

UP TO
₹. 20,000/-

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060

AD - 12 - PP
REV.1
01.01.2021

PROGRAMME APPROVAL FORM

Proposal Tracking No. KEC / EIR / 2021 - 2022 / 04 / 0006

Dept. Ref. No.: EI / 2021 - 2022 / 004

Date: 20/4/21

1.	Department:	EIE		
2.	a). Name of the Programme	Value Added Course on, "Electronic Circuit Designing for Engineering Applications"		
	b). Norms under which it is proposed	KEC Norms.		
3.	Dates:	From: 28/4/21	TO: 21/5/21	No. of Days: 15
4.	Programme for:	Faculty	Students	Others (Specify)
5.	Level:	State / National / International	Association	Institution / Dept. / Cell / General
6.	Highlights of the Programme:	No impart knowledge on design of Electronic Circuits related to Engineering Applications		

1. Proposed Invitees:

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1				
2				

2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure: Nil

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1					
2					
3					
4					
5					
6					
Total		nil			

4. Source

	Proposed	Actual
Budget Allotment	Sponsors -	
Balance Amt. Available	KEC -	
Expenses Proposed	Registration -	
Balance		

H. Sairil (Dr. S. SIREKA)
Faculty i/c (with Name)

H.O.D

CCO

PRINCIPAL

KONGU ENGINEERING COLLEGE, PERUNDURAI-638060
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

CIRCULAR

22.04.2021

It is proposed to conduct a value added course on "Electronic Circuit Designing for Engineering Applications" in the Department of Electronics and Instrumentation Engineering for the benefit of the students to enhance their knowledge in applying Electronic Circuits for engineering applications.

The Course schedule & other details are as follows:

Duration	: 30 hours
Max No. of Participants	: 30
Course Fee	: Nil
Total Hours	: 30 Hours
Course Commencement Date	: 28.04.2021
Course Co-ordinators	: 1. Dr.M.Sasireka / Assistant Professor (SI.G) 2. Dr.P.Vidhyalakshmi/ Assistant Professor (SI.G)

COURSE SCHEDULE

S.No	Day	Topic
1.	Day 1	Identification of Electronic components and their values
2.	Day 2	Power supply design
3.	Day 3	Batteries, battery charging systems, and management
4.	Day 4	Low noise amplifiers
5.	Day 5	ON/OFF switch
6.	Day 6	Sensors and Interfacing circuits
7.	Day 7	Introduction to PCB design
8.	Day 8	PCB Designing and Simulation
9.	Day 9	PCB Designing and Simulation
10.	Day 10	Test and measurement
11.	Day 11	Electronics in Electric Vehicle
12.	Day 12	Role of sensors in Electric Vehicle
13.	Day 13	Types of EVs and its challenges
14.	Day 14	EV battery charging technologies
15.	Day 15	Li-Ion battery cells

1. M. Sasireka
22/4/21

2. P. Vidhyalakshmi
22/4/21

COURSE CO-ORDINATORS

Dr M. Sasireka

Dr P. Vidhyalakshmi

HOD(EIE)
28/4/21

KONGU ENGINEERING COLLEGE, PERUNDURAI - 630 009
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
Value added course on "Electronic Circuit Designing for Engineering Applications"

Attendance Sheet

S.No	Roll No.	Name	29.04.2021	30.04.2021	03.05.2021	04.05.2021	05.05.2021	06.05.2021	07.05.2021	08.05.2021	10.05.2021	11.05.2021	12.05.2021	13.05.2021	14.05.2021	17.05.2021	18.05.2021
1.	19EIL099	MADHAVAN R	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
2.	19EIL100	MOHAMED MUHSIN S	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
3.	19EIR001	AHAMED WAFIQ M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
4.	19EIR003	ARAVINTH S	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
5.	19EIR004	ARUNA G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	19EIR007	BALASUBRAMANI J	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
7.	19EIR010	DEEPIKA A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	19EIR012	DHARANIDHARAN D	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
9.	19EIR014	DHARUN KUMAR G	/	a	/	/	/	/	/	/	a	/	/	/	/	/	/
10.	19EIR015	DHAYAASHREE P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	19EIR016	DHAYANIDHI R G	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
12.	19EIR017	DHIVYA SHREE A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	19EIR018	ELAKHIYA K B	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
14.	19EIR019	ELAMATHI S	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
15.	19EIR020	ELANGO P	/	a	/	/	/	/	/	/	/	/	a	/	/	/	/
16.	19EIR021	GEERTHIGA T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	19EIR022	GEETHANJALI D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

20.	19EIR029	HEMA V S	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
21.	19EIR031	JAGAN B	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
22.	19EIR032	KABILAN K	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
23.	19EIR036	KAVIN KUMAR N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	19EIR037	KAVINKUMAR M	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
25.	19EIR038	KEERTHANA P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	19EIR039	KEERTHIKA P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	19EIR041	KOUSIKA B	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
28.	19EIR042	LAKSHMIPRABHA G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	19EIR043	LOAHIT S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	19EIR044	LOGESH S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	19EIR047	MEGHA A	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
32.	19EIR052	MUTHUKUMARASAMY M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	19EIR062	PRIYA DHARSHINI R	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/
34.	19EIR079	SHALINI V	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
35.	19EIR081	SHARU PREETHA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36.	19EIR096	YOGA ABITHA A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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M. S. S. S. S.
Course Coordinator 23/05/21
(M. S. S. S. S.)
(P. V. P. H. Y. A. L. A. K. S. S. S.)

HoD (EIE)