

INDEX

Criterion2.3.1

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Experiential Learning:

Experiential learning in ECE is pivotal as it immerses students in hands-on experiences. Laboratories, simulations, and internships expose students to real-world scenarios, bridging the gap between theory and application. By working with circuits, devices, and systems, students gain practical skills, troubleshooting abilities, and a profound comprehension of electronic principles.

Participative Learning :

Participative learning engages students actively, encouraging collaboration and interaction. In ECE, this method involves group discussions, projects, and debates. Through such engagements, students develop a deeper understanding by exchanging ideas, sharing diverse perspectives, and collectively tackling complex concepts. This approach not only enhances subject comprehension but also nurtures teamwork and communication vital in the professional world of ECE.

Problem Solving Methodologies:

Problem-solving skills are honed through these methodologies. ECE demands innovative solutions to intricate technological issues. Encouraging students to tackle problems cultivates adaptability, critical thinking, and creativity. Whether designing circuits or optimizing communication systems, students learn to analyze, strategize, and implement effective solutions, preparing them for the challenges they'll face as future engineers.

EXPERIENTIAL LEARNING

Sl. No.	2.3.1 Number of Events conducted by the department during 2022-2023	
	Year	Name of Event
1.	2022-2023	Internship Training
2.	2022-2023	Inplant Training
3.	2022-2023	Industrial Visit
4.	2022-2023	Add on courses
5.	2022-2023	Value Added Courses
6.	2022-2023	Guest Lectures

Experiential Learning:

The following experiential learning practices imparted to enhance creativity and cognitive levels of the students

- Laboratory Sessions: Experiments are conducted along with content beyond syllabus. Laboratory courses include virtual labs and are made compulsory.
- Add-on Courses / Certification Courses (Value Added Courses) in collaboration with MoU signed
- Summer Internship / In-plant Training / Industrial Visits: Students get hands-on training.
- Project development by students where they showcase their working model in the technical fest. Participation in national level events such as Hackathons.
- Guest Lectures by experts, NPTEL, COURSERA, MOOC and other spoken tutorials are arranged for students to enhance their knowledge.





INTERNSHIP:**CARE** 
COLLEGE OF ENGINEERING**DEPARTMENT OF ECE****Internship Details for Academic Year 2022-2023 (ODD)**

S. No.	Reg. No.	Student Name	Company Name	Duration
1	810720106001	Afroze Jamila M	Samcore Solution	5 days
2	810720106002	Anandhachandru D	Swathi Technologies	1 month
3	810720106003	Balamurugan K	Marcello Tech, Trichy	15 days
4	810720106004	Gadireddy Sameera	Samcore Solution	5 days
5	810720106005	Gokul R	Marcello Tech, Trichy	15 days
6	810720106006	Jancy Rani R	Marcello Tech, Trichy	15 days
7	810720106007	Kanchu Lokesh	Pantech Solutions	1 month
8	810720106008	Krishnamoorthi S	Pantech Solutions	1 month
9	810720106010	Vigneshwaran G	Marcello Tech, Trichy	15 days
10	810720106301	Dinesh Kumar M	Marcello Tech, Trichy	15 days
11	810720106302	Nithish D	Marcello Tech, Trichy	15 days
12	810721106001	Arasu C	Marcello Tech, Trichy	15 days
13	810721106002	Arockiya Jayaraj S	Marcello Tech, Trichy	15 days
14	810721106003	Charukesi S	Marcello Tech, Trichy	15 days
15	810721106004	Dharunika M	Marcello Tech, Trichy	15 days
16	810721106005	Divyadharshini G	Marcello Tech, Trichy	15 days
17	810721106006	Eswaramoorthi M	Marcello Tech, Trichy	15 days
18	810721106007	Hanish K A	Marcello Tech, Trichy	15 days
19	810721106008	Helen Pricilla X	Marcello Tech, Trichy	15 days
20	810721106009	Kayal Vizhi R	Marcello Tech, Trichy	15 days
21	810721106010	Kowsika S	Marcello Tech, Trichy	15 days
22	810721106011	Meganath V	Marcello Tech, Trichy	15 days
23	810721106012	Nova Arockia Raj V	Marcello Tech, Trichy	15 days
24	810721106013	Reegan Rusoul L	Marcello Tech, Trichy	15 days

25	810721106014	Riyaz Khan S	Marcello Tech, Trichy	15 days
26	810721106015	Sakthivel N	Mindluster	5 days
27	810721106016	Samruth Sriram D	CodeBind Technologies, Chennai	10 days
28	810721106017	Santhosh K	Marcello Tech, Trichy	15 days
29	810721106018	Sivaganapathy R	Marcello Tech, Trichy	15 days
30	810721106019	Subhiksha S	Marcello Tech, Trichy	15 days
31	810721106020	Sudharsan R	Marcello Tech, Trichy	15 days
32	810721106021	Sujitha R	Marcello Tech, Trichy	15 days
33	810721106022	Sriyaprabu P	Jai Nidhi Automation	10 days
34	810721106024	Tharunika M E	Marcello Tech, Trichy	15 days
35	810721106025	Umamageshwari K	Marcello Tech, Trichy	15 days

Internship details for academic year 2022-2023 (EVEN)

S. No.	Reg. No.	Student Name	Company Name	Duration
1	810719106001	Adithya P	NSIC - Technical Service Centre, Chennai	7 days
2	810719106002	Ajay Kumar K	NSIC - Technical Service Centre, Chennai	7 days
3	810719106003	Citybabu M	Pantech Solutions	7 days
4	810719106004	Dhinakaran S	Pantech Solutions	7 days
5	810719106005	Gunasekaran S	Pantech Solutions	7 days
6	810719106006	Nishanth K	NSIC - Technical Service Centre, Chennai	7 days
7	810719106008	Raja Rajeswari S	NSIC - Technical Service Centre, Chennai	7 days
8	810719106009	Vijei R	NSIC - Technical Service Centre, Chennai	7 days
9	810720106001	Afroze Jamila M	Marcello Tech, Trichy	4 days
10	810720106002	Anandhachandru D	Swathi Technologies	1 month
11	810720106003	Balamurugan K	Marcello Tech, Trichy	4 days
12	810720106004	Gadireddy Sameera	Marcello Tech, Trichy	4 days
13	810720106005	Gokul R	Marcello Tech, Trichy	4 days


HEAD
 Dept. of Electronics and Communication Engg.
 CARE College of Engineering
 Trichy-620 009

INPLANT TRAINING:

No. : 31535



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NSIC - TECHNICAL SERVICES CENTRE

Sector B-24, Guindy Industrial Estate, Ekkaduthangal, Chennai - 600 032.

CERTIFICATE

This is to certify that Mr. **SUDHARSAN R.** S/o Shri. **RADHA KRISHNAN C.** student of Ist year B.E.(ECE), Care College of Engineering, has undergone "**Internship Training on INDUSTRIAL BASED EMBEDDED SYSTEMS WITH AI & IOT**" conducted at our centre for a period of one week from 08.08.2022 to 16.08.2022.

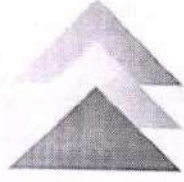


S. Jeyaram
HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

S. Jeyaram
HEAD OF TRAINING

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HEAD OF CENTRE

No. : 31534



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CERTIFICATE

This is to certify that Mr. **SAMRUTH SRIRAM D.**
S/o Shri. **DURAI ARASU P.** student of Ist year
B.E.(ECE), Care College of Engineering, has
undergone "**Internship Training on INDUSTRIAL
BASED EMBEDDED SYSTEMS WITH AI & IOT**"
conducted at our centre for a period of one week
from 08.08.2022 to 16.08.2022.



J. Jagan

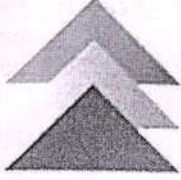
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Trichy-620 009

S. S. Srinivasan
HEAD OF TRAINING

N. V. Srinivasan
HEAD OF CENTRE

No. : 29435



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NSIC - TECHNICAL SERVICES CENTRE

Sector B-24, Gulindy Industrial Estate, Ekkaduthangal, Chennai - 600 032.

CERTIFICATE

This is to certify that Mr. R. VIJEI S/o.
Shri. RAYNUKAAZHAKARASAMY student of IV
year B.E. (ECE), Care College of Engineering, has
undergone "Internship Training on **INDUSTRIAL
BASED EMBEDDED WITH AI & IOT**" conducted at
our centre for a period of one week from 18.07.2022
to 25.07.2022.



J. Jeyan
HEAD
Dept. of Electronics and Communication Engg.
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S. S. S.
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Department of ECE

REPORT ON INPLANT TRAINING

The Inplant training was conducted for IInd year ECE students of **CARE College of Engineering, Thayanurat All India Radio**, Trichy. It was a Five-day Program scheduled between 06.02.2023 to 10.02.2023.

The Lecture began stating the Introduction of AIR Trichy followed by the History of Evolution of AIR. A brief elaboration on the **Studio Setup** and **Acoustic treatment** was given and separate sheets were provided for students containing **Block diagrams** of the mechanism of all the equipments used and also the **Flow diagrams** of the signal starting from Microphone to the Antenna of the Mast.

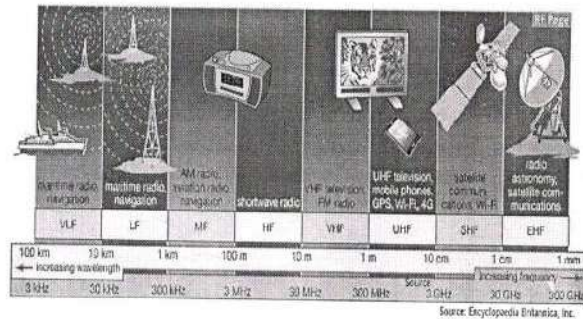
There was a recapitulation on Transmission modes, Wave propagation which was either sky wave propagation for AM and Line of sight propagation for FM and various basic concepts like Frequency ranges, Layers of earth, etc.,

The **Studio visit** formed the most favorite moment in AIR as students were asked to form groups and express their own thoughts on the questions asked and also their own individual talents that would be telecasted in radio after which the **Evolution of audio** in AIR was shown in live.

Radio Frequency Spectrum: Ranges

Designation	Abbreviation	Frequencies	Wavelengths
Very Low Frequency	VLF	3 kHz - 30 kHz	100 km - 10 km
Low Frequency	LF	30 kHz - 300 kHz	10 km - 1 km
Medium Frequency	MF	300 kHz - 3 MHz	1 km - 100 m
High Frequency	HF	3 MHz - 30 MHz	100 m - 10 m
Very High Frequency	VHF	30 MHz - 300 MHz	10 m - 1 m
Ultra High Frequency	UHF	300 MHz - 3 GHz	1 m - 100 mm
Super High Frequency	SHF	3 GHz - 30 GHz	100 mm - 10 mm
Extremely High Frequency	EHF	30 GHz - 300 GHz	10 mm - 1 mm

www.rfpage.com



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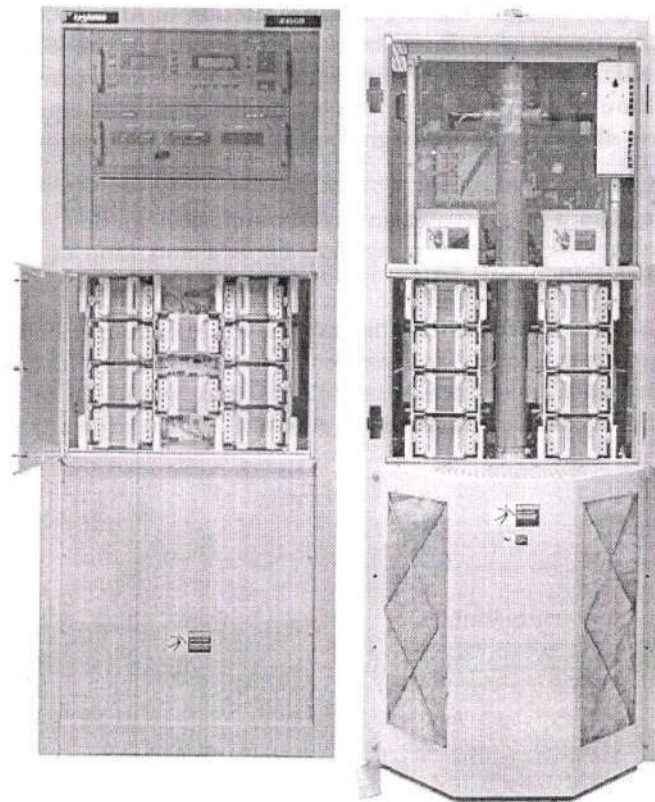
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The difference between **Amplitude Modulation (AM)** and **Frequency Modulation (FM)** was taught and the students were taken to the mast in AIR from where the **Rainbow FM(102.1MHz)** is being delivered to the nearby districts.

The basic working of Power supply, UPS, Earthing STL was taught. A brief introduction on A/C Plant, CES, MLLN was given. A separate block diagram for CES, MLLN were given that described the entire operation of them.

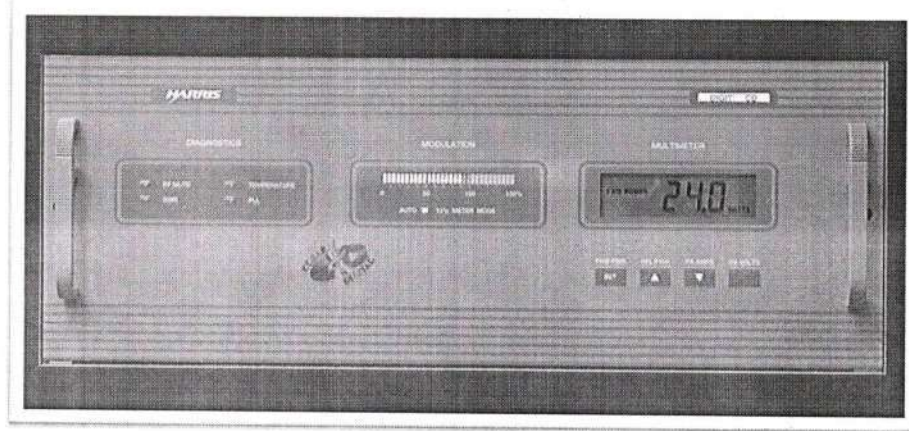
A short note on the working of **HARRIS FM, Transmitters and Exciters** which is being used in AIR contained several components like Power amplifiers, Modulators, etc.

HARRIS Z10CD



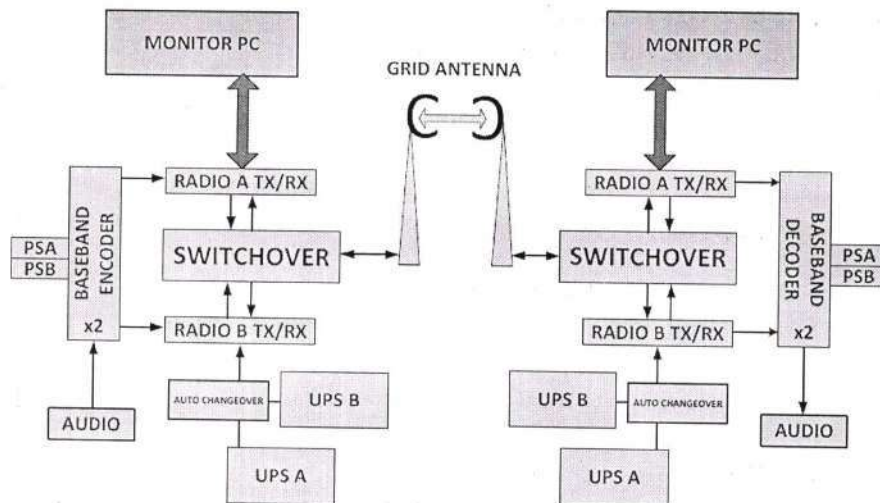
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HARRIS EXCITER



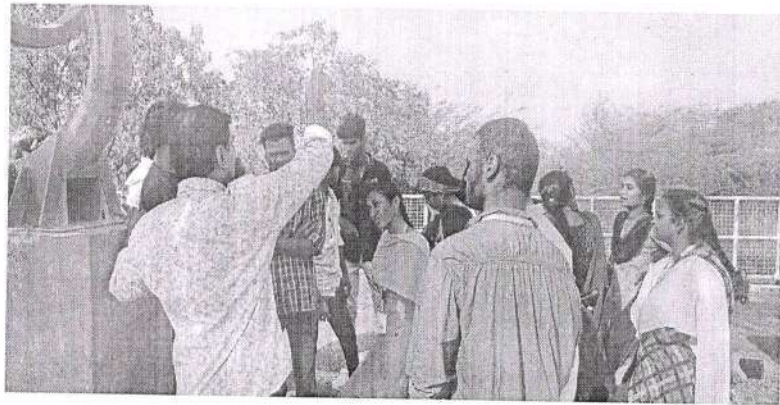
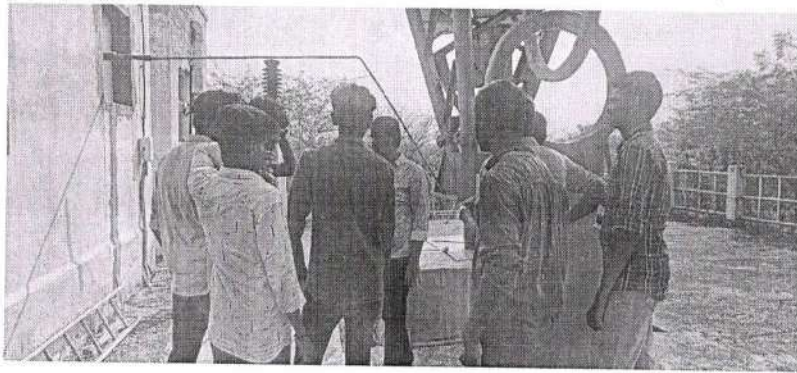
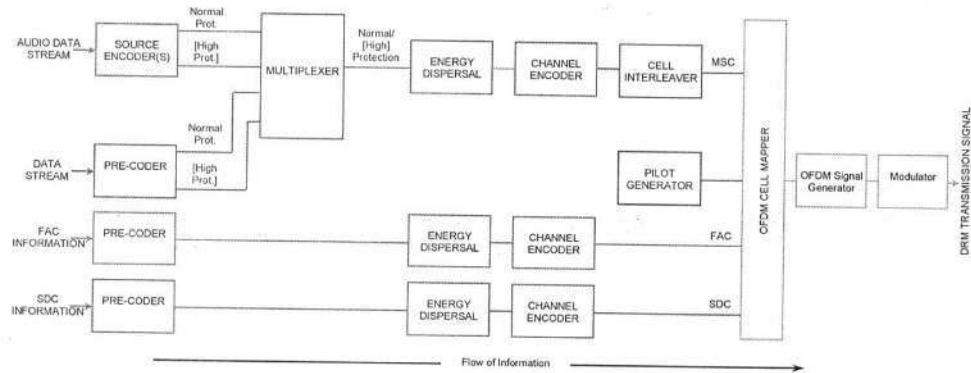
The **Digital Studio Transmitter Link (STL)** which sends the audio signal from the broadcast studio to the Radio transmitter and further to the antenna contained switch over's alike power backups in households in which if one finds to be faulty would be replaced by the other working one. The Transmitting frequency is 1474.5 MHz and the Receiver frequency is 1523.5 MHz.

DIGITAL STL

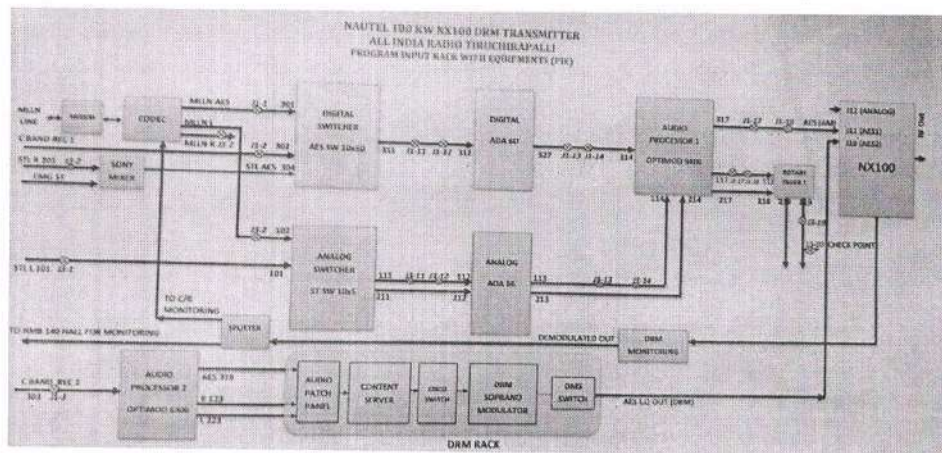


The working of **Diplexer**, **Dehydrator** and **Antennas** was illustrated followed by the **FM transmitter** visit in which the equipments were shown. An Overview was gone through regarding the **DRM Principles**, **Nautel Transmitter**, **Transmission lines**, **ATU** and **Mast**.

Conceptual DRM Transmission Block Diagram



Nautel 100KW DRM Transmitter



The students visited the **100KW transmitter** station in **INAMKULATHUR** where the AM transmission (**936 KHZ**) was done with the **NX100 DRM TRANSMITTER** that had the signal coverage area of almost half the TamilNadu and **Antenna Tuning Unit (ATU)** which obtained RF from the Transmitter via **16 FEEDER LINE** setup was shown and significant changes between AM and FM transmission scenario was well observed.

- D. SAMRUTH SRIRAM
IIND YEAR – ECE

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Trichy-620 009

CARE

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27, Thayanur, Trichy - 620009

Department of Artificial Intelligence and Data Science Internship Details 2022-23(ODD)

S.No.	Year	Register Number	Name	Internship Title	Company	Location	Duration
1	III	810720243002	ABISHEK RAMIEND	DEEP LEARNING USING PYTHON	VEI TECH	CHENNAI	01-08-22 TO 10-08-22
2	III	810720243003	ANTANY BELGIS S	DEEP LEARNING USING PYTHON		CHENNAI	01-08-22 TO 10-08-22
3	III	810720243006	ASTALAKSHMI S	DEEP LEARNING USING PYTHON		CHENNAI	01-08-22 TO 10-08-22
4	III	810720243008	DINESH H.K	DEEP LEARNING USING PYTHION		CHENNAI	01-08-22 TO 10-08-22
5	III	810720243009	JAYALAKSIMI S	DEEP LEARNING USING PYTHON		CHIENNAI	01-08-22 TO 10-08-22
6	III	810720243016	KAVIYARASIR	DEEP LEARNING USING PYTHON		CHENNAI	01-08-22 TO 10-08-22

7	III	810720243017	MADHUSHRI R	DEEP LEARNING USING PYTHON	VEI TECH	CHENNAI	01-08-22 TO 10-08-22
8	III	810720243019	MOSHKA M	DEEP LEARNING USING PYTHION		CHIENNAI	01-08-22 TO 10-08-22
9	III	810720243020	MUKILAN P	DEEP LEARNING USING PYTHION		CHIENNAI	01-08-22 TO 10-08-22
10	III	810720243027	RHAXMA S	DEEP LEARNING USING PYTHON		CHENNAI	01-08-22 TO 10-08-22
11	III	810720243028	SARAVANA PRABU C	DEEP LEARNING USING PYTHON		CHENNAI	01-08-22 TO 10-08-22
12	III	810720243029	SHELLY NIRANJAN S	DEEP LEARNING USING PYTHON		CHENNAI	01-08-22 TO 10-08-22
13	III	810720243030	SOWMIYA S	DEEP LEARNING USING PYTHON		CHENNAI	01-08-22 TO 10-08-22
14	III	810720243032	SURIYA R	DEEP LEARNING USING PYTHON		CHENNAI	01-08-22 TO 10-08-22
15	III	810720243033	VIGNESH M	DEEP LEARNING USING PYTHON		CHIENNAI	01-08-22 TO 10-08-22

33	III	810720243031	SRIRAM G	INDUSTRIAL EMBEDDED AI WITH IOT		CHENNAI	25-07-22 TO 02-08-22
34	III	810720243032	SURIYA R	INDUSTRIAL EMBEDDED AI WITH IOT		CHENNAI	25-07-22 TO 02-08-22
35	III	810720243033	VIGNESH M	INDUSTRIAL EMBEDDED AI WITH IOT		CHENNAI	25-07-22 TO 02-08-22
36	III	810720243034	VIKRAM K	INDUSTRIAL EMBEDDED AI WITH IOT		CHENNAI	25-07-22 TO 02-08-22
37	II	810721243048	Shinora Thomas.T	Web Development	Code Bind Technologies	CHENNAI	08-08-2022 to 12-08-2022
38	II	810721243023	Jayashree.M	Web Development	Code Bind Technologies	CHENNAI	08-08-2022 to 12-08-2023
39	II	810721243047	SHAAFIA PARVEEN K	Machine Learning	DLK Career development	CHENNAI	09-08-2022 to 13-08-2022

40	II	810721243041	Quiny Christabel.R	Web Development	Code Bind Technologies	CHENNAI	08-08-2022 to 12-08-2023
41	II	810721243009	Arul palaniappa.S	Web Development	Code Bind Technologies	CHENNAI	08-08-2022 to 12-08-2024
42	II	810721243030	Mani deepa.M	Python in Machine Learning	Elysium Technologies	Madurai	05-08-2022 to 10-08-2022
43	II	810721243033	Navajeevan.S	Web Development	Code Bind Technologies	CHENNAI	08-08-2022 to 12-08-2023
44	II	810721243014	Chandana shree	Python Internship	Kaashiv	CHENNAI	08-08-2022 to 12-08-2023
45	II	810721243049	Shreenithe.R	Web Development	Code Bind Technologies	CHENNAI	08-08-2022 to 12-08-2022

No.: 29544



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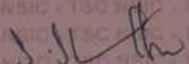
NSIC - TECHNICAL SERVICES CENTRE


Sector B-24, Guindy Industrial Estate, Ekkaduthangal, Chennai - 600 032.

CERTIFICATE

This is to certify that Mr. **V. NIVEDHAPRIYAN**
S/o. Shri. **P. VADIVEL** student of III year
B.Tech (AI&DS), CARE College of Engineering,
has undergone "**Internship Training** on
INDUSTRIAL BASED EMBEDDED WITH AI &
IOT" conducted at our centre for a period of one
week from 25.07.2022 to 01.08.2022.




HEAD OF TRAINING


HEAD OF CENTRE

No.: 29543



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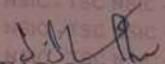
NSIC - TECHNICAL SERVICES CENTRE


Sector B-24, Guindy Industrial Estate, Ekkaduthangal, Chennai - 600 032.

CERTIFICATE

This is to certify that Ms. **MEENATCHI K.** D/o.
Shri. **KATHIRAVAN S.** student of III year B.Tech
(AI & DS), CARE College of Engineering, has
undergone "**Internship Training on INDUSTRIAL
BASED EMBEDDED WITH AI & IOT**" conducted
at our centre for a period of one week from
25.07.2022 to 01.08.2022.




HEAD OF TRAINING



HEAD OF CENTRE

CERTIFICATE

VEI
TECHNOLOGIES
We Design For Future Technologies
CORPORATE 61515598827 ee 1632720280

CERTIFICATE OF INTERNSHIP

This certificate is presented to ANTANY BELGIS · S
of **CARE COLLEGE OF ENGINEERING, TRICHY**. In recognition Of his/
her efforts in completing the Ten days industry internship on "**PYTHON FOR
DEEP LEARNING IN ARTIFICIAL INTELLIGENCE**" from 01.08.2022 to
10.8.2022. We appreciate his/her dedication for completing all the tasks assigned
during the period Of internship.



-Dr. B. EZHILAVAN,
VEI Technologies Pvt.Ltd.

CERTIFICATE

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TECHNOLOGIES
We Design For Future Technologies
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CERTIFICATE OF INTERNSHIP

This certificate is presented to ASTALAKSHMI · S
of **CARE COLLEGE OF ENGINEERING, TRICHY**. In recognition Of his/
her efforts in completing the Ten days industry internship on "**PYTHON FOR
DEEP LEARNING IN ARTIFICIAL INTELLIGENCE**" from 01.08.2022 to
10.8.2022. We appreciate his/her dedication for completing all the tasks assigned
during the period Of internship.


-Dr. B. EZHILAVAN,
VEI Technologies Pvt.Ltd.

INDUSTRIAL VISIT:



Report for Amul Chocolate Factory Industrial Visit
(30.08.2022)

Industrial Visit was arranged in **Amul Chocolate Factory**, Anand City, Gujarat on 30.08.2022 for the II, III & IV ECE Students. Four Students and one Faculty Visited the factory to understand the concepts of Robotics, Automatic Working of Machines in Realtime Systems, RTOS concepts, Networking of Systems. The visit was very useful & interactive and the faculty incharge explained all the concepts and working of each and every unit in the Chocolate factory.

The following students and faculties were visited the chocolate unit.

1. Mrs.R.Deepalakshmi (AP-ECE)
2. Ms.S.Raja Rajeswari (IV ECE)
3. Mr.Kanchu Lokesh (III ECE)
4. Mr.D.Samruth Sriram (II ECE)
5. Mr.L.Reegan Rusoul (II ECE)



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CARE COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to Anna University, Chennai)
27 Thayanur Trichy - 620009

17/9/2022

From

The HOD
Department of ECE
CARE College of Engineering
#27, Dindugal main Road, Thayanur
Tamil Nadu 620009

To

The General Manager,
Tiruchirapalli District Co-operative Milk Producers Union Ltd.,
Pudukottai Road, Kottapattu, Kaja Nagar Post,
Tiruchirapalli - 620 023.

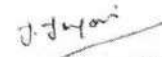
Dear Sir/Madam

Sub: Industrial Visit - Reg

Experiential education is the best form of learning. That is why CARE College of Engineering, Trichy always encourages our students to have real time experience by visiting industries for practical learning. On that note, our students would like to visit your dairy unit to get practical experience in the dairy production and waste water treatment Process carried over in the plant. A total strength of 43 students and 8 faculty members from Department of ECE would like to visit the dairy on Thursday, 22nd of September, 2022 at 11:00 AM. We believe that your company will give our students relevant knowledge during this visit. Kindly grant us permission to visit your dairy unit. We look forward to a positive reply from your side.

Thanking You

Yours truly


17/9/22

Dr. J. JEYARANI
HEAD
DEPARTMENT OF ECE
CARE COLLEGE OF ENGINEERING

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27, Thayanur, Trichy - 620009

Department of Electronics and Communication Engineering

17.9.2022

The Following list of Students for Tiruchirapalli District Co-operative Milk Producers Union Ltd, Trichy Plant visit

S.No	Reg.No	Name
1	810719106001	ADITHYA P
2	810719106002	AJAY KUMAR K
3	810719106003	CITYBABU M
4	810719106004	DHINAKARAN S
5	810719106005	GUNASEKARAN S
6	810719106006	NISHANTH K
7	810719106008	RAJA RAJESWARI S
8	810719106009	VJEI R
9	810720106001	M.AFROSE JAMILA
10	810720106002	D.ANANDHACHANDRU
11	810720106003	K.BALAMURUGAN
12	810720106004	GADIREDDY SAMEERA
13	810720106005	R.GOKUL
14	810720106006	R.JANCY RANI
15	810720106007	KANCHU LOKESH
16	810720106008	S.KRISHNAMOORTHY
17	810720106010	G.VIGNESHWARAN
18	810720106301	M.DINESH KUMAR
19	810720106302	D NITHISH
20	810721106001	ARASU C
21	810721106002	AROCKIYA JAYARAJ S
22	810721106003	CHARUKESI S
23	810721106004	DHARUNIKA M
24	810721106005	DIVYADHARSHINI G

J. Jeyarani
17/9/22
Dr. J. JEYARANI
HEAD
DEPARTMENT OF ECE
CARE COLLEGE OF ENGINEERING

25	810721106006	PSWARAMOORTHIM
26	810721106007	HANISH K A
27	810721106008	HELEN PRICILLA X
28	810721106009	KAYAL VIZHER
29	810721106010	KOWSIKA S
30	810721106011	MEGANATH V
31	810721106012	NOVA AROCKIA RAJ V
32	810721106013	REGAN RUSOULL
33	810721106014	RIYAZ KHAN S
34	810721106015	SAKTHIVEL N
35	810721106016	SAMRUTH SRIRAM D
36	810721106017	SANTHOSH K
37	810721106018	SIVAGANAPATHY R
38	810721106019	SUBHIKSHA S
39	810721106020	SUDHARSAN R
40	810721106021	SUJITHA R
41	810721106022	SURIYAPRABU P
42	810721106024	THARUNIKA M E
43	810721106025	UMAMAGESHWARI K

J. Jeyarani

13/9/22

Dr. J. JEYARANI
 HEAD
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 CARE COLLEGE OF ENGINEERING

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(Approved by AICTE and Affiliated to Anna University, Chennai)
27, Thayanur, Trichy - 620009

Department of Electronics and Communication Engineering

17.9.2022

The Following list of Faculties for "Tiruchirapalli District Co-operative Milk Producers Union Ltd. Trichy" Plant visit

<u>S.No</u>	<u>Name of the Faculty</u>
1	Ms. R.Deepalakshmi, AP/ECE
2	Ms.R.Vanitha, AP/ECE
3	Ms.M.Shiva Shankari, AP/ECE
4	Ms.S.Dhivya, AP/ECE
5	Ms. R.Elavarasi, AP/ECE
6	Ms.J.S.Jenin, AP/ECE
7	Mr.S.Gopinathan, AP/ECE
8	Ms.C.Archana, AP/ECE

J. Jeyarani
17/9/22
Dr. J. JEYARANI
HEAD
DEPARTMENT OF ECE
CARE COLLEGE OF ENGINEERING

திருச்சிராப்பள்ளி மாவட்ட கூட்டுறவு பால் உற்பத்தியாளர்கள் ஒன்றியம் லிட்., திருச்சி
மாணவர்களை அழைத்து வரும் ஒருங்கிணைப்பாளர்கள் கடைபிடிக்கும்
நெறிமுறைகள் மற்றும் நிபந்தனைகள்

1. திருச்சிராப்பள்ளி மாவட்ட கூட்டுறவு பால் உற்பத்தியாளர்கள் ஒன்றியத்தின் செயல்பாடுகளை பாடத்திட்டத்தின் கீழ் அறிந்துகொள்ள வரும் மாணாக்கர்கள் மற்றும் ஒருங்கிணைப்பாளர் ஒன்றியத்தின் நுழைவு வாயிலின் உள்ளே வரும்பொழுதும், பயிற்சி முடிந்து வெளியே செல்லும் பொழுதும், நுழைவு வாயிலில் வைக்கப்பட்டுள்ள வருகை பதிவேட்டில் கையொப்பம் இட வேண்டும்.
2. மாணாக்கர்கள் அனைவரும் தங்களுக்கான கல்லூரியின் அடையாள அட்டையினை அணிந்திருக்க வேண்டும்.
3. பயிற்சி நேரத்தில் பண்ணை செயல்பாடுகளை கைப்பேசி/கேமரா மூலம் படம்/வீடியோக்கள் எடுக்கக்கூடாது.
4. மாணாக்கர்கள் பயிற்சி நேரத்தில் தங்களது அஜாக்கிரதையினால் மாணவர்களது உயிருக்கோ, உடமைக்கோ இழப்பு ஏற்படின் ஒன்றியம் இந்நிகழ்விற்கு பொறுப்பாக இயலாது. இழப்பீடு ஏதும் ஒன்றியத்திலிருந்து வழங்கப்படமாட்டாது. கல்லூரியின் சார்பாக நியமிக்கப்படும் ஒருங்கிணைப்பாளரே தாம் அழைத்து வரும் மாணாக்கருக்கு முழுப்பொறுப்பாவார்.
5. பண்ணையின் செயல்பாடுகளை அறிந்திட ஒரு நேரத்தில் (one batch) 25 மாணவர்கள் மட்டுமே அனுமதிக்கப்படுவார்கள்.
6. கல்லூரியின் வாகனங்கள் ஒன்றிய வளாகத்திற்குள் நுழைய அனுமதியில்லை.

மேற்கண்ட நெறிமுறைகள் மற்றும் நிபந்தனைகளை மனப்பூர்வமாக ஏற்றுக்கொண்டேன்.

ஒருங்கிணைப்பாளர் கையொப்பம்



(கல்லூரி முத்திரையுடன்)(seal)
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CARE COLLEGE OF ENGINEERING
No. 27, Thayanur, Trichy-620 009.

தேதி :
இடம் : திருச்சி - 23.

பெறுதல் :
மாவட்ட வருவாய் அலுவலர்/ பொது மேலாளர்,
திருச்சிராப்பள்ளி மாவட்ட கூட்டுறவு பால் உற்பத்தியாளர்கள் ஒன்றியம் லிட்.,
திருச்சி - 23.

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27, Thayanur, Trichy - 620009

Department of Electronics and Communication Engineering

21.9.2022

The Following list of Students for Tiruchirapalli District Co-operative Milk Producers Union Ltd, Trichy Plant visit

S.No	Reg.No	Name
1	810719106001	ADITHYA P
2	810719106002	AJAY KUMAR K
3	810719106003	CITYBABU M
4	810719106004	DHINAKARAN S
5	810719106005	GUNASEKARAN S
6	810719106006	NISHANTH K
7	810719106008	RAJA RAJESWARI S
8	810719106009	VIJEI R
9	810720106001	M.AFROSE JAMILA
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15	810720106007	KANCHU LOKESH
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24	810721106005	DIVYADHARSHINI G

25	810721106006	ESWARAMOORTHIM
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28	810721106009	KAYAL VIZHI R
29	810721106010	KOWSIKA S
30	810721106011	MEGANATH V
31	810721106012	NOVA AROCKIA RAJ V
32	810721106013	REEGAN RUSOUL L
33	810721106014	RIYAZ KHAN S
34	810721106015	SAKTHIVEL N
35	810721106016	SAMRUTH SRIRAM D
36	810721106017	SANTHOSH K
37	810721106018	SIVAGANAPATHY R
38	810721106019	SUBHIKSHA S
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40	810721106021	SUJITHA R
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S. Manoj
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Department of Electronics and Communication Engineering

21.9.2022

The Following list of Faculties for "Tiruchirapalli District Co-operative Milk Producers Union Ltd. Trichy" Plant visit

<u>S.No</u>	<u>Name of the Faculty</u>
1	Ms. R.Deepalakshmi, AP/ECE
2	Ms.R.Vanitha, AP/ECE
3	Ms.M.Shiva Shankari, AP/ECE
4	Ms.S.Dhivya, AP/ECE
5	Ms. R.Elavarasi, AP/ECE
6	Ms.J.S.Jenin, AP/ECE
7	Mr.S.Gopinathan, TA/ECE
8	Ms.C.Archana, TA/ECE




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No. 27, Thayanur, Trichy-620 009.



S. Jeyaraj

HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

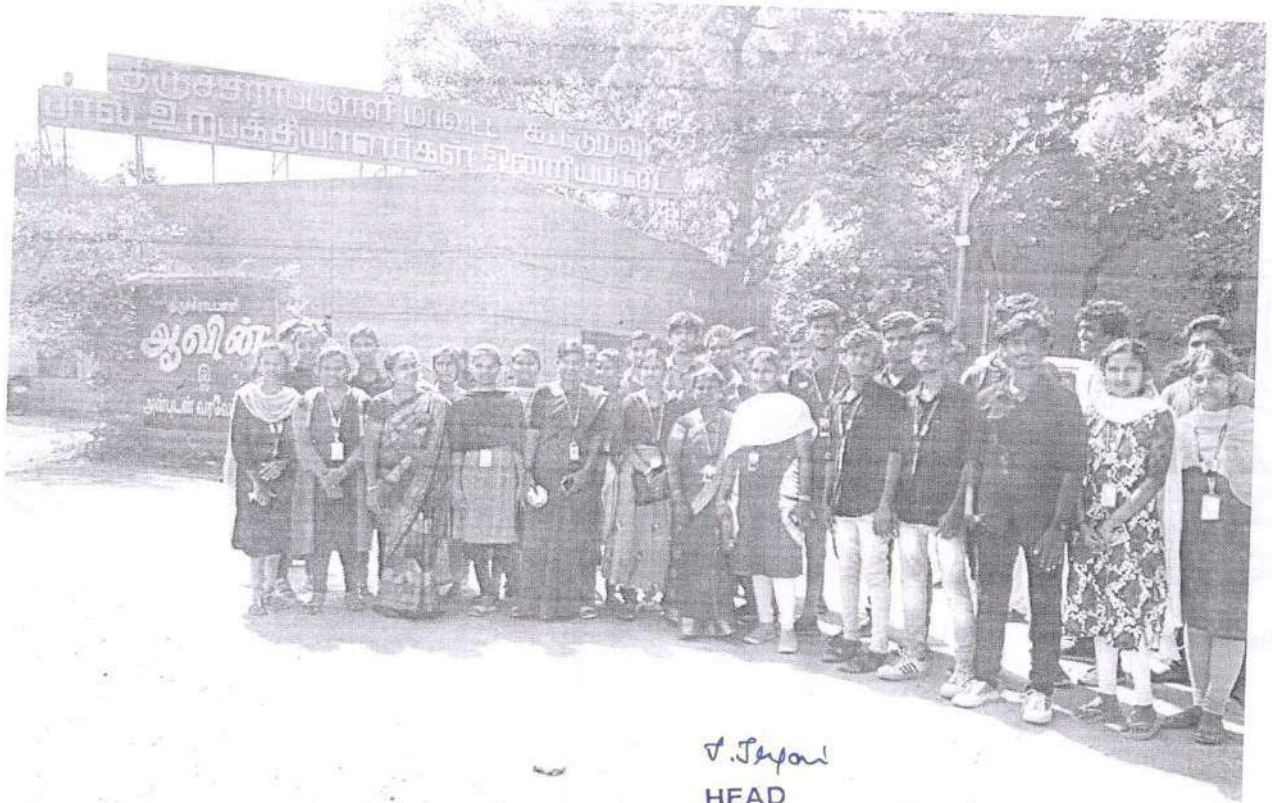


S. Jeyaraj

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J. Jeyan
HEAD
Dept. of Electronics and Communication Engg.
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Trichy-620 009



J. Jeyan
HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

INDUSTRIAL VISIT REPORT-SIEMENS CENTRE -NITT

Date:03.02.2023

Introduction to Siemens

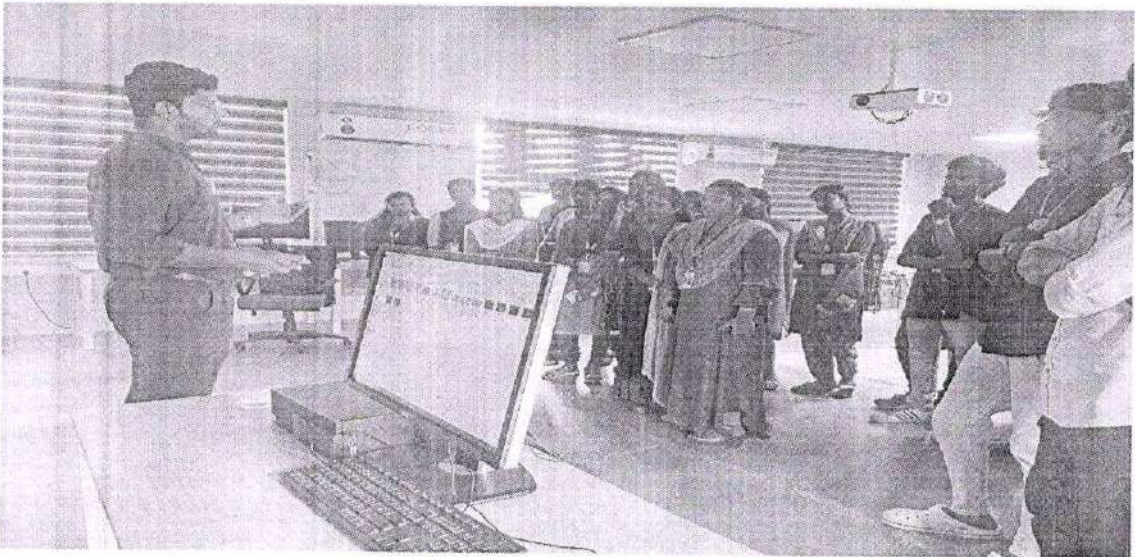
The Siemens CoE in Manufacturing, established in 2018 at National Institute of Technology, Tiruchirappalli, operates with a primary focus of creating a robust technical education eco-system through its experience in industrial products and services. There are 12 sophisticated Laboratories for Design and Validation, Advanced Manufacturing, Automation, Electrical and Energy savings, Test and Optimization, Process Instrumentation, Mechatronics, CNC Machines, CNC Controller, Robotics, Rapid Prototyping and Internet of Things which provides opportunity for promising innovations. This multi-faceted unique center offers skill development courses, Internships, Research and Development assistance and Industrial consultancy services across various sectors.

The robotics lab of EEE department, NIT, Trichy was established in 2014 with the help of the fund from DST and Institute. This lab has the facility of doing fundamental research on mobile robots such as wheeled mobile robots and flying robots. There are few number of EV3 – mobile robot assembly kits which in turn helps to assemble various kind of robots to study its functionality. These kits can be programmed in different ways using windows and Linux operating systems. Co-ordination between robots is also one of recent activity of this laboratory.

Siemens Centre of Excellence in Manufacturing is an interdisciplinary, industry backed centre focused on developing “Skill Excellence” for Academia and Industry. To provide industrial exposure to ECE Faculty, One day industrial visit was planned to Siemens Centre of Excellence in NIT, Trichy on 03.02.2023. A total of 10 faculty from ECE Department was benefitted by this visit towards the industry.

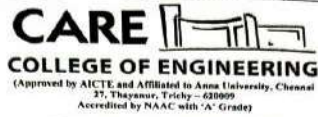


J. Jeyaraj
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Trichy-620 009



J. J. M. V.
HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

ADD-ON-COURSES:



DEPARTMENT OF ECE

Number of courses that include experiential learning through project work/field work/internship during Academic Year 2022-2023

Name of the Course that include experiential learning through project work/field work/internship	Course code	Company name	Name of the student studied course on experiential learning through project work/field work/internship
Embedded and Real Time Systems	EC8791	Samcore Solution	AFROSE JAMILA M
		Swathi Technologies	ANANDHACHANDRU D
Problem Solving and Python Programming	GE8151	Marcello Tech, Trichy	GOKUL R
Problem Solving and Python Programming	GE8151	Pantech Solutions	KANCHU LOKESH
Embedded Systems and IOT Design	ET3491	Marcello Tech, Trichy	ARASU C
			AROCKIYA JAYARAJ S
			CHARUKESI S
			DHARUNIKA M
			DIVYADHARSHINI G
			ESWARAMOORTHY M
			HANISH K A
			HELEN PRICILLA X
			KAYAL VIZHI R
			KOWSIKA S
			MEGANATH V
			NOVA AROCKIA RAJ V
			REEGAN RUSOUL L
RIYAZ KHAN S			
SANTHOSH K			



DEPARTMENT OF ECE

Number of courses that include experiential learning through project work/field work/internship during Academic Year 2022-2023

			SIVAGANAPATHY R
			SUBHIKSHA S
			SUDHARSAN R
			SUJITHA R
			THARUNIKA M E
			UMAMAGESHWARI K
			SAKTHIVEL N
Embedded Systems and IOT Design	ET3491	Mindluster	SAMRUTH SRIRAM D
Embedded Systems and IOT Design	ET3491	CodeBind Technologies, Chennai	SURIYAPRABU P
Total Quality Management	GE3752	Jai Nidhi Automation	ARASU C
Communication Systems	EC3491	All India Radio, Trichy	AROCKIYA JAYARAJ S
			CHARUKESI S
			DIVYADHARSHINI G
			ESWARAMOORTHY M
			HANISH K A
			HELEN PRICILLA X
			KAYAL VIZHI R
			KOWSIKA S
			MEGANATH V
			NOVA AROCKIA RAJ V
			REEGAN RUSOUL L
			RIYAZ KHAN S
			SAKTHIVEL N
SAMRUTH SRIRAM D			

DEPARTMENT OF ECE

Number of courses that include experiential learning through project work/field work/internship during Academic Year 2022-2023

			SIVAGANAPATHY R SUBHIKSHA S SUDHARSAN R SUJITHA R THARUNIKA M E UMAMAGESHWARI K
Embedded Systems and IOT Design	ET3491	Mindluster	SAKTHIVEL N
Embedded Systems and IOT Design	ET3491	CodeBind Technologies, Chennai	SAMRUTH SRIRAM D
Total Quality Management	GE3752	Jai Nidhi Automation	SURIYAPRABU P ARASU C AROCKIYA JAYARAJ S CHARUKESI S DIVYADHARSHINI G ESWARAMOORTHY M HANISH K A HELEN PRICILLA X KAYAL VIZHI R KOWSIKA S MEGANATH V NOVA AROCKIA RAJ V REEGAN RUSOUL L RIYAZ KHAN S SAKTHIVEL N SAMRUTH SRIRAM D
Communication Systems	EC3491	All India Radio, Trichy	

DEPARTMENT OF ECE

Number of courses that include experiential learning through project work/field work/internship during Academic Year 2022-2023

			SIVAGANAPATHY R SUBHIKSHA S SUDHARSAN R SUJITHA R THARUNIKA M E UMAMAGESHWARI K
Problem Solving and Python Programming	GE8151	Curious JR	DHARUNIKA M
Embedded and Real Time Systems	EC8791	Swathi Technologies	ANANDHACHANDRU D
Cloud computing	-	Marcello Tech	KRISHNAMOORTHY S
Embedded Systems and IOT Design	ET3491	PANTECH	GUNASEKARAN S

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HEAD
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VALUE ADDED COURSES:

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DEPARTMENT OF ECE
ADD-ON COURSES

STUDENTS NAME LIST

S.No	Register Number	Name of the Student	Year	Duration	Name of the course	Name of the Company
1	810719106001	Adithya P	IV Year	1 week	Foundational Course in Cybersecurity (SFC101)	IT-ITes Sector Skills Council, Nasscom
2	810719106004	Dhinakaran S	IV Year	1 week	Foundational Course in Cybersecurity (SFC101)	IT-ITes Sector Skills Council, Nasscom
3	810719106005	Gunasekaran S	IV Year	1 week	Foundational Course in Cybersecurity (SFC101)	IT-ITes Sector Skills Council, Nasscom
4	810719106006	Nishanth K	IV Year	1 week	Foundational Course in Cybersecurity (SFC101)	IT-ITes Sector Skills Council, Nasscom
5	810719106008	Raja Rajeswari S	IV Year	1 week	Foundational Course in Cybersecurity (SFC101)	IT-ITes Sector Skills Council, Nasscom
6	810719106009	Vijei R	IV Year	1 week	Foundational Course in Cybersecurity (SFC101)	IT-ITes Sector Skills Council, Nasscom
7	810720106001	Afrose Jamila M	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
8	810720106002	Anandhachandru D	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
9	810720106003	Balamurugan K	III Year	1 week	Fundamentals of Information Security	Infosys Springboard

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10	810720106004	Gadireddy Sameera	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
11	810720106005	Gokul R	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
12	810720106006	Jancy Rani R	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
13	810720106007	Krishnamoorthi S	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
14	810720106008	Kanchu Lokesh	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
15	810720106301	Nithish D	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
16	810720106010	Vigneswaran G	III Year	1 week	Fundamentals of Information Security	Infosys Springboard
17	810719106001	Adithya P	IV Year	6 months	IBM-Nalainya Thiran Course	IBM
18	810719106002	Ajay Kumar K	IV Year	6 months	IBM-Nalainya Thiran Course	IBM
19	810719106003	Gunasekaran S	IV Year	6 months	IBM-Nalainya Thiran Course	IBM
20	810719106004	Raja Rajeswari S	IV Year	6 months	IBM-Nalainya Thiran Course	IBM
21	810719106005	Citybabu M	IV Year	6 months	IBM-Nalainya Thiran Course	IBM
22	810719106006	Dhinakaran S	IV Year	6 months	IBM-Nalainya Thiran Course	IBM
23	810719106008	Nishanth K	IV Year	6 months	IBM-Nalainya Thiran Course	IBM

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Accredited by NAAC with 'A' Grade)

24	810719106009	Vijei R	IV Year	6 months	IBM-Project- IOT Based smart crop protection	IBM
25	810719106001	Adithya P	IV Year	9.4.23	C-Programming	CareerNinja
			IV Year	5.4.23	Basics of HTML/CSS For Engineers	Openweaver
			IV Year	09.4.2023	HTML CERTIFICATION	Lumous Learning
			IV Year	2023	Guvi Certificate Course	Skillup
			IV Year	2023	AI for women	
26	810720106008	Kanchu Lokesh	III Year	2023	Linear regression with Numpy and python	Coursera
					Python database connection with MariaDB from infosys	Coursera
					Data visualization using Plotly	Coursera
					Create your First Python program from UST	Coursera
					Regular Expressions in Python	Coursera
					Get Started with Canva	Coursera
					FEM - Linear, Non-Linear analysis and Post processing	Coursera
					How to create an Instagram Business Account	Coursera

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					Using basic formulas and functions in Microsoft Excel	Coursera
					Exploratory data analysis with Seaborn	Coursera
					Overview of Data Visualization	Coursera
					Edit your photos for Social Media Marketing using Picsart	Coursera

J. Jayaram

**HOD
HEAD**

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2022-23

VALUE ADDED COURSE ON COMPUTER APPLICATIONS IN CIVIL ENGINEERING

The poster features a background image of a multi-level metal staircase on the left side. The right side of the poster is a solid black rectangle containing white and yellow text. At the top of the black area is the CARE College of Engineering logo. Below the logo, the text "VALUE ADDED COURSE" is written in large, bold, yellow letters. Underneath that, "ON" is written in smaller white letters, followed by "COMPUTER APPLICATION IN CIVIL ENGINEERING" in white, italicized font. The dates "01-02-2023 to 06-02-2023" are listed with a yellow checkmark icon. Below that, "CAD CAM LAB" is listed with a yellow checkmark icon. Then, "BATCH - 2020- 2024" is listed with a yellow checkmark icon. At the bottom, "COORDINATED BY" is written in white, followed by "C S MURALI A/P CIVIL" in white, italicized font.

CARE COLLEGE OF ENGINEERING

VALUE ADDED COURSE
ON
COMPUTER APPLICATION IN CIVIL ENGINEERING

01-02-2023 to 06-02-2023 ✓
CAD CAM LAB ✓
BATCH - 2020- 2024 ✓

COORDINATED BY
C S MURALI A/P CIVIL

SYLLABUS

CVA017 / Computer applications in civil engineering

L	T	P	C
2	0	0	2

Preamble:

To make the students to design various concepts of reinforced concrete structure using STAAD pro

Pre-requisites:

Design of RC Structure

Course Outcomes:

At the end of the Course, the Student will be able to:

CO 1 Understand the structural geometry and coordinate system.

CO 2 To learn how to model a structure.

CO 3 To learn how to model a structure through advance command.

CO 4 To learn how to check, analysis and design a structure.

CO 5 To develop a design report of a structure.

UNIT 1: INTRODUCTION TO STAAD PRO:

(6)

General Types of Structure Unit System - Structure Geometry and Coordinate systems
Relationship between Global & Local Coordinates.

UNIT 2: MODELLING OF STRUCTURE:

(6)

Geometry Construction: Assigning various properties, constants- Loadings- Grouping.

UNIT 3: MODELLING OF STRUCTURE

(6)

Supports, Inserting Node. Translation Repeat and Circular Repeat Mirror, Rotate and Move-
Adding Beams-Cut Section- Intersect Selected Members- Renumber- Render View-
Connecting Nodes Creating Intersections

UNIT 4: MODEL CHECKING, ANALYSIS AND DESIGN

(6)

Check Multiple Structures. Check Duplicate Nodes/Members- Check Orphan Nodes- Check
for warped plates. Check improperly connected plates - Check beam plate connectivity- Check
for the Loads- Analysing the model- Concrete Design.

UNIT 5: POST PROCESSING :

(6)

Checking Results- Report Generation Printing Reports- methods to check Results- Shear Force
Bending Moment Check

Total hours = 30 hrs.

TEXT BOOK:

1. Staad Pro V8i for Beginners Paperback - August 22, 2014 by TS Sarma.

2. Structural Analysis and Design using STAAD.Pro V8i by Sivakumar Naganathan

REFERENCES:

STAAD.Pro V8i Manual - Dr.P.V.Premalatha



(Approved by AICTE and Affiliated to Anna University, Chennai)
27, Thayanur, Trichy – 620009

DEPARTMENT OF CIVIL ENGINEERING
VALUE ADDED COURSE ON COMPUTER APPLICATIONS IN CIVIL ENGINEERING

SCHEDULE
(01.2.2023 - 06.2.2023)

DAYS	SESSION 1	SESSION 2	SESSION 3	SESSION 4
WED to MON	9am to 10.30am	10.45am to 12.15pm	1.15pm to 2.45pm	3.00pm to 4.30pm

DAY - 1 STAAD PRO INTRODUCTION AND BASIC KEYS
DAY - 2 DRAWING AND IMPLEMENTATION OF LOADS
DAY - 3 ERECTING AND LOAD CHECKING USING STAADPRO
DAY - 4 FINDING OUT THE LOADS AND CROSS CHECKING THE INPUTS
DAY - 5 FINAL OUTPUT

A handwritten signature in blue ink, appearing to read "R. Suresh", is written above the Coordinator's name.

Coordinator

A handwritten signature in blue ink, appearing to read "B. Suresh", is written above the HOD CIVIL's name.

HOD CIVIL



COLLEGE OF ENGINEERING
 (Approved by AICTE and Affiliated to Anna University, Chennai)
 27, Thayanur, Trichy - 620009

VALUE ADDED COURSE ON COMPUTER APPLICATION IN CIVIL ENGINEERING
 ATTENDANCE (01.02.2023-05-02-2023)

S No.	Register No.	Student Name	01.02.2023				02.02.2023				03.02.2023				04.02.2023				05.02.2023			
			S1	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
01	810720103001	Aakash S	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
02	810720103002	Gunalan S	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
03	810720103003	Iyyappan R	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
04	810720103004	Jasmine M	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
05	810720103005	Kavimani S	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
06	810720103006	Kaviya V	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
07	810720103007	Lakshmikanth R	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
08	810720103009	Praveenraj V	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
09	810720103010	Rajmohan K	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
10	810720103011	Siva Shanmugam S	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
11	810720103012	Sudharsan M	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
12	810720103013	Thenmozhi S	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
13	810720103301	Bhakiyavathi R	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
14	810720103302	Karthik Raja K	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
15	810720103303	Keerthana R	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
16	810720103304	Mohammed Isa Majeeth	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
17	810720103305	Mohammed Ayyas K	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab
18	810720103306	Suriya M	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab	ab

Class Co-ordinator

HoD/Civil



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27, Thayanur, Trichy – 620009

DEPARTMENT OF CIVIL ENGINEERING
REPORT ON VALUE ADDED COURSE ON COMPUTER APPLICATIONS IN CIVIL
ENGINEERING

Date: 1-2-2023 to 6-2-2023

Place: CAD/CAM LAB

The 5-day value added course (VAC) on STAAD pro conducted for 3rd-year civil engineering students was a comprehensive program that provided them with a practical understanding of RCC analysis and design of structures. The VAC was designed to impart practical knowledge and skills to the students, which will enable them to become proficient in the use of the STAAD pro software.

During the value-added course, the students were introduced to the basic concepts of RCC analysis and design, which included the various components of a structure and their functions, different types of loads, and methods of analysis. The students also learned about the STAAD pro software and its various features that make it a powerful tool for analysis and design.

The VAC was highly interactive, with hands-on sessions that allowed the students to apply their theoretical knowledge to practical problems. The students were guided through the process of designing a structure using STAAD pro, starting from the creation of a model, to the analysis of the structure, and finally to the design of the reinforcement.

By the end of the value-added course, the students had gained a good understanding of RCC analysis and design and were able to apply their knowledge to real-world problems. They also had the opportunity to work in teams and collaborate with their peers, which helped them develop important teamwork and communication skills.

Overall, the STAAD pro value-added course was a valuable addition to the civil engineering curriculum, providing students with practical skills and knowledge that will help them in their future careers as civil engineers.

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Coordinator

A handwritten signature in blue ink, appearing to be "P. S. S. S.", written over a light blue horizontal line.

HOD CIVIL

**VALUE ADDED COURSE ON COMPUTER APPLICATION IN CIVIL ENGINEERING
PHOTOS**



VALUE ADDED COURSE ON COMPUTER APPLICATION IN CIVIL ENGINEERING
CERTIFICATES



Certificate of Appreciation

This is to certify that

AAKASH S

OF III- YEAR HAVE SUCCESSFULLY COMPLETED A VALUE ADDED COURSE ON "COMPUTER APPLICATIONS IN CIVIL ENGINEERING" ORGANIZED BY DEPARTMENT OF CIVIL ENGINEERING ON 1-2-2023 TO 6-2-2023

Handwritten signature of C S Murali in black ink.

C S MURALI
Coordinator

Handwritten signature of B Sudha Priya in black ink.

B SUDHA PRIYA
HoD
CIVIL



Certificate of Appreciation

This is to certify that

GUNALAN S

OF III- YEAR HAVE SUCCESSFULLY COMPLETED A VALUE ADDED COURSE ON "COMPUTER APPLICATIONS IN CIVIL ENGINEERING" ORGANIZED BY DEPARTMENT OF CIVIL ENGINEERING ON 1-2-2023 TO 6-2-2023

Handwritten signature of C S Murali in black ink.

C S MURALI
Coordinator

Handwritten signature of B Sudha Priya in black ink.

B SUDHA PRIYA
HoD
CIVIL

VALUE ADDED COURSES

S.no	Date of Event	Name of the Event	Topic	Resource Person Name	Designation	Organization	Semester	Year
1	10-05-2023 to 11-05-2023	Augmented Reality and Virtual Reality	AR/VR	Dr.B.Ezhilavan	Founder& CEO	VEITECHNOLOGIES,Pvt,Ltd., Chennai	EVEN	2022-2023
2	10/08,16/08,17/08,20/08,22/08/2023,1/9,3/9,9/9,20/09,22/09/2023	Problem Solving	Foundation of Programming and Problem solving	Dr. Anandkumar Prakasam,	Root-Trainer	IT learning Centre Research Consultancy, Trichy	ODD	2022-2023
3	06.02.2023 to 11.02.2023	Python Coding	Python Programming	Mr. J. SARAVANA KUMAR	Trainer	Talent 64 Technologies, Chennai	EVEN	2022-2023
4	18/04/2023 To 20/04/2023	Cyber Security	Foundational Course of Security	IT-ITeS Sector Skills Council with NASSCOM	Future Skill	Online	EVEN	2022-2023

Pre-requisite:

Basic programming skills, Knowledge of Geometry, 3D spaces and Linear algebra.

Course Objectives

- CO1: Introducing importance and applications of Augmented and Virtual Reality Systems
- CO2: Explaining working principle of Head Up and Head Mounted Display Systems
- CO3: Using Computer Vision to develop AR system.
- CO4: Developing VR models in Unity
- CO5: Integrating different sensors with AR/VR systems

UNIT I: Introduction

(3 + 6)

Introduction to Virtual Reality – Fundamental concepts and components – Displays and tracking technologies. Primary Features and Present Development on Virtual Reality. Computer graphics, Real time computer graphics, Flight Simulation, Virtual environment requirement, benefits of virtual reality, Historical development of VR.

VR Project – Development of a programming project using a game engine and Google VR software for real time applications.

UNIT II: Augmented Reality

(3 + 6)

Introduction- Basic concepts and components - technology and features of augmented reality, difference between AR and VR, Challenges with AR, AR systems and functionality, augmented reality methods, visualization techniques for augmented reality.

AR Project - wireless displays in real time augmented reality applications

UNIT III : 3D USER INTERFACE INPUT HARDWARE:

(3 + 6)

Input device characteristics, Desktop input devices, Tracking Devices, 3D Mice, Special Purpose Input Devices, Direct Human Input, Home-Brewed Input Devices, and Choosing Input Devices for 3D Interfaces -Development of a project with stereoscopy

Unit IV: SOFTWARE TECHNOLOGIES:

(3 + 6)

Database-World Space, World Coordinate, World Environment, Objects-Geometry, Position / Orientation, Hierarchy, Bounding Volume, Scripts and other attributes, VR Environment-VR Database, Tessellated Data, LODs, Cullers and Occluders, Lights and Cameras, Scripts, Interaction-Simple, Feedback, Graphical User Interface, Control Panel, 2D Controls, Hardware Controls, Room / Stage / Area Descriptions, World Authoring and Playback, VR toolkits, Available software in the market

Unit V: MODELLING THE PHYSICAL WORLD

(3 + 6)

Geometric Modelling – Kinematics Modelling –Physical Modelling –Behaviour Modelling – Model Management
Project -Developing concept of real application with objects that have behaviour or transformative properties.

Total hours :15(T)+30(P) =45 Hours

Reference Books:

1. Alan B Craig, William R Sherman and Jeffrey D Will, Developing Virtual Reality Applications: Foundations of Effective Design, Morgan Kaufmann, 2009.
2. Gerard Jounghyun Kim, Designing Virtual Systems: The Structured Approach, 2005.
3. Doug A Bowman, Ernest Kuijff, Joseph J LaViola, Jr and Ivan Poupyrev, 3D User Interfaces, Theory and Practice, Addison Wesley, USA, 2005.
4. Oliver Bimber and Ramesh Raskar, Spatial Augmented Reality: Merging Real and Virtual Worlds, 2005.
5. Burdea, Grigore C and Philippe Coiffet, Virtual Reality Technology, Wiley Interscience, India, 2003.
6. John Vince, Virtual Reality Systems, Addison Wesley, 1995.

Web resources

1. www.vresources.org
2. www.vrac.iastate.edu
3. www.w3.org/Markup/VRM

Hardware Requirement:	Application Development Lab
PC with Windows /Linux OS	
inputs/outputs (button, eye tracking, accelerometer)	
Microphone	
Sound capacity	
Display capacity	
Visual tracking	
Software Requirement	
OpenSpace3D / Google's ARcore	
/ARToolKit -- Open source	

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms.
Aanto J Mlyon - CSE
of CARE COLLEGE OF ENGINEERING has attended and completed the 45 hours of Value
Added Course on "AUGMENTED AND VIRTUAL REALITY " for the academic year
2022-2023. We appreciate his/her dedication for
completing all the tasks assigned during the period of the course.

32	81072010
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37	81072010
38	81072010
39	81072010
40	81072010


Dr. B. EZHILAVAN,
VEI Technologies Pvt. Ltd.



CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms.
ABDULLA.S 17 yr - CSE
of CARE COLLEGE OF ENGINEERING has attended and completed the 45 hours of Value
Added Course on "AUGMENTED AND VIRTUAL REALITY " for the academic year
2022-2023. We appreciate his/her dedication for
completing all the tasks assigned during the period of the course.


Dr. B. EZHILAVAN,
VEI Technologies Pvt.Ltd.



CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms.
Alavandan S 1st year - CSE
of CARE COLLEGE OF ENGINEERING has attended and completed the 45 hours of Value
Added Course on "AUGMENTED AND VIRTUAL REALITY " for the academic year
2022-2023. We appreciate his/her dedication for
completing all the tasks assigned during the period of the course.


Dr. B. EZHILAVAN,
VEI Technologies Pvt.Ltd.



VEI

TECHNOLOGIES PVT LIMITED
We Design For Future Technologies
CORPORATE 61515598827ee1632720280

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms.

Annaladasu Mahesh Babu - 11 year - CSE

of CARE COLLEGE OF ENGINEERING has attended and completed the 45 hours of Value Added Course on "AUGMENTED AND VIRTUAL REALITY " for the academic year 2022-2023. We appreciate his/~~her~~ dedication for completing all the tasks assigned during the period of the course.



Dr. B. EZHILAVAN,
VEI Technologies Pvt.Ltd.



S.No	Topics	Duration	Date/Day
(III CSE & AD)			
1	Introduction - Company Types, Goal, Choosing a Company, Choosing a Programming Language, Compiler vs Interpreter, Types of Programming Languages, What is a Program?, etc.	3	Aug 10, Wed (FN)
2	Data Types: Types, Primitive vs Complex, Value vs Reference, Garbage Collection Primitives, Basic Data Types: int, float, char, bool, string with use cases, Git and GitHub Fundamentals – Git Hands on training	3	Aug 16, Tue (FN)
3	Conversion: Casting, Conversion, Formatting, Parsing, Basic Programming: IDE, Input, Output and Basic Operations, Set 1 5 questions hands on	3	Aug 17, Wed (FN)
4	Set 1 Discussion, Scope: Visibility and Lifetime, Stack Tracing, Debug using Break Points, Functions/Methods - Use Cases and Types, Functions Hands on	3	Aug 20, Sat (FN)
5	Functions Discussion, Conditionals: If Else and Boolean Operations, Conditions 5 questions hands on, Switch Case, Ternary Operator, Boolean Functions, Unit Testing, Test Driven Development	3	Aug 20, Sat (AN)
6	Conditionals Discussion, Loops: Unstructured, Structured, Parts, while, for, do while, multiple iterators, break and continue, Loops 5 questions hands on, Contest I/O Discussion, Practice Contest 1 - Intro Hands On	3	Aug 22, Mon (FN)
7	Loops Set 1 Discussion, Set 2 IO Explanation, Simple Patterns Explanation, Set 2 - 5 questions Hands on, Practice Contest 2 and Discussion	3	Sep 01, Thu (FN)
8	Loops Set 2 Discussion, Factors, Primes and Number Problems, Set 3 IO Explanation, Practice Contest 3 and Discussion	3	Sep 3, Sat (FN)
9	Arrays - 1D, 2D and Jagged Arrays with Use Cases and Demo, Arrays Set 1 - 5 questions Hands on Practice Contest 4 – Hands	3	Sep 9, Fri

	on and Discussion		(FN)
10	Array Set 1 Discussion, Linear Search, Binary Search, Array Set 2 IO, Array Set 2 Hands On 5 Questions. Practice Contest 5 – Hands On and Discussion	3	Sep 9, Fri (AN)
11	Array Set 2 Discussion, Rotation and Reverse in place, Array Set 3 IO, Collection Classes: List, Sorted List, Stack, Queue, Dictionary, Set Use Cases with Demo. Practice Contest 6 – Hands On and Discussion	3	Sep 20, Thu (FN)
12	Array Set 3 Discussion, Collection Set 1 IO, Files and Directories - File I/O, Game Development - Board Games, Practice Contest 7 Hands on and discussion.	3	Sep 20, Thu (AN)
13	Collection Classes Set 1 Discussion, Strings and Character Arrays. Strings IO. Board Game Project Review and Improvements, Practice Contest 8 Hands on and Discussion.	3	Sep 22, Sat (FN)
14	Strings Set Discussion. Two Pointer Technique. Board Game Project Review and Suggestions. Full Contest 1 and Discussion.	3	Sep 22, Sat (AN)
(IV CSE)			
15	Basic Programming Concepts and Sample programs	3	Sep 27, Tue (FN)
16	Concepts of Test Cases	3	Oct 11, Tue (AN)

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COLLEGE OF ENGINEERING

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Department of Computer Science Engineering
Value Added Course on Test Case Implementation

Batch : 2019-2023

Academic Year : 2022-2023 (ODD)
Year/Sem : IV - V / VII Sem

S.No	Reg.No	Name	27.9.22 FN	11.10.22 FN	12.10.22 AN	13.10.22 AN
1	810719104001	Aakash N				
2	810719104002	Adhithya A				
3	810719104004	Aravind R				
4	810719104005	Arthy N				
5	810719104006	Ayeesha Begum S				
6	810719104007	Balamurugan S				
7	810719104009	Chelci Jisha				
8	810719104011	Gopinath G				
9	810719104012	Keerthana D M				
10	810719104013	Madhani Prathar R				
11	810719104014	Madhu Preetha B				
12	810719104015	Nandhini S				
13	810719104016	Nithinkarthick R				
14	810719104017	Nithya Sri R				
15	810719104018	Ram Chandhar S A				
16	810719104019	Sanjai P				
17	810719104020	Shreehar K E				
18	810719104021	Steffy Roesy J A				
19	810719104022	Swertha V				
20	810719104023	Syed Jaffer Sadiq				
21	810719104025	Vijayashree V				
22	810719104026	Vindhiya M				
23	810719104301	Ayyapan D				

[Signature]
Event Coordinator

Sno	Date	Name	10/8	16/8	17/8	18/8	19/8	20/8	22/8	1/9	2/9	9/9	10/9
28	810720104031	Roshan	A	A	A	A	A	A	A	A	A	A	A
29	810720104032	Sakshi Shree M	A	A	A	A	A	A	A	A	A	A	A
30	810720104033	Saravanan R	A	A	A	A	A	A	A	A	A	A	A
31	810720104035	Shaik Althaf	A	A	A	A	A	A	A	A	A	A	A
32	810720104036	Sivasakthi V	A	A	A	A	A	A	A	A	A	A	A
33	810720104037	Suvetha S	A	A	A	A	A	A	A	A	A	A	A
34	810720104038	Tharson R	A	A	A	A	A	A	A	A	A	A	A
35	810720104039	Vigneshmathan R	A	A	A	A	A	A	A	A	A	A	A
36	810720104040	Vijay Krishna B	A	A	A	A	A	A	A	A	A	A	A
37	810720104042	Vimal Sajee G R	A	A	A	A	A	A	A	A	A	A	A
38	810720104043	Yamini K	A	A	A	A	A	A	A	A	A	A	A
39	810720104301	Mohideen Irshath	A	A	A	A	A	A	A	A	A	A	A
40	810720104302	Nithin K J	A	A	A	A	A	A	A	A	A	A	A
Total Present			15	20	24	17	30	24	29	29	20	23	27
Total Absent			25	20	6	23	10	6	11	11	20	7	3
Faculty Sign			PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA

[Signature]
HoD

[Signature]
Coordinator

Sno	Year
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CSE 2022-2023 EVEN Python Programming

S.No	Topics	Duration	Date/Day
(II CSE)			
1	Understand Python's logic and structure, Literals and Variables, Operators Make decisions and branch the flow with the if instruction, Different types of iterations, Collect and process data using Lists, Collect and process data using tuples ,Solve the Coding interview Questions using above Concepts	6	Feb 6, Mon
2	Collect and process data using dictionaries, set Operations, Operate with strings, Solve the Coding interview Questions using above Concepts	6	Feb 7, Tue
3	Built-in Functions, Defining and invoking user-defined functions and generators, Solve the Coding interview Questions using above Concepts	6	Feb 8, Wed
4	import variants: import, from import, import as, import * math module functions: ceil(), floor(), factorial(), sqrt(), etc Solve the Coding interview Questions using above Concepts	6	Feb 9, Thur
5	Coding Interview Questions Company Specific Interview Questions	6	Feb 10, Fri
6	Hacker Rank Beginner Level Practice Tests Hacker Rank Intermediate Level Practice Tests Hacker Rank Advanced Level Practice Tests	6	Feb 11, Sat

CERTIFICATE



Certificate *of Completion*

This is to certify that Ms.
Agalya A from CARE College
of Engineering has
completed the **Technical
Training on Problem Solving
using Advanced Python
Programming**

conducted by **Talent64** from **feb 06** to **Feb 11, 2023**.

Authorised signatory

Talent64

CYBER SECURITY EVEN 2021-2022

Syllabus

Sno	Topic	Duration(hrs)	Date
1	Setting, configuring and managing three password policy in the computer (BIOS, Administrator and Standard User).	2	18/04/2023
2	Setting and configuring two factor authentication in the Mobile phone.	2	18/04/2023
3	Security patch management and updates in Computer and Mobiles.	2	19/04/2023
4	Managing Application permissions in Mobile phone.	2	19/04/2023
5	Installation and configuration of computer Anti-virus.	2	20/04/2023
6	Installation and configuration of Computer Host Firewall.	2	20/04/2023
7	Wi-Fi security management in computer and mobile	1	20/04/2023

Name List

1	810720104001	AANTO J	III YEAR
2	810720104002	ABDULLA S	III YEAR
3	810720104003	ALAVANDAN S	III YEAR
4	810720104004	MAHESH BABU A	III YEAR
5	810720104006	BHARATHI R	III YEAR
6	810720104007	DEREK JOEL SAM M	III YEAR
7	810720104008	DHIVYA SHREE A	III YEAR
8	810720104009	DINESHKUMAR S	III YEAR
9	810720104010	GAYATHRI S	III YEAR
10	810720104012	JAYASURYA A	III YEAR
11	810720104015	KARTHIKEYAN S	III YEAR
12	810720104016	KAVIYAN R	III YEAR
13	810720104017	KEERTHANA R	III YEAR
14	810720104018	LOKESH G	III YEAR
15	810720104019	MADHAN M	III YEAR
16	810720104020	MAHESH E	III YEAR
17	810720104024	PANNEER SELVAM M	III YEAR
18	810720104025	PARAMESHWARAN K	III YEAR
19	810720104027	PAVIKA V	III YEAR
20	810720104028	PRAVEENAKASH G	III YEAR

21	810720104029	PUGAZHENTHI S	III YEAR
22	810720104030	RAVI KUMAR R	III YEAR
23	810720104031	ROSHAN V	III YEAR
24	810720104032	SAKTHI SHREE M	III YEAR
25	810720104033	SARAVANAN R	III YEAR
26	810720104036	SIVASAKTHI V	III YEAR
27	810720104037	SUVETHA S	III YEAR
28	810720104038	THARSINI R	III YEAR
29	810720104039	VIGNESH NATHAN R	III YEAR
30	810720104040	VIJAY KRISHNA B	III YEAR
31	810720104042	VIMAL SAJUE GR	III YEAR
32	810720104043	YAMINI K	III YEAR
33	810720104302	NITIN KJ	III YEAR



GOLD **CERTIFICATE**

This is to certify that
BHARATHI R-2020
has successfully cleared the assessment on
Foundational Course in Cybersecurity (SFC101)

Aligned to Competency Standards developed by IT-ITeS Sector Skills Council
NASSCOM in collaboration with Industry and approved by Government.



20/04/2023
Date of issue

[Signature]
CEO, IT-ITeS Sector Skills Council
NASSCOM

Gold Category: 70% and above score.
Detailed Scorecard included

futureskills
— prime

MINISTRY OF
ELECTRONICS &
INFORMATION TECHNOLOGY
GOVERNMENT OF INDIA

IT - ITeS SSC
NASSCOM

SCHEDULE

Competitive Coding

1. Day 1

- a. Introduction – Intro, Problem Solving Process, BUD Optimization
- b. Basic Algorithms – Sum of natural numbers, sum of even / odd numbers, AP, GP, HP, sets, functions, logarithms, factorial, Fibonacci numbers etc.
- c. Big O notation

2. Day 2

- a. Functions – Theory, Functions in Python
- b. Comprehensions

3. Day 3

- a. OOPs – Classes and Objects, Inheritance, Polymorphism
- b. Exceptions

4. Day 4

- a. Sorting – Theory, Sorting Algorithms:

- Selection Sort
- Bubble Sort
- Insertion Sort
- Merge Sort
- Quick Sort
- Heap Sort
- Counting Sort

- b. Search

- Linear search
- Binary search
- Interpolation search

5. Day 5

- a. Exercise Problems & Solutions

6. Day 6

- a. Exercise Problems & Solutions

Every day – Homework of 5 problems (1 to 2 hours)

On the final day a hackathon can be conducted in the evening



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VALUE ADDED COURSE
ACADEMIC YEAR(2022-2023)EVEN

Department of
Artificial Intelligence & Data Science
Organizing
Value Added Training
On

**ADVANCED
PROBLEM SOLVING
IN PYTHON**

CARE COLLEGE OF ENGINEERING
Approved by AICTE / Affiliated to Anna University, Chennai

**Feb 8th - Feb 14th
2023**
09:30 Am – 5.00 Pm
Venue : Computer Lab 2

CODETANTRA

Mr. Ramanamurthy Saripalli
Senior Vice President
CodeTantra Tech Solutions, Hyderabad

Mr. Rajha
Technical Trainer
CodeTantra Tech Solutions, Hyderabad

#27, Thayanur, Dindigul NH, Trichy - 09

care.ac.in

CodeTantra Tech Solutions Pvt. Ltd.

Private and Confidential

CodeTantra Tech Solutions Pvt. Ltd.

Office: 12-6-2/73/2
Opp. BIP Office, Kakatpally Hyderabad - 500072
Tel: +91 9849600002

INVOICE

To: CARE Group of Institutions
Approved by AICTE | Affiliated to Anna University
27, Thayanoor, Trichy - 620 009.

Contact Person
Dr. Amutha

Date: 09/02/2023
INVOICE No: 13337

#	Description	Amount (Rs.)
1.	Python Training Program - 6 days Training CodeTantra platform to practice Python Assessments: 10 No of Students: 52 Price Per Student: Rs.1500	78,000
	Add: IGST @18%	14,040
	Total Amount (Invoice Value in words) Ninety two thousand Forty rupees only	92,040

PAYMENT DETAILS

PAN: AAFCC6187L		
GSTIN: 36AAFCC6187L1Z5		
TAN No: HYDC06662F		
Wire Transfer Details		
Yes Bank - Secunderabad Branch		
Current Account Number: 069787300001144		
IFSC No: YESB0000097		

* This is a computer-generated invoice and does not need signature. *



Thayanur, Tamil Nadu, India

QJ97+WGW, Thayanur, Tamil Nadu 620102, India

Lat 10.769309°

Long 78.613766°

13/02/23 04:32 PM GMT +05:30

Google

GPS Map Camera

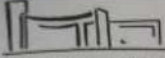
PHOTOS



TRAINING FEEDBACK

	A	B	C	D	E	F	G	H
1	Timestamp	Name	How helpful was it?	What is one thing you found MOST helpful?	How could this training be improved for the future?	What is one thing you wish you'd learned about?	Any other comments or suggestions? Please share them below.	
32	2/15/2023 15:00:27	Chandana Shree	5	We gained more knowledge regarding	By practicing more codings	Learned many new things	Need more training session like this	
33	2/15/2023 15:00:46	SUMITHRAA	5	We gained more knowledge regarding	By practicing more on data science	Learned many new coding	Need more training session like this	
34	2/15/2023 15:01:34	NIHISH S	5	knowledge sharing	To Gain some Knowledge	DATA SCIENCE	NO COMMENTS	
35	2/15/2023 15:02:07	SARAVANAN V	4	AFTERNOON SESSION	It improved my coding skills	nil	NIL	
36	2/15/2023 15:02:18	ASINAYAS	5	after this training session i learned	gave a good an idea to solve	after this i improved my coding	There have many network issues while running the program	
37	2/15/2023 15:02:37	BALAJI C	5	gain some knowledge about python	extend the training periods	creating a program using python	no comments	
38	2/15/2023 15:03:15	M Jayashree	5	Learning coding	Can have more training sessions	To learn more coding in python		
39	2/15/2023 15:03:19	AZARUDEEN B	5	Gain some knowledge about python	extend the training period	Create a program using Python	NO COMMENTS	
40	2/15/2023 15:03:24	ARUL PALAN APPAS	5	Afternoon session	its improves my coding skills	Nothing	nil	
41	2/15/2023 15:03:52	JOEWIN BRIGHT J	2	Knowledge sharing	its improve my coding skill	Nothing	No comments	
42	2/15/2023 15:04:24	SHAARFA PARVEEN	5	Their deep explanation even for the	The time period of the training	More deeper topics in OOP	Need more Training Session like this.	
43	2/15/2023 15:08:57	Dharshini K	5	It was most helpful for me in getting	It was an motivation and then	wished to cover all the concepts		
44	2/17/2023 10:28:36	Good	4	Training	More interactive	Technical skills	No	
45	2/17/2023 10:45:41	Jemimah vij	3	Basics of python	Need more days for training	Python deeply	Need more days of training , more than a week to understand clearly	
46	2/17/2023 10:47:22	Sweethika kowsalya. I	3	Coding	Need more days	Deep learning	Null	
47	2/17/2023 10:48:49	Quiny Christabel R	5	Got to know the very basics of coding	More of the session and then	wish these courses could	More	
48	2/17/2023 10:49:43	D. Tam Raj	5	Best Motivation	Duration can be increased	Data structure	Duration can be increased	
49	2/17/2023 10:50:02	NATHAN ADHAKALAR	5	HELPFUL TO LEARN CONCEPTS	EARNED BASICS OF PYTHON	USEFULNESS TO GET THE BETTER TO GET THIS OPPORTUNITY TO LEARN		
50	2/17/2023 10:59:59	Jayasree.m	5	Got a clear clarification about concepts	The sessions were good except	Got a better idea in program	
51	2/17/2023 11:00:11	SHREENITH R	4	Got the idea about the OOPS concepts	The sessions were good but	Some different concepts in	
52	2/17/2023 11:00:18	Shinore Thomas T	4	Got clear clarification about concepts	The session might have could	Might get some better idea	

RESOURCE PERSON FEEDBACK

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GUEST LECTURE FEEDBACK

Department: AI&DS Date: 11/2/23 Time: 3:45pm
Event Name: Python Programming
Topic:

Name of the Guest: Mr. Ramaramanthy Sasipathi
Designation of the Guest: Senior Vice President, Code Tantra Solutions, Hyderabad
Name of the Organization/Institution:


Beneficiary: Branch: AI&DS Year: II

Areas discussed in the Lecture
1.
2.
3.
4.
5.
6.


Comments
1. Informative & amiable content
2. Hospitality Excellent
3. Students - interested, hands-on - but needs constant picking
4. The curriculum may need some adjustment.

Highlights of the Lecture

Effectiveness


Signature of the Coordinator / MOD

STUDENT FEEDBACK



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FEEDBACK ON TRAINING

Name of the Participant: Chandrasekhar Srinivasan M Department: AIIDS
 Title of the Event: Academic Presentation Getting To Know Python
 Event Sponsored By: CARE College of Engineering
 Total Duration: 6 Days From Date: 8.2.2023 To Date: 14.2.2023
 Timings: 09:00 - 05:00 Guest's: 1. Mr. Chandrasekhar
2. Ms. Gayathri

LEGEND: E = EXCELLENT G = GOOD A = AVERAGE P = POOR

Sr. No.	ATTRIBUTE	Guest 1				Guest 2			
		E	G	A	P	E	G	A	P
GUEST PERFORMANCE									
1.	Domain Knowledge	✓				✓			
2.	Presentation / Communication Skill	✓				✓			
3.	Ability to Draw Participation	✓				✓			
4.	Interest in the Event	✓				✓			
5.	Response to Queries	✓				✓			
OTHER PARAMETERS									
1.	Overall Usefulness	✓				✓			
2.	Course Material	✓				✓			
3.	Seating Arrangements		✓				✓		
4.	Quality of Audio Visual (if any)								
5.	Other Arrangements	✓				✓			
OVERALL ASSESSMENT									
1. Things Most Appreciated: <u>Able to understand the topics very well.</u>									
2. Things Least Appreciated: <u>-</u>									
3. Suggestions for improvements: <u>Need to implement in detail</u>									
4. Any Other Remarks:									

team have won the first prize with 71 marks, Ms.Sumitra and her team won the second prize with 53 marks. Each student gave the feedback using Google form, the feedback was excellent. The platform can be utilized by the students for 6 months and using the same platform the faculty can also conduct coding test/competitions.

On behalf of our department I thank the students for their utmost cooperation for the training program. The outcome of the program has been visualized by themselves with their assessment marks and through live hackathon.

We are thankful to the CEO, the Principal, and to the Dean for initiating and supporting us to carry out the training program successfully. The training program follow-up will be done by Mrs.S.Nageswari, to make the students fully benefited by the course using the platform. We hope such programs will be done in future also.



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Department Of Artificial Intelligence and Data Science

Six Days Value Added Courses

on

Advanced Problem Solving in Python

(08 –Feb 2023 to 14-Feb 2023)

REPORT

Respected Sir,

We the department of AD has successfully conducted 6 day training program on “Advanced Problem Solving using Python Programming” , for II year students. The program was from 8/2/2023 to 14/2/2023. The resource persons were Mr.Ramanamurthy Sarapalli, and Mr.Rajhan from Code Tantra, Tech Solutions, Pvt. Ltd,. Before the training program, the codetantra created the credential details for each student to use their platform.

For the first two days the forenoon session included the discussion about basic concepts in python and for those days, the afternoon session included the its (FN session)coding part of the concepts discussed. Next four days in the FN session, OOP’s concept was handled. For the same four days, the (AN session) included the python coding using OOP’s. For all the 6 days students did there coding part for 3hrs in the afternoon, the assignment/test was also given to the students for another 3hrs in the evening. Totally the students were engaged in coding using python for 6hours per day. Using the platform the students have been monitored about their coding completion status and their assessment.

The summary sheet generated using the platform was discussed among students and time was given to complete the entire test. Once the all test were completed, codetantra will issue the course certificate to the students. The deadline line to complete the course test is within 4th March 2023. In the last day AN session, live hackathon was conducted for 3hrs and the session went with full excitement about who will be in the first position. Mr.Arvindsamay and his

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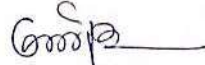



Fig. 8. Feedback session



Fig. 9. Vote of Thanks by Mr. P Dineshkumar, AP/MECH


Coordinators


HoD/MECH
HEAD
Mechanical Engineering
CARE College of Engineering
Trichy - 620 009


Principal
PRINCIPAL
CARE COLLEGE OF ENGINEERING
No. 27, Thayanur, Trichy-620 009.

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Fig. 6. Day 5 - Valedictory Function

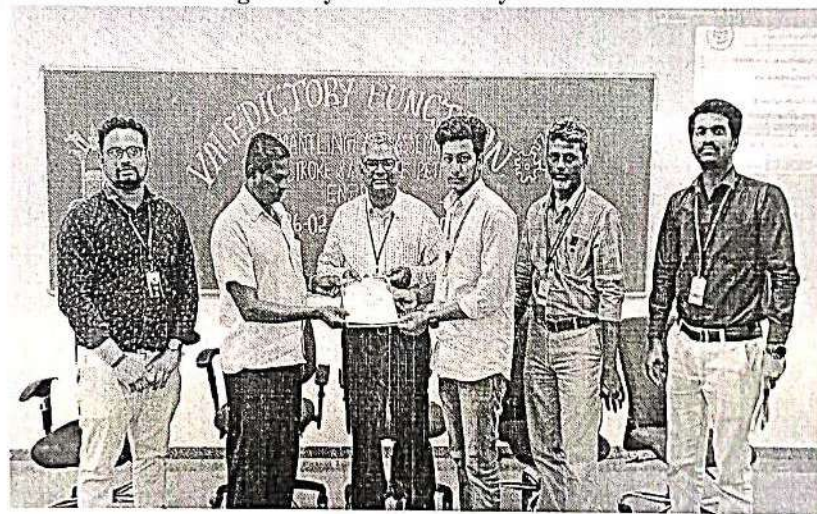


Fig. 7. Day 5 - Certificate Distribution

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Fig. 4. Day 3 - Hands on Session- Assembling of Transmission with crank and Piston arrangement handled by Mr.B.Manickraj



Fig. 5. Day 4 - Guest Lecture On-Recent Trends in Automobile Engine & Troubleshooting handled by Mr. P Dineshkumar, AP/MECH

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Fig. 2. Day 1 - Hands on Session-Two Stroke Engine-Dismantle



Fig. 3. Day 2 - Guest Lecture On-Clutch and Transmission Assembly

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Among them team C complete dismantling and assembling the engine by 17 mins and 20 seconds.

Valedictory Function:

At 4:30 pm, Dr.A.Pasumpon pandian, Dean R&D, presided over the Valedictory Function. HOD Dr.D.R.Rajkumar explains the Current and Future technology in automobiles to the students. Our Dean Dr.A.Pasumpon pandian Motivates students about the needs of automation and knowledge of I C Engines and Elective vehicles as well. Our Resource person remembered the important points from the 2 stroke and 4 stroke IC engines. Dean R&D congratulated the winners with a gift and certificate.

Certificates were distributed by the external resource person for other students also. Feedback form was collected from all the participants/students.

Finally Vote of thanks was given by the Coordinator Mr.P.Dineshkumar.

Enclosures:

CARE COLLEGE OF ENGINEERING
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27, Thayanur, Trichy - 620009, Tamil Nadu

MECHANICAL ENGINEERING
MES

DEPARTMENT OF MECHANICAL ENGINEERING
&
ANNAI AUTO WORKS, TRICHY
Living Engineering

A Five Days Value Added Course
On
Dismantling and Assembly of 2-Stroke & 4-Stroke Petrol Engine

DATE : 06-02-2023 to 10-02-2023
Time : 9.00 a.m to 5.00 p.m
Venue: Thermal Engineering Lab

Mr. B. Manickraj
Instructor,
Annai Auto Works,
Trichy

Co-ordinators
1) Mr. P.D. Dineshkumar, AS/MECH
2) Mr. S. Karthik, AP/MECH

Participants
1) IV Year Mechanical Students
2) II Year Mechanical Students

Contact us @ care.ac.in | fb/carecollegeofengineering | 789820011/9597352589

Fig. 1. Event Poster

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Day-02 :

Day two began with a guest lecture on Various types of fuels, Engines, Brake systems and Car classification session taken by Mr.S.Karthik, AP/MECH. Session two was handled by Mr.M.Anthony Kingston, AP/MECH about Clutch and transmission assembly. Afternoon session was Hands-on session of Dismantle and Assembly of Two Stroke Engines which was handled by Resource Person

Day-03 :

On day three, Hands on session of four stroke engine by External Resource Person and then in second session he explained Dismantling and Assembly of clutch and Transmission assembly by practically. Mr.S.Maheshwaran, AP/MECH gave a presentation on crankshaft and Piston to the participants and AN Session. Last session was Hands-on session of Dismantle and Assembly of Two Stroke Engines by Mr.B.Manickraj.

Day-04 :

Fourth day, FN session 1 on crank and Piston arrangement handled by External Resource person Mr.B.Manickaraj. Session 2 was taken by Internal staff Mr.S.Karthik, AP/MECH on Head, Cylinder Bore arrangement. AN first session was handled by Resource Person Mr.B.Manik Raj, who dismantled the Head and Bore arrangement and students assembled the part. Last Session was discussed about the recent trends and troubleshooting in automobiles by Mr.P.Dineshkumar, AP/MECH.

Day-05 :

On the fifth day First session was taken by Dr.B.Gobalakrishnan about various parts in Head and its function in detail. Second session was carried out by the resource person on overhauling the 4 stroke engine. Afternoon Students were divided into 5 groups (A,B,C,D,E). Each group competes with each other in dismantling and assembling four stroke and two stroke engines in less time.

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DEPARTMENT OF MECHANICAL ENGINEERING

Report on Value added Course-“Dismantling and Assembly of 2-Stroke & 4-Stroke Petrol Engines”

Venue: Thermal Engineering Laboratory

Date : 06-02-2023 to 10-02-2023

Time : 9.00 am to 5.00 pm

The Programme was organized by CARE College of Engineering and coordinated by Mr.P.Dineshkumar AP/MECH & Mr. S.Karthik AP/MECH of Mechanical Department in the year 2022-2023. This Stream was decided on the advice of Subject Faculty and Feedback received from past Year AY 2021-2022. About 41 Students from II and IV Year Mechanical Engineering Students actively participated in the Value added Courses.

Day-01 :

The programme began with the prayer song. Mr.S.Karthik AP/Mech delivered the welcome address. Dr.D.R.Rajkumar HOD/ MECH presided over the function and encouraged the students about the current technology used in this Automobile Field. Co-Ordinator Mr.P.Dineshkumar introduced the Chief Guest B.Manickraj, Proprietor, Annai Auto works. The Chief Guest inaugurated the function and gave confidence to the participants and brief about the current and future technology in this Field. After the Inaugurations, Our HOD Dr.D.R.Rajkumar gave his lecture on Introduction to Automobiles. After that hands on session taken by Mr.B.Manickraj (External Resource person). Finally, activity was conducted for students to Identify the real parts and place it in Prelabeled areas within the time limit by Co-ordinator Mr.P.Dineshkumar, AP/MECH.

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S.no	Year	Register Number	Name of the Participants	06-02-2023		07-02-2023		08-02-2023		09-02-2023		10-02-2023	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
35	II	810721114317	RUBIN RAJ D	D.Raj	D.Raj	D.Raj	D.Raj	D.Raj	D.Raj	D.Raj	D.Raj	D.Raj	D.Raj
36	II	810721114318	SATHISH M	m.sathish	m.sathish	m.sathish	m.sathish	m.sathish	m.sathish	m.sathish	m.sathish	m.sathish	m.sathish
37	II	810721114319	SUDHARSAN A	A.Sudhar	A.Sudhar	A.Sudhar	A.Sudhar	A.Sudhar	A.Sudhar	A.Sudhar	A.Sudhar	A.Sudhar	A.Sudhar
38	II	810721114320	SUDHARSAN R	R.Sudhar	R.Sudhar	R.Sudhar	R.Sudhar	R.Sudhar	R.Sudhar	R.Sudhar	R.Sudhar	R.Sudhar	R.Sudhar
39	II	810721114321	TAMILVEL S	S.Tamilvel	S.Tamilvel	S.Tamilvel	S.Tamilvel	S.Tamilvel	S.Tamilvel	S.Tamilvel	S.Tamilvel	S.Tamilvel	S.Tamilvel
40	II	810721114322	THIRUMURUGAN P	P.Thirumuru	P.Thirumuru	P.Thirumuru	P.Thirumuru	P.Thirumuru	P.Thirumuru	P.Thirumuru	P.Thirumuru	P.Thirumuru	P.Thirumuru
41	II	810721114323	VINOTHKUMAR L	L.Vinoth	L.Vinoth	L.Vinoth	L.Vinoth	L.Vinoth	L.Vinoth	L.Vinoth	L.Vinoth	L.Vinoth	L.Vinoth

[Signature]
COORDINATORS

[Signature]
HOD/MECH

HEAD
Mechanical Engineering
CARE College of Engineering
Trichy -620 009

[Signature]
PRINCIPAL

PRINCIPAL
CARE COLLEGE OF ENGINEERING
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S.no	Year	Register Number	Name of the Participants	06-02-2023		07-02-2023		08-02-2023		09-02-2023		10-02-2023	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
17	II	810721114012	SURAJ R	R.S.P.	R.S.P.	R.S.P.	R.S.P.	R.S.P.	R.S.P.	R.S.P.	R.S.P.	R.S.P.	R.S.P.
18	II	810721114013	SURYA A L	A.L.S.	A.L.S.	A.L.S.	A.L.S.	A.L.S.	A.L.S.	A.L.S.	A.L.S.	A.L.S.	A.L.S.
19	II	810721114014	VELLIYANGIRIN	V.V.	V.V.	V.V.	V.V.	V.V.	V.V.	V.V.	V.V.	V.V.	V.V.
20	II	810721114301	ANISH JOVIN A	A.J.	A.J.	A.J.	A.J.	A.J.	A.J.	A.J.	A.J.	A.J.	A.J.
21	II	810721114302	ARTHI S	S.A.	S.A.	S.A.	S.A.	S.A.	S.A.	S.A.	S.A.	S.A.	S.A.
22	II	810721114303	BALAMURUGAN P	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.
23	II	810721114304	BARANITHARAN R	R.B.	R.B.	R.B.	R.B.	R.B.	R.B.	R.B.	R.B.	R.B.	R.B.
24	I	810721114305	EDWID CLARANCE J	E.C.	E.C.	E.C.	E.C.	E.C.	E.C.	E.C.	E.C.	E.C.	E.C.
25	II	810721114306	GOWTHAM G	G.G.	G.G.	G.G.	G.G.	G.G.	G.G.	G.G.	G.G.	G.G.	G.G.

Good
HEAD

Mechanical Engineering
CARE College of Engineering
Trichy - 620 009

CAREER COLLEGE OF ENGINEERING



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Department of Mechanical Engineering
Five Days Winter Workshop on "Dismantling and Assembly of 2-Stroke and 4-Stroke Petrol Engine"
Date & Time : 06-02-2023 to 10-02-2023 & 9.00 A.M to 5.00 P.M
Attendance Sheet

S.no	Year	Register Number	Name of the Participants	06-02-2023		07-02-2023		08-02-2023		09-02-2023		10-02-2023	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	IV	810719114001	DHANASEKARANG	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
2	IV	810719114002	HASHIM ASLAM.M	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
3	IV	810719114005	MOHAMMAD REYAD S	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
4	IV	810719114006	NAVANEETHA KRISHNAN R	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
5	IV	810719114007	NELSON RAMKUMAR B	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
6	IV	810719114008	PARTHASARATHI N	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
7	IV	810719114009	SHAHID AFRIDI S	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN

Good (HOD/MECH)

			injector, cam shaft, valves, Timing chain, spark plug, Carburetor	
		03.30 – 04.45	Guest Lecture On-Recent Trends in Automobile Engine & Troubleshooting	Mr.P.Dineshkumar / AP
5	Day 5 (10-02-23)	09.00 – 10.45	Guest lecture on-cam shaft, valves, Timing chain, spark plug, Carburetor	Dr.B.Gobalakrishnan / AP
		11.15 – 12.35	Guest Lecture On- cam shaft, valves, Timing chain, spark plug, Carburetor	Mr.B.Manickraj (External)
		01.30 – 03.10	Hands on Session-Assembly and Dismantle of Four stroke Engine	
		03.30 – 04.30		
		04.30-4.50	Valedictory Function Certificate Distribution	Dr.A.PasumponPandian / Dean R&D
		04.50-04.55	Vote of thanks	Mr.P.Dineshkumar / AP



 Co-Ordinators


 HoD/MECH
HEAD
 Mechanical Engineering
 CARE College of Engineering
 Trichy -620 009

CARE

COLLEGE OF ENGINEERING

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

27, Thayanur, Trichy – 620009

Department of Mechanical Engineering

Value added Course -Schedule

“Dismantling and Assembly of 2-Stroke and 4-Stroke Petrol Engine”

Participants: II & IV Year Mechanical Students

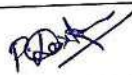

S.no	Date	Time	Session	Handled By
1	Day 1 (06-02-23)	09.00 – 10.45	Inaugural Address	Dr.S.Shanthi / Principal
			Welcome address	Mr.S.Karthik / AP
			Introduction on IC ENGINES	Dr.D.R.Rajkumar / HOD
		11.15 – 12.35	Guest Lecture On- Description of IC ENGINES	Mr.B.Manickraj (External)
		01.30 – 03.10	Hands on Session-Two Stroke Engine-Dismantle	
03.30 – 04.45	Guest lecture on-Identifying parts with its function	Mr.P.Dineshkumar / AP		
2	Day 2 (07-02-23)	09.00 – 10.45	Guest Lecture On- Various Types Of Fuels,Engines,Brake systems,cars classification	Mr.S.Karthik / AP
		11.15 – 12.35	Guest Lecture On-Clutch and Transmission Assembly	Mr.M.Anthony Kingston / AP
		01.30 – 03.10	Hands on Session- Overview and Two Stroke Engine-Assembly	Mr.B.Manickraj (External)
		03.30 – 04.45		
3	Day 3 (08-02-23)	09.00 – 10.45	Hands on Session- Overview and Four Stroke Engine-Assembly	Mr.B.Manickraj (External)
		11.15 – 12.35	Hands on Session-Assembly and dismantle of Clutch and Transmission assembly	
		01.30 – 03.10	Guest Lecture on-Crankshaft and Piston	Mr..S.Maheswaran / AP
		03.30 – 04.45	Hands on- ArrangementAssembling of Transmission with crank and Piston arrangement	Mr.B.Manickraj (External)
4	Day 4 (09-02-23)	09.00 – 10.45	Hands on Session On- Assembling of Transmission with crank and Piston arrangement(Body assembly	Mr.B.Manickraj (External)
		11.15 – 12.35	Guest lecture On-Head and Cylinder bore arrangement Introduction	Mr.S.Karthik / AP
		01.30 – 03.10	Hands on - Assembly and dismantle of Head, bore, fuel	Mr.B.Manickraj (External)

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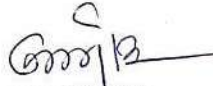
COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated by Anna University, Chennai)
27, Thayanur, Trichy - 620009

Submitted to The Principal

1.	Department	CARE-MECH
2.	Title of the Event	A Five Day's Value Added Courses on "Dismantling and Assembly of 2 & 4 Stroke Petrol Engine"
3.	Date and duration of the Event	6th Feb' 23 to 10th Feb' 23 / 8 hours per day
4.	Event Management Team	1) Mr.P.DineshKumar/AP/Mech 2) Mr.S.Karthik/AP/Mech
5.	Target Audience	II Year & Final Year Mechanical Students (Internal)
6.	Name of the Conveners	Dr.D.R.Rajkumar/HoD/Mech
7.	What are the benefits to the faculty?	Faculty members shall enrich the research ideas and concepts in modern technologies.
8.	What are the benefits to the students/ Faculty/ Scholars?	Students get exposed to enhanced technologies and get an opportunity to interact with other Scholars, Faculty and Student members.
9.	Details of Financial commitment by CARE College of Engineering (If any)	Commitment for the College.
10.	Signature of the faculty in-charge with date	 & 

Permission may please be granted to organize the above-mentioned A Five Day's Value added Courses on "Dismantling and Assembly of 2 & 4 Stroke Petrol Engine" for Second and Final year mechanical engineering students.



HOD/MECH

Date: 01/02/23


18.2.23
PRINCIPAL

PRINCIPAL
CARE COLLEGE OF ENGINEERING
No. 27, Thayanur, Trichy-620 009.

GUEST LECTURE:



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2, Thayyanoor, Trichy - 620009

Department of Electronics and Communication Engineering
Guest Lecture Schedule - Odd sem 2022-23

S.No	NAME OF THE STAFF	DEPT	YEAR/ SEM	SUB CODE	SUBJECT	Title	Date & Timing	Resource Person Name with Designation	Proof Link (Report with Photos)
1	Dr.J.Jeyarani	ECE	III/V	EC8553	Discrete-Time Signal Processing	Real time application on DSP	19.10.2022 & 2.00 PM	Dr.G.Gandhimathi, Assistant Professor, SRM-TRP Engineering College, Trichy	https://docs.google.com/document/d/1MejvD_6Lh0rRqLdAYfSEi0Vv1zqLpcedi7usp-share_link&mid=10886897360721607282&rlid=trn&sd=true
2	Ms.R.Deepalakshmi	ECE	IV/VII	EC8791	Embedded and Real Time Systems	Embedded Systems - Industrial Applications	14.10.2022 & 02.00 PM	Ms.B.Janani Assistant System Engineer, TCS, Sipcot IT Park, Chennai	https://drive.google.com/drive/folders/7oIkKEmdL4891vPzpf0T10vFw8Adr1DX11
3	Ms.R.Vanitha	ECE	II/III	EC8382	Signals and Systems	Signal and System an overview and its applications	16.11.2022 & 2.30 PM	Dr.B.Ramasubramanyam, JOD/ECE Associate Professor, SRM-TRP Engineering College, Trichy	https://drive.google.com/drive/folders/1f5NNoje2d2q4lepY0xE9WEJm9-76eBtG
4	Ms. M.Shivashankari	ECE	IV/VII	EC8701	Antennas and Microwave Engineer	RF & Microwave Amplifier Design	7.11.2022 & 10.00 AM	Mrs.R.Annapoorni, Asst.Prof, ECE,MAMCET, Trichy	https://drive.google.com/drive/folders/1f09nYQERkQUmsKJ1Ej4j0B2yoG2KR3G2usp-share_link
		ECE	II/III	EC3352	Digital Systems Design (DSD)	Asynchronous Sequential circuits	14.11.2022 11 to 12.30 p.m	Dr.K.Pandirani, Professor Kalisailangam University, Virudhunagar	https://drive.google.com/drive/folders/1f1Pw11_d0edp1r8r5r0Y2_EqjHa_B5_9z2usp-share_link
5	Ms.R.Elavarasi	ECE	IV/VII	EC8751	Optical Communication	"Optical Networks- SDH/SDH and Optical Measurement Techniques	17.10.2022 & 1.30pm	Mr.S.Sendhil Rajan, A/P/ECE, Sri Venkateswara College of Engineering, Sripocumbadar	https://drive.google.com/drive/folders/1MfrZ7u2C7uqsw4GnK1ugEE71WXSaM4ppV7usp-share_link
6	Mrs.J.S.Junin	CSE	III/V	EC8691	Microprocessors and Microcontroll	Microprocessors and Microcontrollers	18.10.2022 & 3.00 PM	Mr.G.Parameshwaran, A/P/ECE SRM-TRP Engineering College, Trichy	https://drive.google.com/drive/folders/1O3plqNwYpms1U4F3NeUqAys1T32Yckx6d10asp-share&mid=10886857360721607282&rlid=trn&sd=true

J. Jeyarani

HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

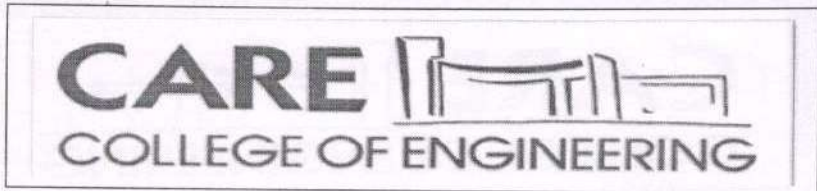
CARE

COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to Anna University, Chennai)
(Approved by NAAC with 'A' Grade)

DEPARTMENT OF ECE GUEST LECTURE SCHEDULE Academic year 2022-2023

S.NO.	DATE	TITLE	RESOURCE PERSON
1	14.10.2022	Guest lecture on "Embedded Systems – Industrial Application	Ms. B.Janani, Assistant system Engineer, TCS , Chennai.
2	19.10.2022	Guest lecture on "Real time Application on DSP "	Ms. Gandhimathi, Assistant Professor, SRM TRP Engineering College.
3	17.10.2022	Guest lecture on "Optical Networks-SONET/SDH and Optical Measurement Techniques"	Mr. S.Senthil Rajan, AP/ECE, sri venkateswara college of engineering and technology sriperumbudur
4	18.10.2022	Guest lecture on Microprocessors 8086 & Microcontrollers 8051	Mr.G.Parameswaran , Assistant Professor/ECE, SRM TRP Engineering College
5	16.11.2022	Guest lecture on Signals and systems	Dr.Ramasubraminan, Associate Professor, HoD/ECE, SRM TRP Engineering College, Trichy.
6	7.11.2022	Stub matching using smith chart	Mrs.R.Annapoorani,MAMCET
7	14.11.22	Fundamental Mode and Pulse mode sequential circuits	Dr.K.Pandiaraj,Kalasalingam Academy of Research and Education
8	17.2.2023	Block Chain Application beyond CYPTO Currencies	Navdeep Singh Sidana Freelancer Trainer NSE Academy
9	14.03.2023	Guest lecture on real time application on DSP	Ms.M.Rekha, Asst. Professor, Dhanalakshmi Srinivasan Engg college, Perambalur.
10	18.3.23	Guest lecture on Channel Coding Theorem	Dr.B.Karthiga, Associate Professor, Dhanalakshmi Srinivasan Engg college,Perambalur.
11	29.3.23	Guest Lecture on wireless communication	Dr.Roseline Suganthi,Assistant Professor,K.Ramakrishna College of Enginnering,Samayapuram,Trichy.
12	18.4.2023	EC8651-TRANSMISSION LINES AND WAVEGUIDES	MS.ROJA. VPMRF Scholar, Department of ECE, NIT, Trichy.



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**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

Guest Lecture Report on “Embedded Systems: Industrial Applications”

15 OCT 2022

Resource Person

Ms.Janani

Assistant System Engineer, TCS,

Chennai

J. Janani
HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

Total no. of students attended : 08 (IV ECE)

Total no. of faculty attended : 8

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**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

**Guest Lecture
Report on
“Real –Time
Applications on
DSP”**

19 OCT 2022

Resource Person

Dr.G.Gandhimathi,
SRM-TRP Engineering College,
Trichy


HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

Total no. of students attended : 11 (III ECE)

Total no. of faculty attended : 9

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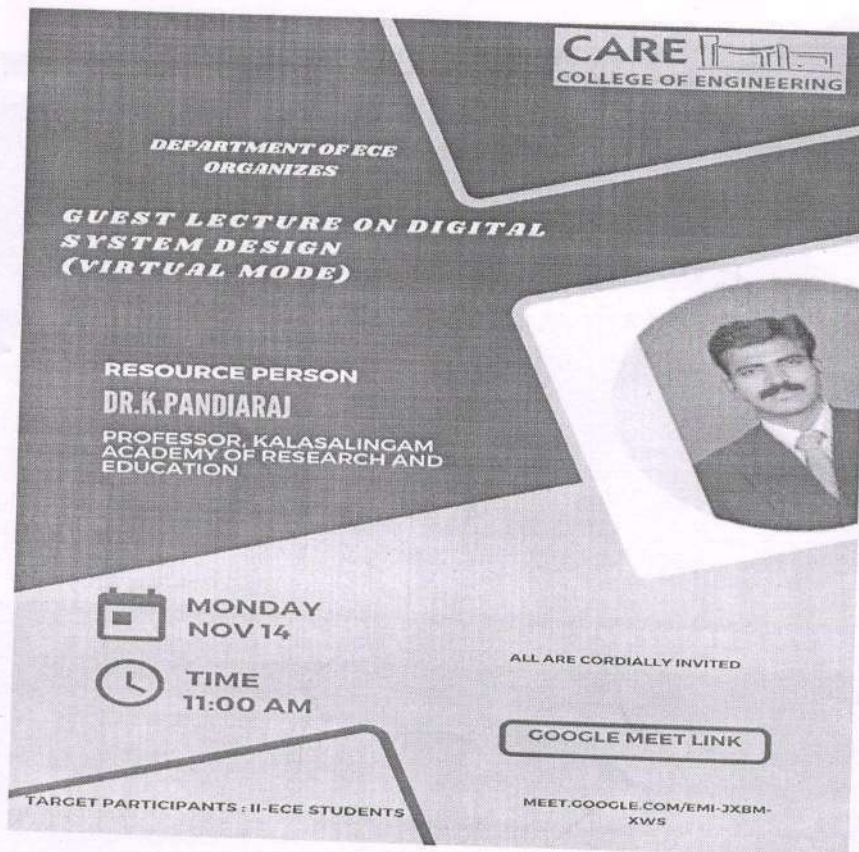
27, Thayanur, Trichy - 620009


DEPARTMENT OF ECE

GUEST LECTURE REPORT

TOPIC: FUNDAMENTAL MODE AND PULSE MODE SEQUENTIAL
CIRCUITS

Date: 14.11.2022, 11.00A.M





CARE 
COLLEGE OF ENGINEERING


DEPARTMENT OF ECE
ORGANIZES

**GUEST LECTURE ON DIGITAL
SYSTEM DESIGN
(VIRTUAL MODE)**

RESOURCE PERSON
DR.K.PANDIARAJ
PROFESSOR, KALASALINGAM
ACADEMY OF RESEARCH AND
EDUCATION



 **MONDAY
NOV 14**

 **TIME
11:00 AM**

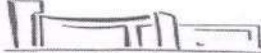
ALL ARE CORDIALLY INVITED

GOOGLE MEET LINK

MEET.GOOGLE.COM/EMI-JXBM-
XWS

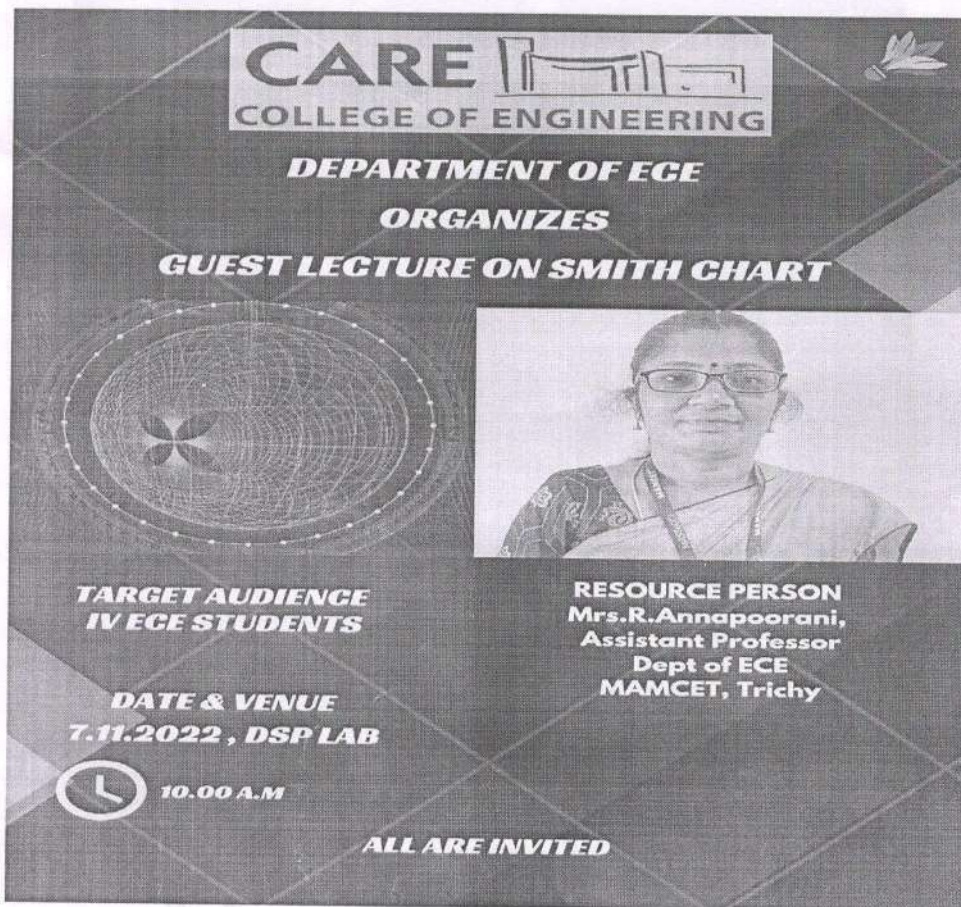
TARGET PARTICIPANTS : II-ECE STUDENTS

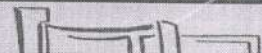
J. Jeyaraj
HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

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DEPARTMENT OF ECE
GUEST LECTURE REPORT
TOPIC: Stub Matching Using Smith Chart

Date: 7.11.2022, 10.a.m




CARE 
COLLEGE OF ENGINEERING

DEPARTMENT OF ECE
ORGANIZES
GUEST LECTURE ON SMITH CHART

TARGET AUDIENCE
IV ECE STUDENTS

DATE & VENUE
7.11.2022 , DSP LAB

 **10.00 A.M**

RESOURCE PERSON
Mrs.R.Annapoorani,
Assistant Professor
Dept of ECE
MAMCET, Trichy

ALL ARE INVITED


HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

CARE 
COLLEGE OF ENGINEERING
Certificate

Of Appreciation

MOMENTO OF HONOR PRESENTED TO



Mr. S. Senthil Rajan

Assistant Professor, SVCE, Sriperumbudur

AS RESOURCE PERSON

*ON THE OCCASION
OF*

**Guest Lecture on "Optical Measurements
and Networks"**

ORGANIZED BY
**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING**

HELD ON
17th October 2022 at 1.30 pm

J. Jeyarani

**Dr. J. Jeyarani
Head of the Department**

S. Shanthi
**Dr. S. Shanthi
Principal**

J. Jeyarani
HEAD
Department of Electronics and Communication Engg
CARE College of Engineering
Trichy-620 003

INVITATION

CARE 
COLLEGE OF ENGINEERING

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
GUEST LECTURE ON OPTICAL MEASUREMENTS
AND NETWORKS**



S.Senthil Rajan M.E.,MBA,M.Phil

AP/ECE, SRI VENKATESWARA COLLEGE OF
ENGINEERING, SRIPERUMBUDUR



17th Oct 2022

AT 1.30 PM

ARE CORDIALLY INVITED


HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

INVITATION



CARE
COLLEGE OF ENGINEERING


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

Department of Electronics & Communication
Engineering
organises

Guest Lecture


on


Signals and System



Chief Guest

Dr. RAMASUBRAMANIAN B
ASSOCIATE PROFESSOR &
HoD/ECE
SRM TRP Engineering
College, Trichy



 16 November 2022 @ 2.30 PM


HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

INVITATION

CARE 
COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi | Affiliated to Anna University Chennai
27, Thayanur, Trichy - 620 009.

DEPARTMENT OF ECE

organizes

GUEST LECTURE ON
"CONTROL SYSTEM ENGINEERING"

RESOURCE PERSON

Mr.P.Manikandan,
SRM-TRP Engineering College

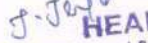
DATE: 20/12/2022

TIME : 9.30AM-12.30 PM

VENUE: DSP LAB

Total no. of students attended: 24(II year)

Total no. of faculty attended: 8


HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

INVITATION

CARE 
COLLEGE OF ENGINEERING

ECE Department

Online Guest Lecture

Resource Person

Mr.G.Parameswaran

Assistant Professor/ECE
SRM TRP Engineering College,
Trichy



Time : 3.00PM

Date
18.10.2022

Topic " Microprocessors & Microcontrollers

Participants

III CSE Students

All are Cordially Invited

Made with  Canva.com

J. Jeyan
HEAD

Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

PARTICIPATIVE LEARNING

We always strive to enhance the learning experience of learners in class through various interactive and participatory approaches. Approaches used are,

- **Collaborative learning:** Students learn and discuss in groups. Groups are formed with the combination of bright (A), average (B) and weak (C) students. So that they can learn and motivate themselves.
- **Peer Tutoring:** Recognizing the efficacy of peer learning, student groups are formed and transfer of knowledge through such student team members is encouraged and facilitated.







SKILL LYNC

CERTIFICATE OF PARTICIPATION



B. NELSONRAMKUMAR

for attending the bootcamp on

Fundamentals of BIW

18 Feb 2022

Date:

SURYANARAYANAN P

Program Director

Certificate UID : wg9s2d85l

COLLABORATIVE LEARNING:
i)ABC ANALYSIS



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2022-2023 (EVEN)


ABC Analysis


YEAR/SEM: III/VI

BATCH: 2020-2024

Category	Roll / Reg. No.	Name
A	810720106001	AFROSE JAMILA M
	810720106003	BALAMURUGAN K
	810720106007	KANCHU LOKESH
	810720106008	KRISHNAMOORTHY S
B	810720106002	ANANDHACHANDRU D
	810720106005	GOKUL R
	810720106010	VIGNESHWARAN G
C	810720106004	GADIREDDY SAMEERA
	810720106006	JANCY RANI R
	810720106301	DINESH KUMAR M
	810720106302	NITHISH D


R. Elavarasi
Mentor/Class Advisor


Dr. J. Jeyarani
HOD
HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

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Department of Electronics and Communication Engineering
Academic Year:2022-2023(EVEN)


ABC ANALYSIS

Year / Sem : II/IV

Batch : 2021-25

CATEGORY	REGISTER NUMBER	NAME
A	810721106004	DHARUNIKA M
	810721106005	DIVYADHARSHINI G
	810721106009	KAYAL VIZHI R
	810721106011	MEGANATH V
	810721106012	NOVA AROCKIA RAJ V
	810721106013	REGAN RUSOUL L
	810721106016	SAMRUTH SRIRAM D
B	810721106002	AROCKIYA JAYARAJ S
	810721106003	CHARUKESI S
	810721106001	ARASU C
	810721106008	HELEN PRICILLA X
	810721106015	SAKTHIVEL N
	810721106017	SANTHOSH K
	810721106020	SUDHARSAN R
	810721106025	UMAMAGESHWARI K
	810721106022	SURIYAPRABU P
	810721106006	ESWARAMOORTHIM
C	810721106007	HANISH K A
	810721106010	KOWSIKA S
	810721106014	RIYAZ KHAN S
	810721106018	SIVAGANAPATHY R
	810721106019	SUBHIKSHA S
	810721106021	SUJITHA R
	810721106024	THARUNIKA M E


Class Co-ordinator


HOD/ECE
HEAD
Dept. of Electronics and Communication Engg
CARE College of Engineering
Trichy-620 009


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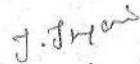
COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to Anna University, Chennai)
27, Thayanur, Trichy - 620009

DEPARTMENT OF ECE ABC Analysis

Category	Roll / Reg. No.	Name
A	810719106001	Adithya P
	810719106008	Raja Rajeswari S
	810719106005	Gunasekaran S
B	810719106006	Nishanth K
	810719106009	Vije R
	810719106003	Citybabu M
C	810719106004	Dhinakaran S


M. Shiva Shankari
Mentor/Class Advisor


Dr. J. Jeyarani
HOD

HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

ii) Group Learning:

CARE

COLLEGE OF ENGINEERING

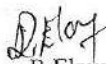
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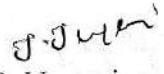
DEPARTMENT OF ECE


Group Namelist

Academic Year:2022-23

Batch:		2020-2024	
Degree:	B.E./ B.TECH	Branch:	ECE
S.No.	Group	Register No.	Student Name
1	A	810720106001	Afroze Jamila M
2		810720106002	Anandhachandru D
3		810720106003	Balamurugan K
4		810720106007	Kanchu Lokesh
5		810720106008	Krishnamoorthi S
6	B	810720106004	Gadireddy Sameera
7		810720106005	Gokul R
8		810720106006	Jancy Rani R
9		810720106010	Vigneshwaran G
10	C	810720106301	Dinesh Kumar M
11		810720106302	Nithish D


R. Elavarasi
Class Co-ordinator


Dr. J. Jeyarani
HOD
HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

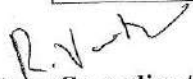
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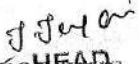
Department of Electronics and Communication Engineering
Academic Year:2022-2023(EVEN)

Group Name List

Academic Year : 2022-23

Batch:		2021-2025	
Degree:	B.E./B.TECH	Branch:	ECE
S.No.	Group	Register No.	Student Name
1	A	810721106004	DHARUNIKA M
2		810721106005	DIVYADHARSHINI G
3		810721106009	KAYAL VIZHI R
4		810721106011	MEGANATH V
5		810721106012	NOVA AROCKIA RAJ V
6		810721106013	REEGAN RUSOUL L
7		810721106016	SAMRUTH SRIRAM D
8	B	810721106002	AROCKIYA JAYARAJ S
9		810721106003	CHARUKESI S
10		810721106001	ARASU C
11		810721106008	HELEN PRICILLA X
12		810721106015	SAKTHIVEL N
13		810721106017	SANTHOSH K
14		810721106020	SUDHARSAN R
15	C	810721106025	UMAMAGESHWARI K
16		810721106022	SURIYAPRABU P
17		810721106006	ESWARAMOORTHI M
18		810721106007	HANISH K A
19		810721106010	KOWSIKA S
20		810721106014	RIYAZ KHAN S
21		810721106018	SIVAGANAPATHY R
22	810721106019	SUBHIKSHA S	
23	810721106021	SUJITHA R	
24	810721106024	THARUNIKA M E	


 Class Co-ordinator


HOD/ECE
 Dept. of Electronics and Communication En
 CARE College of Engineering
 Trichy-620 009

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
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DEPARTMENT OF ECE

Group Namelist

Academic Year:2022-23


Batch:		2019-2023	
Degree:	B.E./ B.TECH	Branch:	ECE
S.No.	Group	Register No.	Student Name
1	A	810719106001	Adithya P
2		810719106008	Raja Rajeswari S
3		810719106005	Gunasekaran S
4	B	810719106006	Nishanth K
5		810719106009	Vije R
6		810719106003	Citybabu M
7		810719106002	Ajaykumar
8	C	810719106004	Dhinakaran S


M. Shiva Shankari
Class Co-ordinator


Dr. J. Jeyarani
HOD


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Tutorials:

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Department of Electronics and Communication Engineering
Academic Year:2022-2023(EVEN)
EC3492-Digital Signal Processing
Tutorial Attendance
Year / Sem : II/IV Sem

Sl.No.	REGISTER NUMBER	NAME	Attendance 04.04.2023
1	810721106001	ARASU C	AB
2	810721106002	AROCKIYA JAYARAJ S	P
3	810721106003	CHARUKESI S	P
4	810721106004	DHARUNIKA M	AB
5	810721106005	DIVYADHARSHINI G	P
6	810721106006	ESWARAMOORTHY M	P
7	810721106007	HANISH K A	P
8	810721106008	HELEN PRICILLA X	P
9	810721106009	KAYAL VIZHI R	P
10	810721106010	KOWSIKA S	AB
11	810721106011	MEGANATH V	P
12	810721106012	NOVA AROCKIA RAJ V	P
13	810721106013	REEGAN RUSOUL L	P
14	810721106014	RIYAZ KHAN S	P
15	810721106015	SAKTHIVEL N	P
16	810721106016	SAMRUTH SRIRAM D	P
17	810721106017	SANTHOSH K	P
18	810721106018	SIVAGANAPATHY R	P
19	810721106019	SUBHIKSHA S	P
20	810721106020	SUDHARSAN R	P
21	810721106021	SUJITHA R	P
22	810721106022	SURIYAPRABU P	P
23	810721106024	THARUNIKA M E	P
24	810721106025	UMAMAGESHWARI K	P


 Faculty


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Department of Electronics and Communication Engineering
Academic Year:2022-2023(EVEN)
EC8651-Transmission Lines and RF systems
Tutorial Attendance
Year / Sem : III/VI Sem

Sl.No.	REGISTER NUMBER	NAME	Attendance 04.04.2023
1	810720106001	AFROSE JAMILA.M	P
2	810720106002	ANANDHACHANDRU.D	P
3	810720106003	BALAMURUGAN.K	P
4	810720106004	GADIREDDY SAMEERA	P
5	810720106005	GOKUL.R	P
6	810720106006	JANCY RANLR	P
7	810720106007	KANCHU LOKESH	AB
8	810720106008	KRISHNAMOORTHIS	P
9	810720106010	VIGNESHWARAN.G	P
10	810720106301	DINESH KUMAR.M	P
11	810720106302	NITHISH.D	P

Notes
Faculty

J. J. M.
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Dept. of Electronics and Communication Engg.
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2021-2022 EVEN SEMESTER
REVISION TIMETABLE (25.05.2022 to 31.05.2022)

Date & Day	II Year		III Year		IV Year	
	FN	AN	FN	AN	FN	AN
25.05.2022 - Wednesday	MA8451 - Probability and Random Processes	GE8291 - Environmental Science and Engineering	EC8651 - Transmission Lines and RF Systems	EC8652 - Wireless Communication	GE8076 - Professional Ethics in Engineering	
26.05.2022 - Thursday	EC8453 - Linear Integrated Circuits	EC8452 - Electronic Circuits II	EC8002 - Multimedia Compression and Communication	EC8691 - Microprocessors and Microcontrollers	EC8094 - Satellite Communication	
27.05.2022 - Friday	EC8451 - Electromagnetic Fields	EC8491 - Communication Theory	EC8095 - VLSI Design	EC8651 - Transmission Lines and RF Systems	GE8076 - Professional Ethics in Engineering	
28.05.2022 - Saturday	GE8291 - Environmental Science and Engineering	MA8451 - Probability and Random Processes	EC8652 - Wireless Communication	EC8651 - Transmission Lines and RF Systems	EC8094 - Satellite Communication	
30.05.2022 - Monday	EC8452 - Electronic Circuits II	EC8453 - Linear Integrated Circuits	EC8691 - Microprocessors and Microcontrollers	EC8002 - Multimedia Compression and Communication	*****	
31.05.2022 - Tuesday	EC8491 - Communication Theory	EC8451 - Electromagnetic Fields	EC8651 - Transmission Lines and RF Systems	EC8095 - VLSI Design	*****	

Subject Name

Faculty Incharges

Linear Integrated Circuits	Ms.R.Vanitha
Electronic Circuits II	Ms.R.Deepalakshmi
Electromagnetic Fields	Mr.S.Sriram Sundar
Communication Theory	Ms.J.Jecintha
Transmission Lines and RF Systems	Dr.J.Jeyarant
Wireless Communication	Ms.M.Shiva Shankari
Microprocessors and Microcontrollers	Ms.R.Deepalakshmi
VLSI Design	Mr.S.Sriram Sundar

J. Jeyarant
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Department of ECE

Tutorial Problems

Branch: ECE Year: II Sem: IV Batch: 2021-2025

Course Code & Name: EC3492-Digital Signal Processing

Faculty In-charge: Mrs. J.S.Jenin

Tutorial Questions

1. Define Bilinear Transformation. (K1)
2. What is warping effect? (K1)
3. State Gibb's phenomenon. (K1)
4. Compare frequency response of odd and even low pass filter. (K1)
5. Draw the diagram of Direct form 1 and Direct form 2. (K1)
6. What are the properties of FIR filter? (K1)
7. What is the disadvantages of direct form realization using IIR filter? (K1)
8. State the effect of abrupt discontinuity. (K1)
9. Draw the direct form implementation of FIR filter. (K2)
10. What are the desirable characteristics of window? (K1)

11. Apply Bilinear transformation for the following function for $T=0.1$ sec $H(S)=\frac{2}{(s+3)(s+2)}$ (K3)

12. Determine the transfer function $H(z)$ from the following equation $H(S)=\frac{2}{(s+1)(s+2)}$ (K3)


13. Design an ideal high pass filter with a given frequency response using a hanning window for

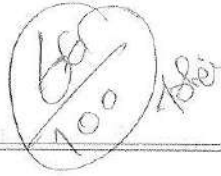
$$H_d(e^{j\omega}) = 1, \frac{\pi}{4} < \omega < \pi$$

$$= 0, \text{ otherwise} \quad (K3)$$

14. Design a filter using a Hamming window with $N=7$.

$$H_d(e^{j\omega}) = e^{-j3\omega}, -\frac{\pi}{4} < \omega < \frac{\pi}{4}$$
$$= 0, \frac{\pi}{4} < \omega < \pi \quad (K3)$$


Faculty In-Charge



PART - A

1. What is bilinear transformation? What are the main advantages and disadvantages of this technique.

It is standard method of mapping s or analog plane into z or digital plane.

Adv: * Mapping is one to one.

* No aliasing effect

Disadv: * Frequency warping

$$s = \frac{\Omega}{T} \left(\frac{1-z^{-1}}{1+z^{-1}} \right)$$

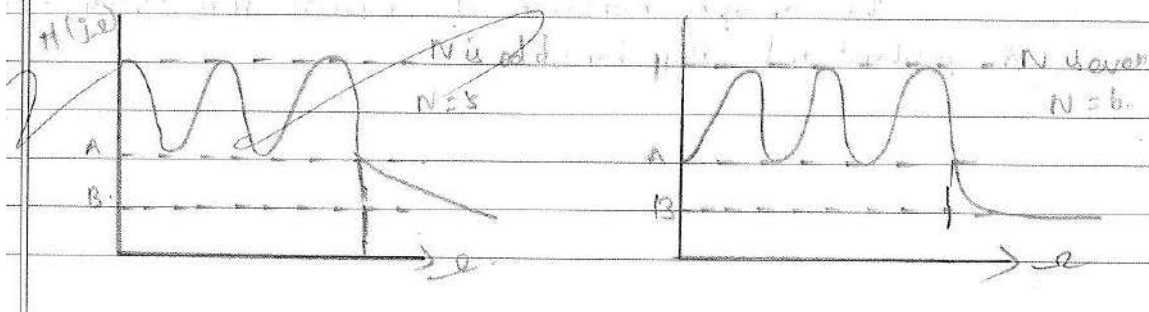
2. What is known as the warping effect:-

It is the process where one spectral representation on certain frequency scale of resolution is transformed to another representation on a new frequency scale.

3. State Gibbs's phenomenon:-

Truncating the impulse response introduces undesirable ripples and overshoots in frequency response this effect is known as Gibbs's phenomenon.

4. Sketch the frequency of an odd and even order chebyshev low pass filter



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Department of ECE

Tutorial Problems

Branch: ECE Year: III Sem: VI Batch: 2020-2024

Course Code & Name: EC8651-Transmission Lines and RF Systems

Faculty In-charge: Mrs. J.S.Jenin

Tutorial Questions

1. Define stub. (K1)
2. Draw the diagram of single stub. (K2)
3. If characteristic impedance of 75Ω and load impedance is $100-j80\Omega$ and find the length of stub. (K2)
4. Difference between single stub and double stub. (K1)
5. Why short circuit is preferred over open circuits? (K2)
6. Define dominant mode in transverse electric line. (K1)
7. Define cut off frequency. (K1)
8. What is the formula to calculate guided wavelength, phase velocity? (K2)
9. A UHF transmission line working at 1GHz is connected to an unmatched line producing a voltage reflection coefficient of $0.5(0.866+j0.5)$. Calculate the length and position of the stub to match the line (K3)
10. A 50Ω lossless transmission line is terminated in load impedance of $Z_L=25+j50\Omega$. Use the Smith chart to find i) Voltage reflection coefficient ii) VSWR iii) Input impedance of the line, given and the line is 3.3λ long and iv) Input admittance of the line. (K3)
11. A wave is propagated in a parallel plane waveguide. The operating frequency is 6 GHz and plane separation is 0.03m. For dominant mode, find the following $\lambda_g, \lambda_c, V_p, V_g$. (K3)
12. Derive the field components of TE waves of a Rectangular waveguide. (K3)
13. Explain double stub matching on a transmission line. Write the procedure to find the impedance from the given admittance using smith chart. (K2)

J.S.Jenin
Faculty In-Charge

23

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100
10/10

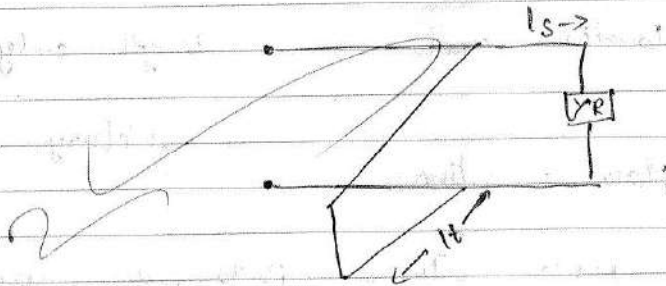
Stub:

For impedance matching we are using open short circuited line of suitable length called

Stub:

For impedance matching it is used.

Diagram of single stub:



3. $Z_0 = 75 \Omega$, $Z_R = 100 - j80 \Omega$ find the length of stub.

Solu:-

$$l_t = \frac{1}{2\pi} \tan^{-1} \left(\frac{\sqrt{Z_R}}{Z_0} \right)$$

$$\Rightarrow \frac{0.3}{2 \times 2.14} \tan^{-1} \left(\sqrt{\frac{100 - j80}{75}} \right)$$

$$\Rightarrow 0.3 / 6.28 \tan^{-1} \left(\sqrt{\frac{100 - j80}{75}} \right)$$

$$\Rightarrow 0.0477 \tan^{-1} (1.33 - j1.142)$$

$$\Rightarrow 0.0477 \times 10.647 \Rightarrow 0.5008 \lambda$$

$$f = 1 \text{ GHz}$$

$$d = c/f \Rightarrow \frac{3 \times 10^8}{1 \times 10^9}$$

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Advanced Learners List (AY 2022 - 2023) ODD SEM

Faculty Co-ordinator:		Mrs.R.Vanitha, Ms.S.Dhiyya, Mrs.M.Shiva Shankari			
Branch:ECE		ECE			
S. No.	Roll No.	Reg. No.	Student Name	Batch	Class
1	B21EC015	810721106016	SAMRUTH SRIRAM D	2021	II ECE
2	B21EC007	810721106008	HELEN PRICILLA X	2021	II ECE
3	B21EC008	810721106009	KAYAL VIZHI R	2021	II ECE
4	B20EC007	810720106007	KANCHU LOKESH	2020	III ECE
5	B20EC004	810720106004	GADI REDDY SAMEERA	2020	III ECE
6	B20EC001	810720106001	M.AFROSE JAMILA	2020	III ECE
7	B19EC008	810719106008	RAJARAJESWARI.S	2019	IV ECE
8	B19EC001	810719106001	ADITHYA.P	2019	IV ECE
9	B19EC009	810719106005	NISHANTH.K	2019	IV ECE

J.J.M
HOD/ECE

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(Approved by NAAC with 'A' Grade)

27, Thayanur, Trichy - 620009

Advanced Learners List (AY 2022 - 2023) EVEN SEM

Faculty Co-ordinator:		Mrs.R.Vanitha, Ms.S.Dhivya, Mrs.M.Shiya Shankari			
Branch:ECE		ECE			
S. No.	Roll No.	Reg. No.	Student Name	Batch	Class
1	B21EC015	810721106016	SAMRUTH SRIRAM D	2021	II ECE
2	B21EC007	810721106008	HELEN PRICILLA X	2021	II ECE
3	B21EC008	810721106009	KAYAL VIZHIR	2021	II ECE
4	B20EC007	810720106007	KANCHU LOKESH	2020	III ECE
5	B20EC004	810720106004	GADI REDDY SAMEERA	2020	III ECE
6	B20EC001	810720106001	M.AFROSE JAMILA	2020	III ECE
7	B19EC008	810719106008	RAJARAJESWARLS	2019	IV ECE
8	B19EC001	810719106001	ADITHYA.P	2019	IV ECE
9	B19EC009	810719106005	NISHANTH.K	2019	IV ECE

J J M
HOD/ECE
HEAD
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CARE College of Engineering
Trichy-620 009


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No 27 Thayanur, Trichy 620 009

Students Participating in the Workshop on Automation: Impact of Internet of Things

Sl. No.	Name of the Student	Roll No.	Branch	Year	Grade	Signature	Date
1	AFROSE JAMILA M	19E02001	ECE	III	B		30.01.2023
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
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18							
19							
20							


 Head, CoE in Manufacturing
 CARE College of Engineering
 Tiruchirappalli



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No 27 Thayanur, Trichy 620 009

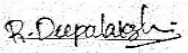


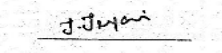
CERTIFICATE OF PARTICIPATION

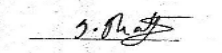
This is to certify that

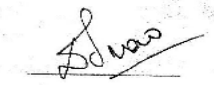
Mr. / Ms. AFROSE JAMILA M , III- ECE

has participated in "A Five Day Workshop on Automation: Impact of Internet of Things" jointly organised by the Department of Electronics and Communication Engineering, CARE College of Engineering, Tiruchirappalli and CoE in Manufacturing - NIT Tiruchirappalli from 30.01.2023 to 03.02.2023 for a duration of 40 Hours


 Mrs. R. Deepalakshmi
 Coordinator
 CARE College of Engineering
 Tiruchirappalli


 Dr. J. Jayarani
 HOD, ECE
 CARE College of Engineering
 Tiruchirappalli


 Dr. S. Shanthi
 Principal
 CARE College of Engineering
 Tiruchirappalli


 Dr. D. Sriram Kumar
 Head, CoE in Manufacturing
 NIT Tiruchirappalli



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This is to certify that

Mr / Ms. VIVEKANANDHAN G. III YEAR / ECE

has participated in "A Five Day Workshop on Automation: Impact of Internet of Things" jointly organised by the Department of Electronics and Communication Engineering, CARE College of Engineering, Tiruchirappalli and CoE in Manufacturing - NIT Tiruchirappalli from 30.01.2023 to 03.02.2023 for a duration of 40 Hours.


Mr. S. Senthil Kumar
Head, Department of Electronics and Communication Engineering
CARE College of Engineering
Tiruchirappalli


Dr. J. Jayaram
Vice-Chancellor
CARE College of Engineering
Tiruchirappalli

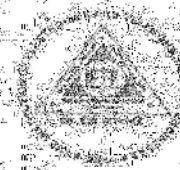

Dr. S. Senthil
Principal
Department of Electronics and Communication Engineering
NIT Tiruchirappalli


Dr. Senthil Kumar
Head, CoE in Manufacturing
NIT Tiruchirappalli



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has participated in "A Five Day Workshop on Automation: Impact of Internet of Things" jointly organised by the Department of Electronics and Communication Engineering, CARE College of Engineering, Tiruchirappalli and CoE in Manufacturing - NIT Tiruchirappalli from 30.01.2023 to 03.02.2023 for a duration of 40 Hours.


Mr. S. Senthil Kumar
Head, Department of Electronics and Communication Engineering
CARE College of Engineering
Tiruchirappalli


Dr. J. Jayaram
Vice-Chancellor
CARE College of Engineering
Tiruchirappalli


Dr. S. Senthil
Principal
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Dr. Senthil Kumar
Head, CoE in Manufacturing
NIT Tiruchirappalli



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has participated in "A Five Day Workshop on Automation: Impact of Internet of Things" jointly organised by the Department of Electronics and Communication Engineering, CARE College of Engineering, Tiruchirappalli and CoE in Manufacturing - NIT Tiruchirappalli from 30.01.2023 to 03.02.2023 for a duration of 40 Hours

R. Deepalakshmi

Mrs. R. Deepalakshmi
Coordinator
CARE College of Engineering
Tiruchirappalli

J. Jayaram

Dr. J. Jayaram
HOD, ECE
CARE College of Engineering
Tiruchirappalli

S. Shanthi

Dr. S. Shanthi
Principal
CARE College of Engineering
Tiruchirappalli

Dr. D. Sriram Kumar

Dr. D. Sriram Kumar
Head, CoE in Manufacturing
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ANANDCHANDRU.D , III - ECE

has participated in "A Five Day Workshop on Automation: Impact of Internet of Things" jointly organised by the Department of Electronics and Communication Engineering, CARE College of Engineering, Tiruchirappalli and CoE in Manufacturing - NIT Tiruchirappalli from 30.01.2023 to 03.02.2023 for a duration of 40 Hours

R. Deepalakshmi

Mrs. R. Deepalakshmi
Coordinator
CARE College of Engineering
Tiruchirappalli

J. Jayaram

Dr. J. Jayaram
HOD, ECE
CARE College of Engineering
Tiruchirappalli

S. Shanthi

Dr. S. Shanthi
Principal
CARE College of Engineering
Tiruchirappalli

Dr. D. Sriram Kumar

Dr. D. Sriram Kumar
Head, CoE in Manufacturing
NIT Tiruchirappalli



Oct 7, 2022

KANCHU.LOKESH

has successfully completed

Data Visualization using Plotly

an online non-credit project authorized by Coursera Project Network and offered through Coursera

PROJECT
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Post
Kanchu Lokesh
Subject Manager
Coursera Project Network

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<https://coursera.org/verify/8E91437D1214>
Coursera has confirmed the identity of this individual and their participation in the project.



Oct 7, 2022

KANCHU.LOKESH

has successfully completed

Linear Regression with NumPy and Python

an online non-credit project authorized by Coursera Project Network and offered through Coursera

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Kanchu Lokesh
Subject Manager
Coursera Project Network

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Coursera has confirmed the identity of this individual and their participation in the project.



Adithya

is here by awarded the certificate of achievement
for the successful completion of

AI for Women

M. Arunprakash

Founder and CEO,
GUVI Geek Networks.

Certificate issued on: March 15 2023

Verified certificate ID: 6u78jw5s4e486U581V

Verify certificate at: www.guvi.in/certificate?id=6u78jw5s4e486U581V



Certificate Details

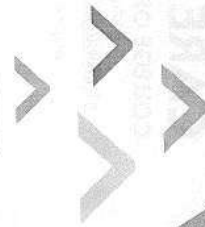
Candidate Name	Adithya P
Assessment/Course Name	IoT Foundation Course (SFI201)
Date of Issue	20/04/2023
Certification ID	FSP/2023/4/3414110
Category Gold >=70% / Silver 60%-69% / Bronze 50%-59%	Gold



FSP/2023/4/3414110

Assessment Score

Module Name/NOS ID	NSQF Level	Maximum Marks	Marks Obtained	Percentage
M001	5	10.00	6.00	60.00
M002	5	25.00	18.00	72.00
M003	5	25.00	19.00	76.00
M004	5	20.00	20.00	100.00
M005	5	20.00	18.00	90.00
Total		100.00	81.00	81.00



GOLD

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This is to certify that

ADITHYA P

has successfully cleared the assessment on
IoT Foundation Course (SFI201)

Aligned to Competency Standards developed by IT-ITeS Sector Skills Council
NASSCOM in collaboration with Industry and approved by Government.



FDI2020/AD14110

20/04/2023
Date of issue

Kish Sethi
CEO, IT-ITeS Sector Skills Council
NASSCOM

Gold Category: 70% and above scores
Detailed Scorecard included

 OpenWeaver

CERTIFICATE OF PARTICIPATION

ADITHYA P

Has successfully completed 'Basics of HTML/CSS for
Beginners' Training.

5th-Apr-2023
Date

Pooja Agrawal
Pooja Agrawal
Instructor

This is to certify that

ADITHYA P

has successfully completed the assessment on

HTML CERTIFICATION

09/04/2023

DATE

Dr. Edward G Rogoff

ACADEMIC DIRECTOR

CERTIFICATE ID: 7e24b08a5d262f8a493afb2b2f68179b

Valid till 09/04/2024



Nov 28, 2020

SURIYA S

has successfully completed

Fake News Detection with Machine Learning

an online non-credit course authorized by Coursera Project Network and offered through Coursera

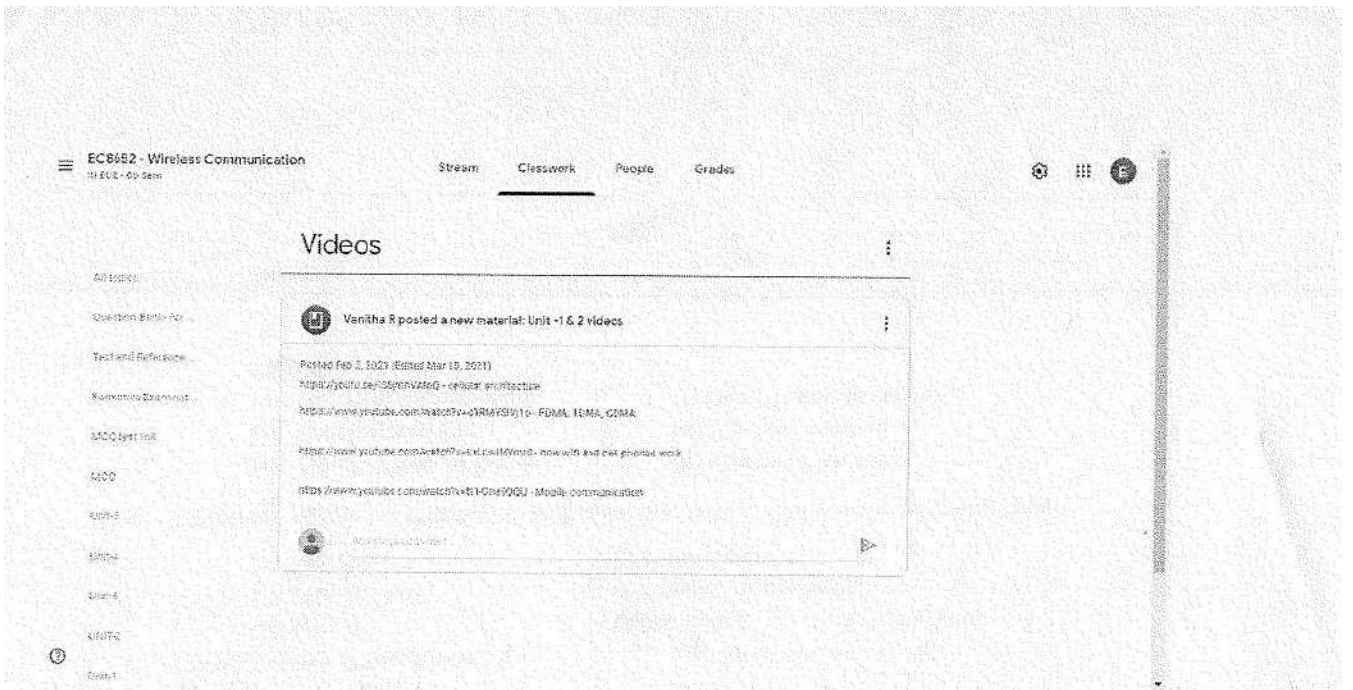
Ryan Ahmed

Ryan Ahmed
Adjunct Professor

COURSE
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Verify at coursera.org/verify/XV4JWJNLLBGA
Coursera has confirmed the identity of this individual and their participation in the course.



MOOC Platform – (Coursera, Udemy, etc.,)



COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Adithya P

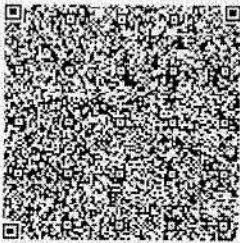
for successfully completing the course

Basics of Python


on Tuesday, July 26th 2022

Infosys | Springboard

Congratulations! You make us proud!



Issued on: Tuesday, July 26th 2022
This certificate can be verified by scanning the QR code at <https://verify.onwingspan.com>


Thirumala Arohi
Senior Vice President and Head
Education, Training and Assessment (ETA)
Infosys Limited

PROBLEM SOLVING SKILLS

Problem solving Methodologies:

Departments encourage students to acquire and develop problem-solving skills. For this, our college organizes expert lectures on various topics, motivates students to join MOOC courses, and participates in various inter-college and intra-college technical events.

- Case Study Analysis
- Regular Assignments
- Mini Project
- Regular Technical Quiz
- Seminar presentations
- Participation in Inter college events



SANITIZER KIT



3D CAD MODEL

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Department of Mechanical Engineering
Special Coaching/ Remedial Class Schedule

IV Yr MECH (2018 - 2022 ODD)

OML751 Testing of Materials

Faculty In-charge: D.R.RAJKUMAR

Batch: BE, VII SEM

Academic Year : 2022-23

Timing: 5.00 pm - 6.00 pm

S. No.	Reg. No.	Student Name	11/14/2022	11/15/2022	11/16/2022	11/17/2022	11/18/2022
1	810719114001	Dhanasekaran G	Classification of Materials	Tensile Testing & Creep Testing	Visual inspection, Liquid penetrant, Magnetic particle, Thermography tests.	Optical and Electron microscopy (SEM and TEM)	Thermal Testing and Chemical Testing
2	810719114002	Hashim Aslam M					
3	810719114005	Mohammad Reyad S					
4	810719114006	Navaneetha Krishnan R					
5	810719114007	Nelson Ramkumar B					
6	810719114008	Parthasarathi N					
7	810719114009	Shahid Afridi S					
8	810719114010	Vaishali R					
9	810719114011	Venukanth.S					
10	810719114301	Sugan kumar.S					

Activities Planned During this Schedule:

- 1 Preparation of Students with Previous Year University Questions - and How to write the Answer - explanation Given
- 2 Discussion with the Repeated Questions asked in the University End Semester Examination

Faculty

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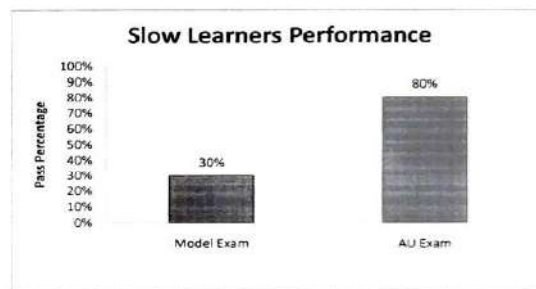
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Dept of Mechanical Engineering
Special Coaching/ Remedial Class Schedule
IV MECH (2018 - 2022 ODD)

Subject Name: OML751 - Testing of Materials

Faculty In-charge: Dr. D.R.Rajkumar

Batch: BE, VII SEM		Academic Year : 2022-23		Model Exam	AU Exam
Mechanical Engineering				17-10-2022	13-01-22
S. No.	Reg. No.	Student Name	Result	Result	
1	810719114001	Dhanasekaran G	P	F	
2	810719114002	Hashim Aslam M	F	P	
3	810719114005	Mohammad Reyad S	F	P	
4	810719114006	Navaneetha Krishnan R	F	P	
5	810719114007	Nelson Ramkumar B	P	F	
6	810719114008	Parthasarathi N	F	P	
7	810719114009	Shahid Afridi S	F	P	
8	810719114010	Vaishali R	P	P	
9	810719114011	Venukanth.S	F	P	
10	810719114301	Sugan kumar.S	F	P	
			CT/Model	AU Exam	
Total Students Appeared			10	10	
Passed			3	8	
Failed			7	2	
Pass Percentage			30%	80%	



Remarks to get the improved/ decreased results.

1	Totally 7 out of 10 students were identified as slow learners and Conducted coaching classes.
2	Important topics from Unit 1, Unit 2, Unit 3, Unit 4 and Unit 5 were discussed
3	Having this coaching classes helped them pass in the Anna University Examination 2021
4	Totally 8 out of 10 students were passed in the Anna University Examination.

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REGULAR ASSIGNMENT:

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DEPARTMENT OF ECE

WEB PORTAL ENTRY MARKS MAPPING

Academic Year : 2022-2023

S.NO	EC 3491- COMMUNICATION SYSTEMS		
	Register Number	Name of the Student	Assignment-I (20)
1	810721106001	ARASU C	20
2	810721106002	AROCKIYA JAYARAJ S	20
3	810721106003	CHARUKESI S	20
4	810721106004	DHARUNIKA M	20
5	810721106005	DIVYADHARSHINI G	20
6	810721106006	ESWARAMOORTHY M	20
7	810721106007	HANISH K A	20
8	810721106008	HELEN PRICILLA X	20
9	810721106009	KAYAL VIZHI R	20
10	810721106010	KOWSIKA S	20
11	810721106011	MEGANATH V	20
12	810721106012	NOVA AROCKIA RAJ V	20
13	810721106013	REEGAN RUSOUL L	20
14	810721106014	RIYAZ KHAN S	20
15	810721106015	SAKTHIVEL N	20
16	810721106016	SAMRUTH SRIRAM D	20
17	810721106017	SANTHOSH K	18
18	810721106018	SIVAGANAPATHY R	18
19	810721106019	SUBHIKSHA S	20
20	810721106020	SUDHARSAN R	20
21	810721106021	SUJITHA R	20
22	810721106022	SURIYAPRABU P	14
23	810721106024	THARUNIKA M E	20
24	810721106025	UMAMAGESHWARI K	20

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SMART INDIA HACKATHON:



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Report for SIH2022 – Grand Finale

Academic Year	2022-2023
Name of the Event	Smart India Hackathon 2022
Name of the Project Presented in	Identification and location of voids in Earthquake Scenario
Ministry	National Disaster Response Force (NDRF)
Type	Hardware
Department	ECE
Finale Venue	Anand City, Gujarat
Date	25.08.2022 to 29.08.2022 (05 days)
Name of the Students	Ms. SHIFANA BEGUM.K (IV ECE) Mr. LOKESH.K (II ECE) Mr. GOKUL.R (II ECE) Mr. SAMRUTH SRIRAM.D (I ECE) Mr. REEGAN RUSOUL.L (I ECE) Ms.RAJA RAJESWARI.S (III ECE)
Name of the Mentors	Mrs.DEEPALAKSHMI.R Mr.PRADEEPARAJAN.T

Project / Product Description:

In this world disaster is one which cannot be stopped and held. We should've met them and lived with them. Disaster can be anything like an earthquake, flood, building collapsing, forest fire etc. But in our problem statement, they particularly mentioned building collapsing. In this situation, there will a lot of voids must be created. it has a huge chance to humans may present in that voids. Searching and rescuing them is a time-consuming and risk-contained task. To avoid human risk and save time, we are using robots with swarm intelligence. These robots carry the gpr with them. So these robots include GPR, Camera, and microcontrollers.

In this project, we have made 2 robots. One is the master and another one is a slave. This master robot contains the raspberry pi, Camera, ultrasonic sensor, GPR module and mainly ESP 32 wifi module. In raspberry pi, using open cv and yolo, our robot is trained to detect the person with a camera linked with it. If any disaster occurs, like an earthquake, our robot will be placed in its specific position. The task controller gives the comment to start, they start moving around to the task-given area. Slave also move around a particular area. These master and slave are connected by their ESP32 Wi-Fi module. ESP 32 in the master is act as a transmitter and in slave, it acts as a receiver. First, we have developed it in manual mode. So the specific task controller controls the movement of the robot by giving the movement instructions. This instruction was passed through the Wi-fi module to the slave robot. Each robot will have a gpr module so the time consumed by the

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rescue mission will be reduced. But now we are working on the GPR module. GPR stands for ground penetrating radar. It has many applications usually they are used in archaeological work, bridge and concrete inspection. The ground penetrating radar technique principally detects backscattered energy from a target. It uses a high-frequency radio signal that is transmitted by the antenna and travels downward until it hits an object that has different electrical properties. then it gets scattered from the object and received by the antenna. This method measures the travel time of electromagnetic impulses in subsurface materials. There is a specific frequency range for different applications. This choice is between 1 to 5000 MHz. For our model, the frequency range is 320 MHz to 910 MHz. This GPR has an onboard display and we can also see the radar measurement on pc using LabVIEW software.

If we developed this product we can use this for all kinds of applications by simply modifying the frequency range of the antenna depending on the application.

For SIH2022, two projects were submitted from the Department of ECE, One problem statement is “Pattern recognition algorithm to identify marine animals” under the ministry of National Institute Of Ocean Technology, Ministry Of Earth Sciences and another problem statement is “Identification and location of voids in earthquake scenario” under the ministry of National Disaster Response Force (NDRF) under the Guidance of Mrs.R.Deepalakshmi / AP-ECE.

From those two Problem statements, **“Identification and location of voids in earthquake scenario”** under the ministry of National Disaster Response Force (NDRF) was selected for the next round and for that 2nd level, video Demo were prepared and uploaded in the link given by SIH2022 team. And that idea was shortlisted in the top 5 for Grand Finale 2022.

SIH2022 Hardware edition dates and Nodal centres were announced by SIH team through Team Leaders mail. Hardware Edition dates are from 25.08.2022 to 29.08.2022 (05 days) and Schedule also shared in the Common Telegram group.

For this PS, they allocated the Nodal centre in AD Patel Institute of Technology, Anand City, Gujarat and Single Point of Contact (SPOC) of the Nodal centres were shared through the Team leaders Mail ID. And Standee and T-shirt designs were given by the SIH Team which is mandatory for all the teams and Team members.

Day 01 (25.08.2022) Started with the Inauguration of Local and Central level followed by the 10 minutes mentoring session of 3 expert panel members (Individual Ministry/organization expert to guide the teams). Day 02 (26.08.2022) morning started with the mentoring session, they gave many suggestions and inputs



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regarding the project flow and time management. Evening of the day 02, Evaluation phase I Started and work continued round a clock. This is repeated for all days until Day 05.

On Day 05 (29.08.2022), Full Demo and Presentation were explained in front of all the Panel members. They appreciated the work and congratulated the team members and the mentors for getting the exact output.

The efforts of all the team members from the department who made this event a grand success is appreciated. The people behind the scene are Mrs.R.Deepalakshmi & Mr.S.Sriram Sundar who worked hard to bring this to reality.


Team Mentor/ Co-Ordinator


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HACKATHON SCHEDULE (25.08.2022 to 29.08.2022)

SCHEDULE for Grand Finale of Smart India Hackathon 2022 - Hardware Edition (25 th to 29 th August 2022)	
August 24, 2022	The registration process for student-teams and mentors is to be MANDATORY completed by the evening/night of August 24, 2022
	Recheck on equipment and consumable requirements – Students + Mentors along with Nodal Centre & Chairman / Secretary of the theme / SIH Coordinator
August 25, 2022: Day 1	
7:00 AM - 7:30 AM	Breakfast
7:45 AM	Assemble at venue
Local Inauguration at Nodal Center	
8:00 AM - 8:05 AM	Inauguration of 'Grand Finale of Smart India Hackathon 2022' at the respective nodal centers
8:05 AM - 8:15 AM	Lamp Lighting at the Venue
8:15 AM - 8:20 AM	Welcome Address by Chairman/ President of the institute
8:20 AM - 8:30 AM	Felicitation of Dignitaries
8:30 AM - 8:35 AM	Speech by Guest of Honor
8:35 AM - 8:40 AM	Speech by Chief Guest at Venue
8:45 AM	Local Inauguration Ends (After the local inauguration, the Nodal Centers will connect to the central inauguration)
Central Inauguration	
9:00 AM to 9:03 AM	Welcome address by Prof. Anil D. Sahasrabudhe, Chairman, AICTE
9:03 AM to 9:06 AM	Address by Dr. Anand Deshpande, Founder & Chairman, Persistent Systems
9:06 AM to 9:08 AM	Address by Shell representative (SIH Partner)
9:09 AM to 9:12 AM	Address by AWS representative (SIH Partner)
9:12 AM to 9:15 AM	Address by Sec. Higher Education, Ministry of Education
9:15 AM to 9:30 AM	Address by Hon'ble Education Minister, Shri. Dharmendra Pradhan
9:30 AM to 9:33 AM	Vote of Thanks by Prof. MP Poonis, Vice Chairman AICTE
Inauguration Ends	

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25 th August 2022, Day 1	
9:33 AM	Hackathon for Hardware Edition -SH 2022 goes Live
10:30 AM	Tea And Snacks on Table
11:30 PM - 01:00 PM	First Round of Mentoring Session (7-10 minutes per team, Individual Ministry/organization expert to guide the teams, minimum 3 experts per panel)
01:00 PM – 02:00 PM	Lunch
02:00 PM	Hackathon Continues
4:30 PM to 5:00 PM	Tea and snacks
6:15 PM to 6:45 PM	Leadership talk
6:45 PM to 7:45 PM	Cultural Programme (Karaoke/Singing/ Dance/ Zumba)
8:00 PM – 9:00 PM	Dinner
9:00 PM	Work Resumes
11:00 PM	Midnight Energy drink (Juice, energy drink or the like to be provided to each individual member of the team)
August 26, 2022: Overnight Phase	
	Tea/ Coffee/ Cream roti/ Biscuits/ Bakery items to be available round the clock.
August 26, 2022: Day 2	
6:00 AM - 6:15 AM	Yoga Session
7:00 AM – 8:00 AM	Breakfast served
10:00 AM - 11:00 AM	Second Round of Mentoring (minimum 3 Judges Per Panel)
11:00 AM	Tea and Snacks Served at Table
12:45 PM – 1:30 PM	Lunch
1:30 PM onwards	Hackathon continues
4:30 PM to 6:00 PM	First Round of Evaluation (Approx 10 mins. Per team) Tea and snacks on table
8:00 PM – 9:00 PM	Dinner
9:00 PM	Work Resumes

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August 27, 2022: Overnight Phase	
	Tea/ Coffee/ Cream roll/ Biscuits/ Bakery items to be available round the clock.
August 27, 2022: Day 3	
6:00 AM - 6:15 AM	Yoga Session
7:00 AM - 8:00 AM	Breakfast served
10:00 AM - 11:00 AM	Third Round of Mentoring (minimum 3 Judges Per Panel)
11:00 AM	Tea and Snacks Served at Table
12:45 PM - 1:30 PM	Lunch
1:30 PM onwards	Hackathon continues
4:30 PM to 6:00 PM	Second Round of Evaluation (Approx 10 mins. Per team) Tea and snacks on table
6:15 PM to 6:45 PM	Leadership Talk
6:45 PM to 7:45 PM	Cultural Programme (Karaoke/Singing/ Dance/ Zumba)
8:00 PM - 9:00 PM	Dinner
9:00 PM	Work Resumes
August 28, 2022: Overnight Phase	
	Tea/ Coffee/ Cream roll/ Biscuits/ Bakery items to be available round the clock.
August 28, 2022: Day 4	
6:00 AM - 6:15 AM	Yoga Session
7:00 AM - 8:00 AM	Breakfast served
10:00 AM - 11:00 AM	Fourth Round of Mentoring (minimum 3 Judges Per Panel)
11:00 AM	Tea and Snacks Served at Table
12:45 PM - 1:30 PM	Lunch
1:30 PM onwards	Hackathon continues
4:30 PM to 6:00 PM	Third Round of Evaluation (Approx 10 mins. Per team) Tea and snacks on table

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6:13 PM to 6:45 PM	Leadership Talk
6:45 PM to 7:45 PM	Cultural Programme (Karaoke/Singing/ Dance/ Zumba)
8:00 PM -9:00 PM	Dinner
9:00 PM	Work Resumes
August 29, 2022: Overnight Phase	
	Tea/ Coffee/ Cream roll/ Biscuits/ Bakery items to be available round the clock.
August 29, 2022: Day 5	
6:00 AM - 6:15 AM	Yoga Session
7:00 AM - 8:00 AM	Breakfast served
10:00 AM - 11:00 AM	Fifth Round of Mentoring (minimum 3 Judges Per Panel)
11:00 AM	Tea and Snacks Served at Table
12:45 PM - 1:30 PM	Lunch
2:45 PM	Hackathon Stops
3:00 PM to 5:00 PM	For Nodal Centres with Student Innovation: Power Presentation Round (Approx. 10 mins per team)
	For Nodal Centres with Ministries / Industries: Fourth Round of Evaluation (Approx. 10 mins per team)
5:00 PM to 6:00 PM	Finalization of results
6:30 PM to 7:30 PM	Valedictory Session and Prize distribution ceremony
8:00 PM -9:00 PM	Dinner
	Students head back to the hostels
9:00 PM	Travel arrangements may be provided for students/ mentors from the nodal center to the nearest railway or bus station if they have plan to return to home town the same evening
August 30, 2022: Post Hackathon Departures	
Breakfast, Tea, and Coffee provided to students and mentors	
Travel arrangements may be provided for students/ mentors from the nodal center to the nearest railway or bus station. Participants will ideally leave the nodal center latest by August 30, 2022 afternoon	

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Ministry of Education
75th Anniversary

Organizers
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#SIH Senior Hardware Edition
GRAND FINALE 2022
August 25 - 29

Team Iconic
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TRICHY

Org. Name	PS ID
National Disaster Response Force (NDRF)	GS901

TEAM MEMBERS

Ms. SHIFANA BEGUM.K
Mr. KANCHU LOKESH
Mr. GOKUL.R
Mr. SAMRUTH SRIRAM.D
Mr. REEGAN RUSOUL.L
Ms. RAJA RAJESWARI.S

TEAM MENTORS

Mrs. DEEPALAKSHMI.R
Mr. PRADEEPARAJAN.T

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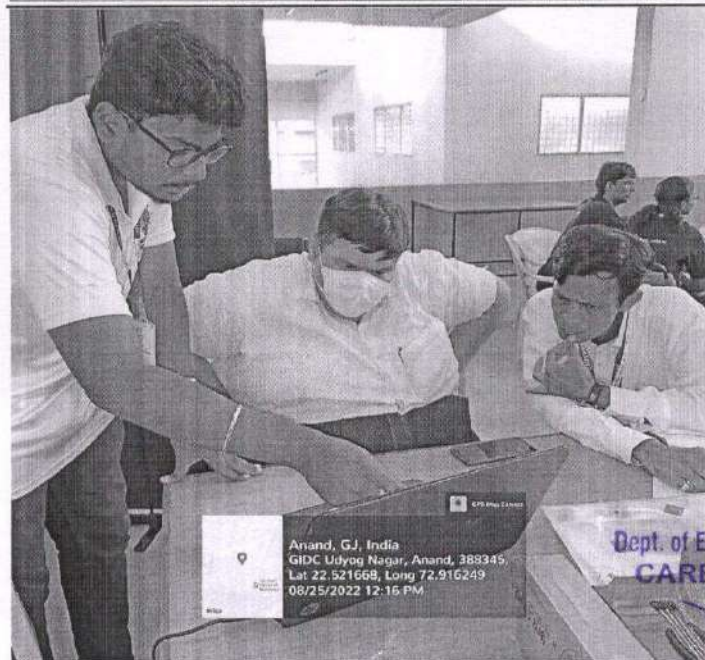


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PHOTOS – Day 01 (25.08.2022)



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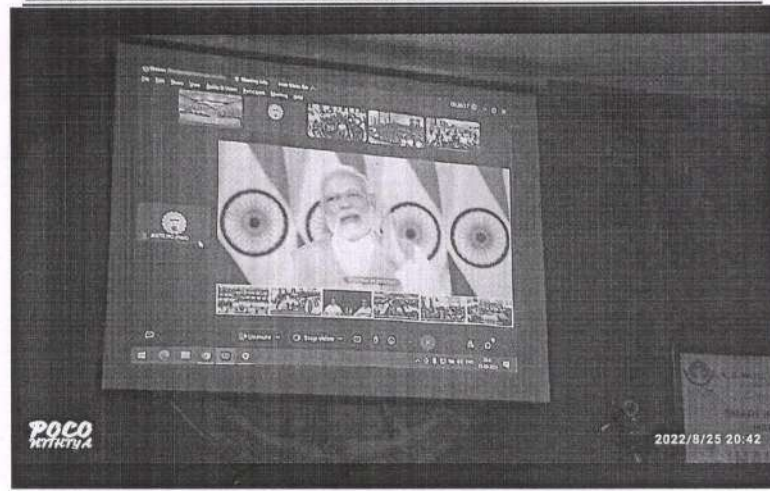
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PHOTOS – Day 02 (26.08.2022)



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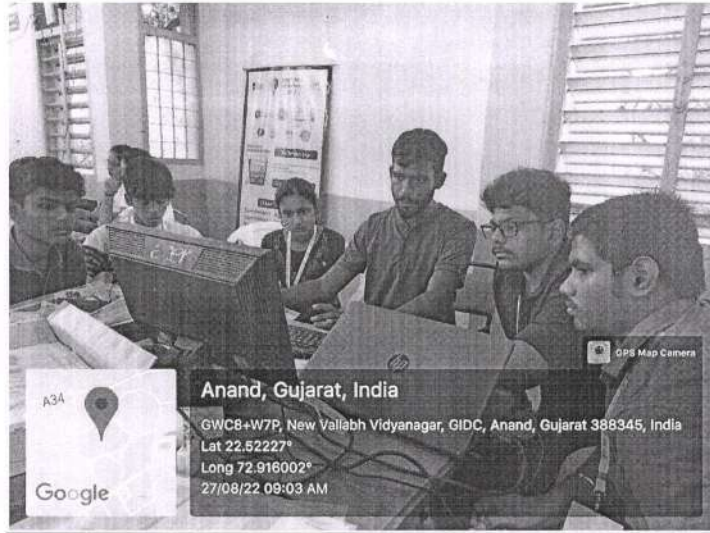
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PHOTOS – Day 03 (27.08.2022)



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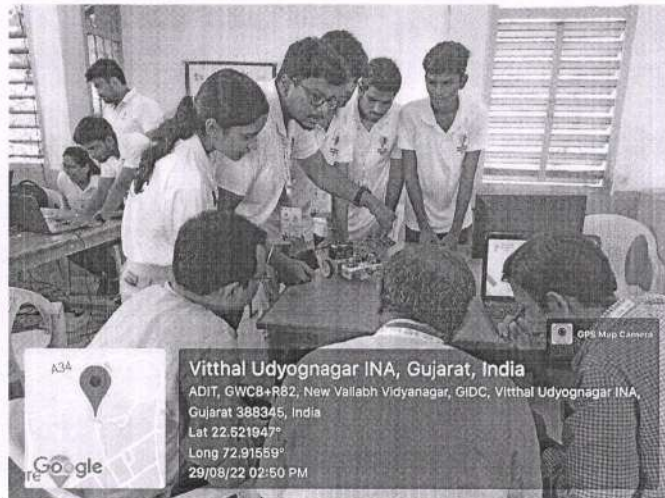
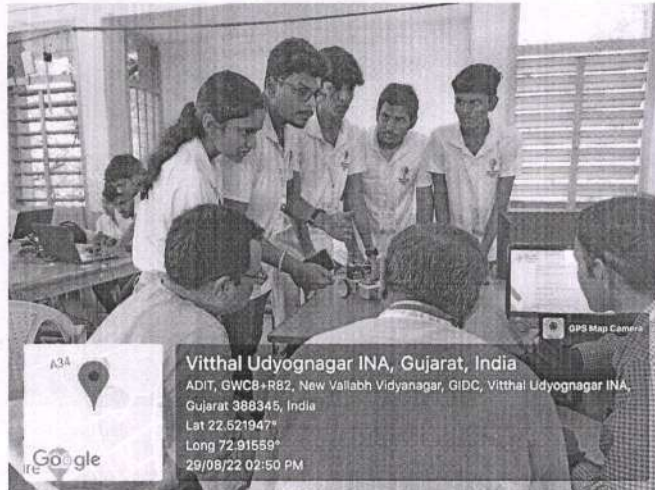
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PHOTOS – Day 05 (29.08.2022)



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STUDENT'S SEMINAR:



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**EC8651- TRANSMISSION
LINES AND RF SYSTEMS**

[SEMINAR REPORT]

[18.04.2023-3rd Hour]

III ECE-VI SEM

Students Name:

1. Krishnamoorthi.S

2. Balamurugan.K

3. Gokul.R

[The above students have taken seminar on the topic of “low noise amplifier, Voltage controlled oscillator & Mixers”]

Date: 18.04.2023

I.Mr.Krishnamoorthi-III ECE : Low Noise Amplifier



Synopsis:

Low Noise Amplifier

- Single channel noise amplifier
- Double channel noise amplifier
- Cascaded noise amplifier

2.Balamurugan.K III ECE : Voltage Controlled oscillator



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Synopsis:

- 1.VCO introduction
- 2.Derivation to findout frequency

2.Gokul.R III ECE : Mixers



Synopsis:

- 1.Single mixers
- 2.Double mixers

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EC 3353 – ELECTRONIC DEVICES & CIRCUITS

SEMINARS TAKEN BY THE STUDENTS

Name of the Student: R. Kayal vizhi, II ECE

Topic: Class B push-pull power amplifier

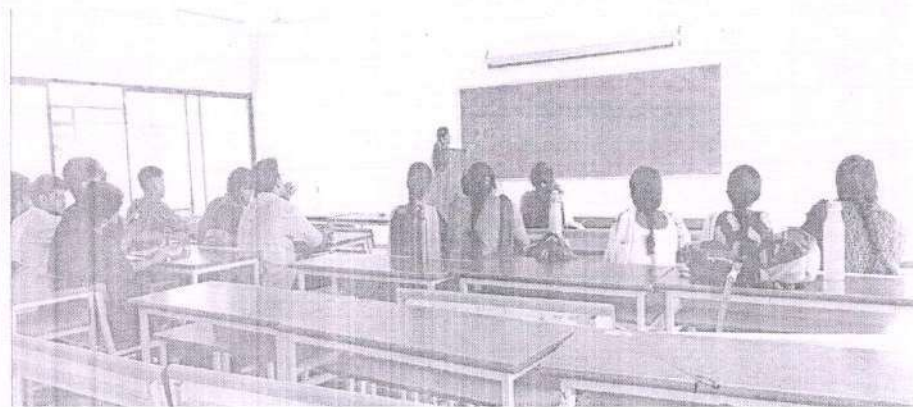
R. Kayal vizhi has delivered a seminar on explanation of Class B push-pull power amplifier and its efficiency on 21.11.2022.



Name of the Student: K. Umamageshwari, II ECE

Topic: Buck convertor

K. Umamageshwari has delivered a seminar on buck convertor with resistive load and filter on 22.11.2022.



J. Jeyan

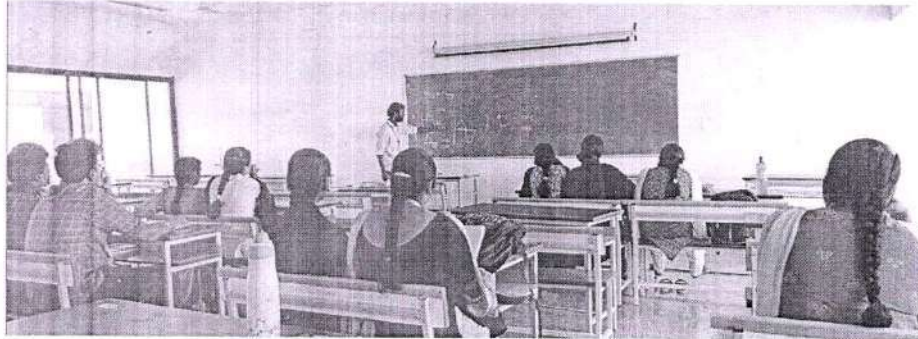
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Name of the Student: N. Sakthivel, II ECE

Topic: Class AB Power Amplifier

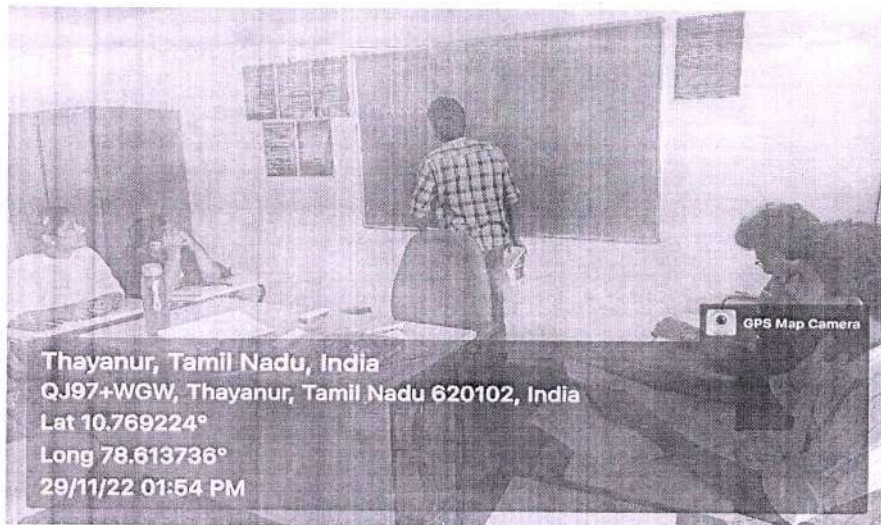
N. Sakthivel has delivered a seminar on explanation of Class AB Power Amplifier and its efficiency on 26.11.2022.



Name of the Student: V. Meganath, II ECE

Topic: Class A Transformer Coupled Power Amplifier

V. Meganath has delivered a seminar on explanation of Class A Transformer Coupled Power Amplifier and its efficiency on 06.12.2022.



J. Jayans

HEAD

Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

PROJECT EXPO:



PROJECT EXPO 23 25.04.2023

PROJECT EXPO'23 – REPORT

Time : 10.00 AM to 5.00 PM

Venue: Fulcrum

Project Expo: Students showcase Innovative Projects in Department of Electronics and Communication Engineering, Computer Science Engineering, Artificial Intelligence and Data Science and Mechanical Engineering.

The Department of Electronics and Communication Engineering has organized Project Expo for the projects designed by students on innovative ideas in their final year and third year projects.

The major objective of organizing this exhibition was to provide the platform and unleash the potential of the students by showcasing their innovative projects developed in the Final Year/ Third Year either focusing Industry Defined Problems or User Defined Problems and provide an opportunity for the students to demonstrate their learning experience. The outcome of the PROJECT EXPO was that students were able to show their project at higher level and the process boosted their confidence.

The event has been held in Fulcrum where a result of good hard work done by the Final Year Students and third year students who showed good enthusiasm to display their projects, the third-year volunteering students, who helped the faculties to organize the grand event, the efforts of each faculty members in making their projects perform at their best.

Project Prototypes prepared by students focusing on real world problems in the areas of IOT, Cyber Security, Web Technologies and Embedded Systems, design and fabrication of mechanical foot step power generators etc., 144 students participated in the expo and 44 projects were displayed.

The projects were evaluated by eminent experts Dr.Balraj, Research Assistant, National Taiwan university of science & Technology &Dr. Pradeep Kumar, Professor/IT, VIT, Vellore. The expert panel members appreciated the efforts of our students and motivated them to apply for patents/journals.

This exhibition also provided a unique platform to the participating students for their innovations and new experiences with the community. The function generated a high degree of excitement in the faculty and students of the college, and was a great success. The students are motivated by the giving best project award from each department.

J. Jayan
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PROJECT EXPO 23
25.04.2023

POSTER

IEEE
Pursuing SUCCESS, STARTING CARE College of Engineering

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Proudly Presents

PROJECT EXPO '23

CHALLENGES ARE OPEN; MAKE IT HAPPEN

SHRI.B.PRATIVE CHEND
CEO, CARE Group of Institutions

DR.S.SHANTHI
Principal

DR.A.PASUMPON PANDIAN
Dean R&D

DR.J.JEYARANI
Inventor

25.4.2023

FULCRUM

10.00 AM

All are Invited

care.ac.in

DR. J. JEYARANI
Inventor
CARE College of Engineering
Tiruchirappalli - 620009

PROJECT EXPO 23
25.04.2023

Winners List

S.NO	Batch Name	Project Title	Department/Year	Prize
1	Ajay Kumar Gunasekaran	Real Time Landslide Monitoring and Flood Monitoring Using IOT	ECE / IV	1 st Prize
2	Sugan Kumar.S Mohammad Reyad	Comparison of mechanical and micro structural properties for SS304 Inconel 690, SS304 and SS409 under the influence of TIG welding process	Mech/ IV	1 st Prize
3	Shreehar K E Madhan prasath	Sign language recognition using deep learning techniques	CSE / IV	1 st Prize
III Year				
4	Balamurugan K Gokul R Kanchu Lokesh Krishnamoorthi S	Feedback Management portal	ECE / III	1 st Prize
5	Aanto J Abdhulla S Roshan V Vimal sajee G R	Document verification using non fungible token	CSE / III	1 st Prize
6	Madhavan A Hariharan S Pristan raj kumar A Naresh prabhu P	Design and fabrication of mechanical footstep power generator	MECH / III	1 st Prize
7	Mohan S	FAR-CON (Farmer to Consumer) using FLASK Framework	AIDS / III	1 st Prize

JJH
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PROJECT EXPO 23
25.04.2023

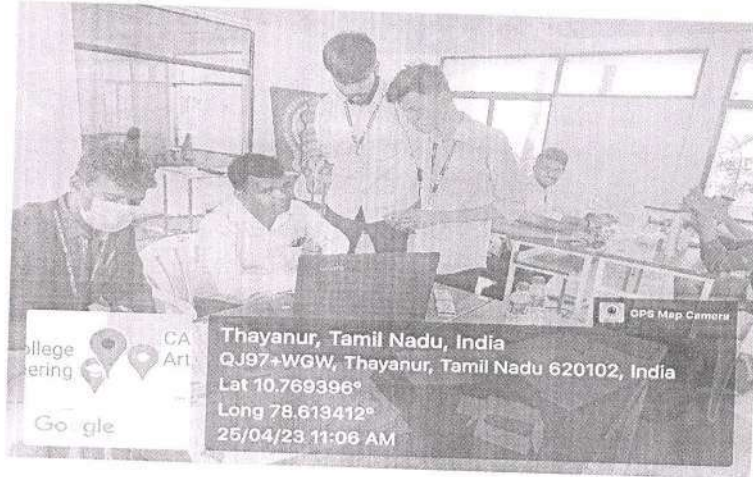
PHOTOS



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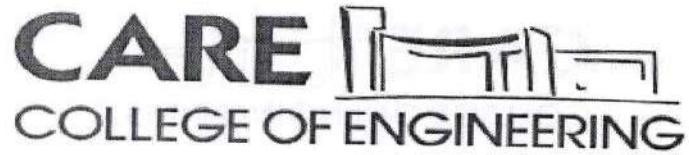
PROJECT EXPO 23
25.04.2023



J. Jeyan

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CARE College of Engineering
Trichy-620 009

HOUSEHOLD TRAINING:



27, Dindigul Road, Thayanur, Tiruchirappalli - 620009

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

INHOUSE SUMMER TRAINING WITH PROJECT DEVELOPMENT

Program Details : Training on, "Industrial Automation using Embedded Systems" on 08.10.2022

Resource Person Details : Mr. Alen , Project Engineer,
IPCS Global Solution, Trichy

Venue : DSP /Embedded Systems Lab

Time : 2.30 PM -5.00 PM

Participants : ECE Dept. Students

The Programme was organized by CARE College of Engineering and coordinated by Mrs.R.Vanitha,AP/ECE. Head of the ECE Department, inaugurated the function and gave confidence to the participants and brief about the current and future technology. After the Inaugurations, Special Guest Mr.Alen, Project Engineer gave his lecture on "**Industrial Automation using Embedded Systems**". Feedback form was collected from all the participants.


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PARTICIPANTS NAMELIST:

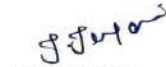
The following students are participated in workshop on the topic of "Industrial Automation using Embedded Systems" on 8/10/2022.

IV ECE		
1	810719106001	ADITHYA P
2	810719106002	AJAY KUMAR.K
3	810719106003	CITYBABU.M
4	810719106004	DHINAKARAN.S
5	810719106005	GUNASEKARAN S
6	810719106006	NISHANTH K
7	810719106008	RAJARAJESWARI S
8	810719106009	VIJEL.R
III ECE		
1	810720106001	M AFROSE JAMILA
2	810720106002	ANANDHACHANDRU D
3	810720106003	BALAMURUGAN K
4	810720106004	GADIREDDY SAMEERA
5	810720106005	GOKUL R
6	810720106006	JANCY RANI R
7	810720106007	KANCHU LOKESH
8	810720106008	KRISHNAMOORTHI S
9	810720106010	VIGNESHWARAN G
10	810720106301	DINESH KUMAR.M
11	810720106302	NITHISH.D
II ECE		
1	810721106001	ARASU C
2	810721106002	AROCKIYA JAYARAJ.S
3	810721106003	CHARUKESI.S
4	810721106004	DHARUNIKA M
5	810721106005	DIVYADHARSHINI G
6	810721106006	ESWARAMOORTHI M
7	810721106007	HANISH K A
8	810721106008	HELEN PRICILLA X
9	810721106009	KAYAL VIZHI R
10	810721106010	KOWSIKA S
11	810721106011	MEGANATH V
12	810721106012	NOVA AROCKIA RAJ V
13	810721106013	REEGAN RUSOULL
14	810721106014	RIYAZ KHAN S
15	810721106015	SAKTHIVEL N
16	810721106016	SAMRUTH SRIRAM D
17	810721106017	SANTHOSH.K
18	810721106018	SIVAGANAPATHY R

J. J. J.
HEAD
Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

19	810721106019	SUBHIKSHA S
20	810721106020	SUDHARSAN R
21	810721106021	SUJITHA.R
22	810721106022	SURIYAPRABU P
23	810721106024	THARUNIKA M E
24	810721106025	UMAMAGESHWARI K


Co-Ordinator


HOD/ECE

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Dept. of Electronics and Communication Engg.
CARE College of Engineering
Trichy-620 009

OBJECTIVE:

Industrial automation is the use of control devices such as PC/PLCs/PACs to control industrial processes and machinery by replacing as much as possible labour intervention and dangerous assembly operations with automated ones.



OUTCOMES:

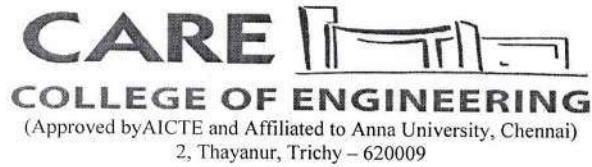
Students should be able to design and implement automated systems using pneumatics.

J. Jayaraj

HEAD

Dept. of Electronics and Communication Engg.
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Trichy-620 009

FEEDBACK FROM STUDENTS:



Feedback on In-House Summer Training

Name of the Participant : KAYAL VIZHI R Department : ECE

Title of the Event : INDUSTRIAL AUTOMATION USING EMBEDDED SYSTEMS

Total Duration : 2.30 HOURS Date : 08.10.2022

Timings : 2.30 PM -5.00 PM Guest : 1.Mr.ALEN, Project Engineer

LEGEND : E = EXCELLENT G = GOOD A = AVERAGE P = POOR

(Please Tick (✓) against appropriate box)		Guest			
Sr. No.	ATTRIBUTE	E	G	A	P
GUEST PERFORMANCE					
1.	Domain Knowledge	✓			
2.	Presentation / Communication Skill		✓		
3.	Ability to Draw Participation		✓		
4.	Interest in the Event	✓			
5.	Response to Queries		✓		
OTHER PARAMETERS					
1.	Overall Usefulness	✓			
2.	Course Material		✓		
3.	Seating Arrangements	✓			
4.	Quality of Audio Visual (if any)	✓			
5.	Other Arrangements		✓		

OVERALL ASSESSMENT

1. Things Most Appreciated : Timely management
2. Things Least Appreciated : Nil
3. Suggestions for Improvements : Hands on session needed

INTER COLLEGE PROGRAMS:



M. A. M. B-School
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Siruganur, Tiruchirappalli - 621 105.
www.mambs.com, +91 9443133385



CERTIFICATE

OF APPRECIATION

This is to certify that Mr./Ms. K. BALA MURUGIAN ECE has participated / won I in PAPER PRESENTATION in the Inter College Management and Cultural Meet Event "M.A.M. B-FEST 2023" organised by M.A.M. B-School, Trichy on 30th March 2023.

Dr. M. Hemalatha
DIRECTOR, MAMBS



Excellence

Mrs. Fathima Bathool Maluk
Secretary & CEO, MASTeR G.I



M. A. M. B-School
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Siruganur, Tiruchirappalli - 621 105.
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CERTIFICATE

OF APPRECIATION

This is to certify that Mr./Ms. R. GOKUL ECE has participated / won I in PAPER PRESENTATION in the Inter College Management and Cultural Meet Event "M.A.M. B-FEST 2023" organised by M.A.M. B-School, Trichy on 30th March 2023.

Dr. M. Hemalatha
DIRECTOR, MAMBS



Excellence

Mrs. Fathima Bathool Maluk
Secretary & CEO, MASTeR G.I



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CERTIFICATE

OF APPRECIATION

This is to certify that Mr./Ms. D. ANANDHA CHANDRU has participated / won I in PAPER PRESENTATION in the Inter College Management and Cultural Meet Event "M.A.M. B-FEST 2023" organised by M.A.M. B-School, Trichy on 30th March 2023.

Dr. M. Hemalatha
DIRECTOR, MAMBS



Excellence

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CERTIFICATE

OF APPRECIATION

This is to certify that Mr./Ms. S. KRISHNA MOORTHY has participated / won I in PAPER PRESENTATION in the Inter College Management and Cultural Meet Event "M.A.M. B-FEST 2023" organised by M.A.M. B-School, Trichy on 30th March 2023.

Dr. M. Hemalatha
DIRECTOR, MAMBS



Excellence

Mrs. Fathima Bathool Maluk
Secretary & CEO, MASTeR G.I

MCQ: EC3352-Digital System Design:

EC 3352_DSD_MCQ ☆

Questions Responses 22 Settings Total points: 25

EC 3352_DSD_MCQ

AY 2023_2024 Odd semester Batch (2022-2026)

This form is automatically collecting emails from all respondents. [Change settings](#)

Name of the student *

Short answer text

Register Number *

Short answer text

EC 3352_DSD_MCQ (Responses) ☆ 📁 🔄

File Edit View Insert Format Data Tools Extensions Help

100% - \$ % -0.00 123 Default... - 10 + B I A

Timestamp	Score	Name of the student	Register Number	What is Digital Electronic	Which of the following is	Identify the logic gate	The following hexadecim	What v
10/10/2023 16:33:24	13 / 25	Yuvarajan.M	810722106024	a) Field of electronics inv	d) All of the mentioned	AND	(35 206)8	c) Eithe
10/10/2023 16:34:42	10 / 25	Pratheep B	810722106015	a) Field of electronics inv	c) Digital cameras	AND	(35 506)8	c) Eithe
10/10/2023 16:35:42	21 / 25	S. Gunasri	810722106006	a) Field of electronics inv	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:36:36	21 / 25	Glory Sweety .A	810722106004	a) Field of electronics inv	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:36:48	20 / 25	m.mohamed Shafique	810722106012	d) All the mentioned	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:36:51	20 / 25	A Vasanthan	810722106023	d) All the mentioned	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:36:53	22 / 25	K. Manisha	810722106010	d) All the mentioned	d) All of the mentioned	AND	(35 206)8	c) Eithe
10/10/2023 16:37:49	23 / 25	R. Shifana parveen	810722106020	d) All the mentioned	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:38:13	14 / 25	Y.Amizthan	810722106002	a) Field of electronics inv	a) Computers	AND	(36 206)8	c) Eithe
10/10/2023 16:38:27	11 / 25	Amal J	810722106001	a) Field of electronics inv	a) Computers	AND	(36 206)8	a) 0
10/10/2023 16:40:11	24 / 25	Sivasuthip	810722106021	d) All the mentioned	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:40:28	24 / 25	K. Nithishkumar	810722106013	d) All the mentioned	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:42:24	9 / 25	Partha Sarothi G	810722106014	a) Field of electronics inv	a) Computers	AND	(35 506)8	c) Eithe
10/10/2023 16:42:25	23 / 25	Gokula Chandru M	810722106005	d) All the mentioned	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:44:53	21 / 25	Sanjay R	810722106018	a) Field of electronics inv	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:44:58	21 / 25	Mohamed imthiyas s	810722106011	a) Field of electronics inv	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:47:06	24 / 25	KAVIBHARATHI A.	810722106009	d) All the mentioned	d) All of the mentioned	AND	(36 206)8	c) Eithe
10/10/2023 16:47:07	24 / 25	Sachin.S	810722106017	d) All the mentioned	d) All of the mentioned	AND	(36 206)8	c) Eithe

EC3492-Digital Signal Processing

EC3492-DIGITAL SIGNAL PROCESSING

Questions Responses 19 Settings Total points: 25

1. The interface between an analog signal and a digital processor is

- a) D/A converter
- b) A/D converter
- c) Modulator
- d) Demodulator

D/A Converter

A/D Converter

Modulator

Demodulator

2*

2. The speech signal is obtained after

- a) Analog to digital conversion
- b) Digital to analog conversion
- c) Modulation

Blank Quiz (Responses)

File Edit View Insert Format Data Tools Extensions Help

Q Menu

Timestamp

Timestamp	Score	Name	Register No.	Class.	1	2	3	4	5	6	7	8
4/18/2023 21:07:48	8 / 25	Helen Pricilla.X	810721106008	2nd year -ECE	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{0,4,0,4}	{2,1+j,0,1-j}
4/18/2023 21:15:30	7 / 25	Umamageshwari. K	810721106025	ECE	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1,2 and 3 are correct	{6,-2+2j,-2,-2-2j}	{0,4,0,4}	{2,1+j,0,1-j}
4/18/2023 21:20:49	7 / 25	Eswaramoorthi.M	810721106006	2nd-year (ECE)	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{0,4,0,4}	{2,1+j,0,1-j}
4/19/2023 11:15:17	8 / 25	Kowsika	810721106010	2 nd ECE	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{0,4,0,4}	{2,1+j,0,1-j}
4/19/2023 11:17:50	8 / 25	G.Divyadharshini	810721106005	2 nd year	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{0,4,0,4}	{2,1+j,0,1-j}
4/19/2023 11:19:27	8 / 25	S.charukesi	810721106003	Second year -ECE	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{0,4,0,4}	{2,1+j,0,1-j}
4/19/2023 11:23:31	11 / 25	Suriyaprabu.P	810721106022	2-year	A/D Converter	Digital to analog convers	Digital Signals	1,2,3 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{4,0,0,0}	{2,0,0,0}
4/19/2023 11:23:50	14 / 25	Meganath v	810721106011	2nd ECE	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{4,4,0,0}	{2,1-j,0,1+j}
4/19/2023 11:24:08	6 / 25	Tharunika	810721106024	2nd yr-ECE	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 3 are correct	{6,-2+2j,-2,-2+2j}	{0,4,0,4}	{2,0,0,0}
4/19/2023 11:26:41	10 / 25	Subhiksha. S	810721106019	2 nd year ece	A/D Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 2 are correct	{6,-2-2j,2,-2+2j}	{4,4,0,0}	{2,0,0,0}
4/19/2023 11:26:52	8 / 25	Sujitha	810721106021	2nd year(ECE)	D/A Converter	Digital to analog convers	Digital Signals	1 and 2 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{0,4,0,4}	{2,1+j,0,1-j}
4/19/2023 11:28:27	24 / 25	KAYAL VIZHI. R	810721106009	Ece II	A/D Converter	Digital to analog convers	Digital Signals	all the 4 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{4,0,0,0}	{2,1-j,0,1+j}
4/19/2023 11:28:28	25 / 25	Dharunika M	810721106004	ECE-Ilyr	A/D Converter	Digital to analog convers	Digital Signals	all the 4 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{4,0,0,0}	{2,1-j,0,1+j}
4/19/2023 11:28:56	24 / 25	Nova Arockia Raj V	810721106012	ECE-2nd year	A/D Converter	Digital to analog convers	Digital Signals	all the 4 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{4,0,0,0}	{2,1-j,0,1+j}
4/19/2023 11:29:45	23 / 25	Sakthivel.N	810721106015	II	A/D Converter	Digital to analog convers	Digital Signals	all the 4 are correct	all the four are correct	{6,-2+2j,-2,-2-2j}	{4,0,0,0}	{2,1-j,0,1+j}
4/19/2023 11:29:55	24 / 25	Santhosh K	810721106017	ECE-2nd year	A/D Converter	Digital to analog convers	Digital Signals	all the 4 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{4,0,0,0}	{2,1-j,0,1+j}
4/19/2023 11:41:57	21 / 25	Samruth siram D	810721106016	II - ECE	A/D Converter	Digital to analog convers	Digital Signals	all the 4 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{4,0,0,0}	{2,1-j,0,1+j}
4/19/2023 12:35:48	24 / 25	Sudharsan.R	810721106020	2 nd year ECE	D/A Converter	Digital to analog convers	Digital Signals	all the 4 are correct	1 and 3 are correct	{6,-2+2j,-2,-2-2j}	{4,0,0,0}	{2,1-j,0,1+j}

19 responses

View in Sheets

Accepting responses

Summary

Question

Individual

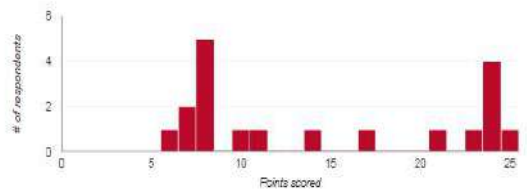
Insights

Average
14.58 / 25 points

Median
11 / 25 points

Range
6 - 25 points

Total points distribution



EC8651-Transmission Lines & RF Systems



EC8651-TRANSMISSION LINES & RF SYSTEMS

MCO- UNIT 1 & 2

Name *

Short answer text

Register no: *



Section 1 of 2

MCQ - ME8595 Thermal Engineering-II

Form description

This form is automatically collecting emails from all respondents. [Change settings](#)

Name of the Student *

Short answer text

Register Number *

Short answer text

After section 1 [Continue to next section](#)

Section 2 of 2

MCQ Questions from TE-II

Description (optional)

The following are the method for compounding except *

- a. Velocity compounding
- b. Pressure compounding
- c. Volume compounding