	U




PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 215.

ENVIRONMENTAL SCIENCES AND SUSTAINABILITY

SET 1

INTERNAL TEST - I

Answer Key

Part-A

- Environmental Science
 - ❖ It is the study of the environment, it's biotic and biotic components and their interrelationship.
- Ecological Succession
 - ❖ The progressive replacement of one community by another till the development of stable community in a particular area
- Types of Ecosystem
 - ❖ Forest Ecosystem
 - Producers - Trees/ Plants
 - Primary Consumers - Deer
 - Secondary Consumers - Fox
 - Tertiary Consumers - Tiger
 - Decomposers – Bacteria / Fungi
 - ❖ Grassland Ecosystem
 - Producers- Grasses
 - Primary Consumers - Goat
 - Secondary Consumers - Snake
 - Tertiary Consumers - Eagle
 - Decomposers – Bacteria / Fungi
 - ❖ Pond Ecosystem
 - Producers- Phytoplankton
 - Primary Consumers - Zooplankton
 - Secondary Consumers – Small Fishes
 - Tertiary Consumers – Large Fishes
 - Decomposers – Bacteria / Fungi
- Hot-spots of Biodiversity in India
 - ❖ Eastern Himalayas
 - ❖ Western Ghats
- Values of Biodiversity
 - ❖ Consumptive Value
 - ❖ Productive Value
 - ❖ Social Value
 - ❖ Ethical Value
 - ❖ Aesthetic Value
 - ❖ Optional Value
- Air Pollution
 - ❖ The presence of one or more contaminants like dust, smoke, mist and odour in the atmosphere which are injurious to human beings, plants and animals.
- Techniques used in e-waste management
 - ❖ Inventory management
 - ❖ Production process modification
 - ❖ Sustainable product design
 - ❖ Use of renewable raw materials
- Control measures of Soil Pollution
 - ❖ Control of soil erosion
 - ❖ Proper dumping of unwanted materials
 - ❖ Production of natural fertilizers
 - ❖ Proper hygienic condition
- Effects of Noise pollution
 - Contraction of blood vessels
 - High blood pressure
 - Heart attack
 - Tension
- OHSASMS
 - ❖ An Occupational Health And Safety Management System
 - ❖ It is a fundamental part of an organization's risk management strategy



P. Mary Samina

PRINCIPAL

U.S.I. COLLEGE OF ENGINEERING
KETTUVAYAL - 643 816.





CSI COLLEGE OF ENGINEERING KETTI

The Nilgiris - 643 215

Approved by AICTE New Delhi - Affiliated to Anna University Chennai



INTERNAL TEST I / II

(To be filled by the candidate)

College Code	7	1	0	6	Name of the Student	RAMYA L											
					Register Number	7	1	0	6	2	2	1	0	4	0	6	6
College Name	CSI COLLEGE OF ENGINEERING																
Degree/Branch	B.E / CSE 'B'										Semester	04					
Subject Code	GE 3451										Date & Session	29/04/24 - FN					
Subject Title	ENVIRONMENTAL SCIENCES & SUSTAINABILITY										No of Pages used	15					

All particulars given are verified								Signature of the Hall Superintendent with date							
Name of the Hall Superintendent				Dr. A. Ponmudi				Dr. A. Ponmudi				29/4/24			

DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK

Instruction to the Candidate: Put a tick mark (✓) for the questions attended in the tick mark column against each question

PART A			PART B & C										Grand Total (in words)	
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii	Total	Grand Total			
				✓	Mark	✓	Mark	✓	Mark	Marks				
1	✓	2	11	a							13	SIX ZERO		
2	✓	2		b	✓	13								
3	✓	2	12	a							13		Grand Total	
4	✓	2		b	✓	13								
5	✓	2	13	a										Grand Total
6	✓	2		b										
7	✓	2	14	a								Grand Total		
8	✓	2		b										
9	✓	2	15	a									Grand Total	
10	✓	2		b	✓	14								
Total Marks		20	16	a										60
			b											

Date	30/4/24	Name of the Faculty	Dr. O. Raina	Signature of the Faculty	
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CSI COLLEGE OF ENGINEERING KETTI

The Nilgiris - 643 215

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INTERNAL TEST I / II

(To be filled by the candidate)

College Code	7	1	0	6	Name of the Student	Rex Tony . S											
					Register Number	7	1	0	6	2	2	1	0	4	0	6	9
College Name	CSI COLLEGE OF ENGINEERING KETTI																
Degree/Branch	B.F. Computer Science and Engineering												Semester	04			
Subject Code	GE3451												Date & Session	29-04-24 AM			
Subject Title	Environmental Science Sustainability												No of Pages used	05			

All particulars given are verified					Signature of the Hall Superintendent with date												
Name of the Hall Superintendent					Dr. A. Ponnambal					Dharmaraj 29/4/24							

DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK

Instruction to the Candidate: Put a tick mark (✓) for the questions attended in the tick mark column against each question

PART A			PART B & C										Grand Total (in words)
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii	Total Marks			
				✓	Mark	✓	Mark	✓	Mark				
1	✓	2	11	a							8	THREE ZERO.	
2				b	✓	8							
3			12	a							13		
4				b	✓	13							
5			13	a									
6				b									
7	✓	2	14	a									
8	✓	2		b									
9	✓	2	15										
10	✓	1											
Total Marks		9	16										30
			Total Marks										

30/4/24		Dr. D. RAJAN					[Signature]				
Date		Name of the Faculty					Signature of the Faculty				



CSI COLLEGE OF ENGINEERING KETTI

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INTERNAL TEST I / II

(To be filled by the candidate)

College Code	7	1	0	6	Name of the Student	Sanjay.D											
					Register Number	7	1	0	6	2	2	1	0	4	0	7	2
College Name	CSI COLLEGE OF ENGINEERING																
Degree/Branch	BE - CSE										Semester	IV sem					
Subject Code	CE 3451										Date & Session	29/4/24 AF					
Subject Title	Environmental Sciences & Sustainability										No of Pages used	4					

All particulars given are verified								Signature of the Hall Superintendent with date							
Name of the Hall Superintendent				Dr. A. Ponnand				D. Ponnand				29/4/24			

DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK

Instruction to the Candidate: Put a tick mark (✓) for the questions attended in the tick mark column against each question

PART A			PART B & C										Grand Total (in words)
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii	Total Marks			
				✓	Mark	✓	Mark	✓	Mark				
1			11	a						6	ONE TWO		
2				b	✓	6							
3			12	a									
4				b									
5			13	a									
6	✓			b									
7	✓	2	14	a							Grand Total		
8	✓	2		b									
9			15	a									
10	✓	2		b									
Total Marks	6		16	a							12		
				b									
Total Marks										6			

30/4/24			Dr. O. RAINA			[Signature]		
Date	Name of the Faculty			Signature of the Faculty				

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY ASSIGNMENT - 1

10/10
Good
25/3/24



R. Meey Shanthi
PRINCIPAL
C.S.I. COLLEGE OF ENGINEERING
KETTI-643 818.
A. Shree Devi
CSE - 'B'
II year

ESS

9/10 Late submission
28/3/24

ASSIGNMENT : 01

NAME : NAVEEN KUMAR . S

DEPT : CSE 'B'



R. M. Shantra
PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 216.

ESS ASSIGNMENT-1

5/10
Late submission
PAPA

Parvin Bala R.

CSE - 'B'

IInd Year.



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



CSI College of Engineering Ketti The Nilgiris - 643215



Internal Test – II			
Regulation: 2021			
Date	03/06/2024	Department	CHEMISTRY
Semester	IV	Class/Section	II MECH, ECE, EEE, C/VL, CSE & IT
Duration	1 1/2 hrs	Maximum marks	60
Course Code & Title: GE3451 & ENVIRONMENTAL SCIENCES & SUSTAINABILITY			

ANSWER ALL QUESTIONS				
PART A- (10X2= 20 MARKS)				
Q. No	Questions	Marks	CO	BL
1	Define Sustainability.	2	4	R
2	List out the types of GDP.	2	4	R
3	Give any two effects of Climate Change.	2	4	R
4	What is environmental Management?	2	4	U
5	Compare Carbon credit and Carbon footprint	2	4	R
6	Recall the key elements of ISO14000.	2	5	R
7	Mention the rules to develop a sustainable urbanization.	2	5	R
8	State sustainable habitat	2	5	U
9	Define carbon sequestration.	2	5	R
10	Give the equation to calculate Energy Efficiency.	2	5	U
PART B- (2X13= 26 MARKS)				
11	(a) Explain the applications of Hydrogen Energy, Ocean energy and Tidal Energy	13	3	U
	(or) (b) Outline the GTE Powerplant	13	3	U
12	(a) Summarize the Goals, Targets and Indicators of Sustainable development	13	4	U
	(or) (b) Illustrate Carbon Credit and Carbon Footprint	13	4	U



R. Mercy Shanthi
PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 215.

Set I

Reg. No

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**CSI College of Engineering Ketti
The Nilgiris - 643215**



PART C - (1X14 = 14 MARKS)				
15	(a) Enumerate LCA and EIA	14	5	R
	(or)			
	(b) Elaborate Sustainable Transport and Sustainable Energy	14	5	R

S.No	Cognitive Level addressed	Marks	Percentage
1	Remember (R)	28	47%
2	Understand(U)	32	53%
	Total	60	100

Course Instructor

Prof. J. Dominic Xavier
Prof. R. Arthi
Dr. O.Raina

Course Expert

[Signature]
Prof. R. Arthi

IQAC Coordinator

[Signature]
Dr. S. Rajesh/Kana

HOD

[Signature]
Prof. J. Dominic Xavier

[Signature]
[Signature]

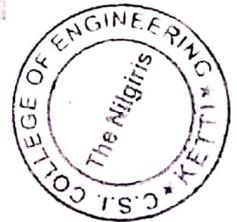


R. Mayamma
PRINCIPAL
**CSI COLLEGE OF ENGINEERING
KETTI-643 215,**

ENVIRONMENTAL SCIENCES AND SUSTAINABILITY
INTERNAL TEST - II

Answer Key
Part-A

- > Sustainability
 - ❖ It is defined as meeting our own needs without compromising the ability of future generations to meet their own needs.
- > Types of GDP
 - ❖ Normal GDP
 - ❖ Real GDP
 - ❖ Actual GDP
- > Effects of Climate change
 - ❖ Disturbs Agriculture
 - ❖ Drought
 - ❖ Flood
- > Environmental Management
 - ❖ It is a set of practices and processes that enable any organization, whether private or public, to reduce its environmental impacts and increasing its operating efficiency.
- > Carbon Credit and Carbon Footprint
 - ❖ A carbon credit is a tradable permit or certificate that represents the right to emit a set amount of CO₂ or one ton of CO₂ or equivalent amount of green house gas.
 - ❖ Carbon footprint is the total amount of green house gases emitted by our direct and indirect activities.
- > Key Elements of ISO14000
 - ❖ Environmental Policy
 - ❖ Planning
 - ❖ Implementation and Operation
 - ❖ Checking and Corrective action
 - ❖ Management review
 - ❖ Continuous improvement
- > Rules to develop a sustainable urbanization
 - ❖ Sustainable transportation
 - ❖ Sustainable urbanization development
 - ❖ Climate change mitigation
- > Sustainable Habitat
 - ❖ It is an ecosystem that produces food and shelter for people and other organisms without resource depletion
- > Carbon Sequestration
 - ❖ It is the process of capturing and storing atmospheric carbon dioxide
- > Calculation of Energy Efficiency
 - ❖ Energy Efficiency = (energy output / energy input) x 100%
 - ❖ Energy efficiency = $(W_{out} / W_{in}) \times 100\%$



PART - B.

10a) Applications of H₂ Energy

- * H₂ is a reagent, used in many industries, including chemicals, textile fibre manufacturing, glass, electronics & metallurgy.
 - * It is used as a fuel for rockets, launchers.
 - * In electronics, H₂ is used as a carrier gas, for the manufacture of electronic components.
 - * H₂ is used in industries.
- Eg ⇒ (i) H₂ + N₂ → Ammonia (base for fertilizers) like nylon etc.
- (ii) Good reagent for textile fibres
- * H₂ is used in metallurgy for steel treatment process to produce mechanical parts to alter their properties.
 - * H₂ is used in fuel refining - a process of desulphurization.
 - * H₂ is used in Atomic Hydrogen cooling [AHW] which is a type of arc welding.
 - * A mixture of H₂ & N₂ is used to prevent oxidation in steel production.
- R. May*

PRINCIPAL
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KETTI-643 816.



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INTERNAL TEST I / II

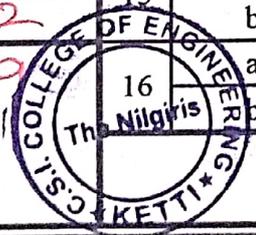
(To be filled by the candidate)

College Code	7	1	0	6	Name of the Student	Ramya.R											
					Register Number	7	1	0	6	2	2	1	0	4	0	6	7
College Name	CST College of Engineering																
Degree/Branch	B.E / CSE										Semester	IV					
Subject Code	GE3451										Date & Session	03/06/24 / FN					
Subject Title	Environmental science & sustainability										No of Pages used	16					
All particulars given are verified									Signature of the Hall Superintendent with date								
Name of the Hall Superintendent			Dr. A. ponmou						Aponmou 3-6-24								

DO NOT WRITE THE REGISTER NUMBER, COLLEGE CODE OR NAME ANYWHERE ELSE IN THE ANSWER BOOK

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PART A			PART B & C										Grand Total (in words)
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii	Total Marks			
				✓	Mark	✓	Mark	✓	Mark				
1	✓	2	11	a	✓	13				13	FIVE NINE.		
2	✓	2		b									
3	✓	2	12	a	✓	13				13			
4	✓	2		b									
5	✓	1	13	a									
6	✓	2		b									
7	✓	2	14	a									
8	✓	2		b									
9	✓	2	15	a	✓	14				14		Grand Total	
10	✓	2		b									
Total Marks		10	16	a							59		
				b							40		



PRINCIPAL
CSI COLLEGE OF ENGINEERING
KETTI - 643 215

Ramya.R

Date	4/6/24	Name of the Faculty	Dr. D. RAJNA	Signature of the Faculty	<i>Rij</i>
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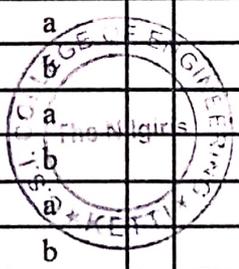
College Code	7106	Name of the Student	SHYAM HENDERSON A.L												
		Register Number	7	1	0	6	2	2	1	0	4	0	8	0	
College Name	C.S.I COLLEGE OF ENGINEERING (KETTI)														
Degree/Branch	B.E.C.S.E								Semester	IV					
Subject Code	GE-3451								Date & Session	3/06/2024 (A.M)					
Subject Title	ENVIRONMENTAL SCIENCES AND SUSTAINABILITY								No of Pages used	04					

All particulars given are verified							Signature of the Hall Superintendent with date						
Name of the Hall Superintendent							R-Geetha						
							 3/6/2024						

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PART A			PART B & C										Grand Total (in words)
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii	Total Marks	Grand Total		
				✓	Mark	✓	Mark	✓	Mark				
1	✓	2	11	a							7	THREE ZERO	
2	✓	2		b	✓	7							
3	✓	1	12	a	✓	8					8		
4				b									
5			13	a									
6	✓	2		b									
7	✓	2	14	a									
8	✓	2		b									
9	✓	2	15	a									
10	✓	2		b									
Total Marks		15	16	a								30	
				b									
			Total Marks							15			



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

shyamhenderson.al

Date	4/6/24	Name of the Faculty	DR. O. RAJNA	Signature of the Faculty	
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INTERNAL TEST I / II

(To be filled by the candidate)

College Code	7106	Name of the Student	Prathap Nithish
		Register Number	710622104055
College Name	CSI college of engineering ketti		
Degree/Branch	BE/computer science and engineering	Semester	IV
Subject Code	9E3451	Date & Session	3/6/24 - A
Subject Title	E.SS	No of Pages used	

All particulars given are verified		Signature of the Hall Superintendent with date	
Name of the Hall Superintendent	Dr. A. Ponmouli	 3-6-24	

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PART A			PART B & C								Grand Total (in words)	
Question No	✓	Mark	Question No	i	i	ii	ii	iii	iii	Total Marks		
				✓	Mark	✓	Mark	✓	Mark			
1			11	a		3				3	NINE	
2		2		b								
3		2	12	a								
4				b							Grand Total	
5			13	a								
6				b								
7			14								Grand Total	
8												
9			15									
10		2									9	
			16	a								
				b								
Total Marks		6	Total Marks							3		H.M.L.



R. Meey Shanmugan
 PRINCIPAL
 CSI COLLEGE OF ENGINEERING
 KETTI - 643 215

4/6/24	DR. O. RAJNA	
Date	Name of the Faculty	Signature of the Faculty