A.R.ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

AUTHENTICATION CERTIFICATE

The Number of Add on / Certificate / Value added programs offered during the last five years are 34 and those courses are not a part of curriculum prescribed by Anna University.

Details	Academic Year				
	2021-2022	2020-2021	2019-2020	2018-2019	2017-2018
Number of Add-on Programs	6	6	7	8	7
Total no of Add-on Programs	34				

1.2.2Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

ACADEMIC YEAR	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
NUMBER	167	134	168	141	135

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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ACADEMIC YEAR

2022 - 2023

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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KAPPIYAMPULIYUR

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Vadakuchipalayam, Kappiyampuliyurpost,Villupuram-605601,Tamilnadu.

Academic Year: 2022-2023

SI. NO	Name of Add on /Certificate programs offered	Course code	Department	Year of Offering	No of times offered during the same year	Date& Year	Duration of course	No of students enrolled	No of studen comple the cou in the
1	Add-on course on vehicle development programme	VACM ECH10 1	MECH	IV,III	1	13.08.2022 To 1.10.2022	30	20	20
2	Certificate program on PCB Design	VACE EE102	EEE	II,III,IV	1	13.08.2022 To 1.10.2022	30	25	25
3	Certificate program on PYTHON	VACS &H103	S&H	I,II	1	13.08.2022 To 03.10.2022	31	49	49
4	Add-on course in Machine learning	VACE CE104	ECE	III,I	1	27.03.2023 To 08.06.2023	30	14	14
5	Add-on course on DOTNET	VACS E105	CSE	II	1	27.03.2023 To 09.06.2023	31	12	12
6	Add-on course on C#	VACC SE106	CSE AI&DS	I,II I	1	27.03.2023 To 08.06.2023	30	47	47

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Vadakuchipalayam, Kappiyampuliyurpost,Villupuram-605601,Tamilnadu.

DEPARTMENT OF MECHANICAL ENGINEERING

PERMISSION LETTER

Date:03.08.2022

From

The Hod
Department of mechanical engineering
AR Engineering college
Kappiyampuliyur

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB: Seeking permission to conduct Value added course.

Respected sir,

As per academic excellence it is planned to conduct value-added course to our students in the field of advance manufacturing.The duration of the programme is planned 30 hours and it is scheduled between **13.8.2022 to 01.10.2022** your kind permission is sought for conducting the programme.

Name of the Course : Value added course on vehicle development programme.

CourseCoordinator : R.Manivannan
Assistant professor/Department of MECH
AR Engineering College
Kappiyampuliyur.

Thanking you

YOUR'S SINCERELY

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

395

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

Date:04.08.2022

SUB : Value added course on vehicle development programme.

As part of academic excellence , it is planned to conduct value-added course to our students in the field of advance manufacturing.The duration of the program is planned as 30 hours it is scheduled between your permissions sough for conduct the program.

COURSE DETAILS:

Course title	Value added course on vehicle development programme
Course code	VACMECH101
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	**13.08.2022 to 01.10.2022**
Timing	05 PM TO 6 PM
Course Co-Ordinator	Mr.R.Manivannan
Resource person	Mr.S.Ramamoorthy
Certificate	yes

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A.R ENGINEERING COLLEGE

"Value added course on vehicle development programme"

Department of Mechanical

13.08.2022 to 1.10.2022

Time: 5PM TO 6 Pm

Co-coordinator:

Mr.R.Manivannan

Resource Person:

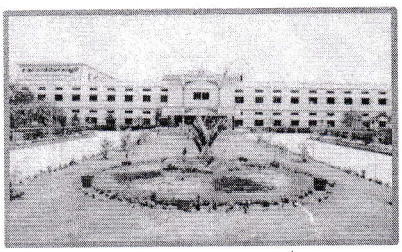
Mr.S.RAMAMOORTHY
HOD/Department of MECH

Organized by

DEPARTMENT OF MECH

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION:

No registration fee.There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program .

Resource Person

Mr.S.RAMAMOORTHY
HOD/Department of MECH
AREC
Kappiyampuliyur

Organizing co-ordinator:

Mr.R.Manivannan
Assistant proffesor
Department of MECH
AREC
Kappiyampuliyur.

A.R ENGINEERING COLLEGE

"Value added course on vehicle development programme"

13.08.2022 to 1.10.2022

Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :
E-mail :
Signature Of The Participant:
Date :

Place :

Participants need to register through A.R provide link on mentioned below :

Registration link :
https://arec.vehicle devep.vac/signup

A.R ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF MECHANICAL ENGINEEEING

VEHICLE DEVELOPMENT PROGRAMME

DATE:13.08.2022 to 1.10.2022 TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Vehicle development projects	13.08.2022 , 16.08.2022 , 17.08.2022 , 18.08.2022 , 20.08.2022	5 hrs
2	Virtual car process		
3	Management processes for complete vehicle development		
4	Customer relevant complete vehicle characteristic sphase-i		
5	Customer relevant complete vehicle characteristic sphase-ii		
6	Aesthetics, trend, style Analysis Readings and exercises in mobility related topics Tasks/small projects related to	22.08.2022 , 23.08.2022 , 24.08.2022 , 25.08.2022 , 26.08.2022	5hrs
7	Product planning, development of product brief. Concept generation, creativity and innovation		
8	Evaluation techniques. Peer reviews.		
9	Understanding of the packaging concept and the problems connected with traveling space, technology, ergonomics and aesthetics/ styling.		
10	Readings and exercises in mobility related topics Tasks/small projects related to topic	29.08.2022 , 30.08.2022 , 01.09.2022 , 02.09.2022 , 03.09.2022 , 05.09.2022 , 15.09.2022 , 16.09.2022 , 17.09.2022	9hrs
11	Study of systems in a vehicle. Power system:		
12	Gasoline, diesel, bio-diesel, electrical, hybrids, solar,		
13	wind, compressed air, fuel cell, hydrogen etc.		
14	Transmission system: clutch, gear trains, differential.		
15	.Suspension, steering, brakes etc	19.09.2022	1hrs
16	Industrial Fabrics	20.09.2022 , 21.09.2022 , 22.09.2022 , 23.09.2022 , 24.09.2022 , 26.09.2022 ,	6hrs
17	Controls: Clutch, gear, dash board		
18	display, and automatic control		
19	Vehicle dynamics. Aerodynamics of vehicles.		
20	Vehicle structure-chassis, mononcoque, pre		
21	stressed, sheet metal details & tooling.	28.09.2022 , 29.09.2022, 30.09.2022,01.10.2022	4 hrs
22	Modern assembly (robotic) and finishing		
		TOTAL	30 hrs

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DEPARTMENT OF MECHANICAL ENGINEERING
VEHICLE DEVELOPMENT PROGRAMME

STUDENT NAME LIST:[III,IV] **DATE:13.08.2022 to 01.10.2022**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420319114001	ENIYAN. P	IV	
2	420319114002	MOHAN. D	IV	
3	420319114301	RAJAN. R	IV	
4	420319114302	VINAYAGAMOORTHI .V	IV	
5	420319114501	SRIDHAR .M	IV	
6	420320114001	ABINASH. H	III	
7	420320114002	ELANGO .S	III	
8	420320114005	NISHANTH. S	III	
9	420320114006	PHILOMIN DASS. G	III	
10	420320114007	RAJADURAI. K	III	
11	420320114008	ROHITH .A	III	
	420320114009			

A.R.E.C. VPM

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12		SANJAI .K	III	
13	420320114010	SURENDIRAN. S	III	
14	420320114011	UDHAYASURYA. S	III	
15	420320114012	VEERAPPAN .T	III	
16	420320114301	BALAJI .S	III	
17	420320114302	DHILIPRAJ. R	III	
18	420320114303	KAMALESHWARAN.K	III	
19	420320114305	PRASANNA. M	III	
20	420320114701	PRAVEEN KUMAR. P	III	

COURSE CO-ORDINATOR

HOD

PRINCIPAL

Dr. R.PANNEERDHASS M.E.,Ph.D.,
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DEPARTMENT OF MECHANICAL ENGINEERING
VEHICLE DEVELOPMENT PROGRAMME

ATTENDENCE SHEET:[III,IV]

DATE:13.08.2022 to 01.10.2022

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			Eng	Eng	Eng	Eng	Eng	Eng	Eng	Eng	Eng	Eng	Eng	Eng	Eng	Eng	Eng
1	420319114001	ENIYAN. P	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2	420319114002	MOHAN. D	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh
3	420319114301	RAJAN. R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
4	420319114302	VINAYAGAMOORTHI .V	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay
5	420319114501	SRIDHAR .M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
6	420320114001	ABINASH. H	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	420320114002																

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7		ELANGO .S															
8	420320114005	NISHANTH. S															
9	420320114006	PHILOMIN DASS. G															
10	420320114007	RAJADURAI. K															
11	420320114008	ROHITH .A															
12	420320114009	SANJAI .K															
13	420320114010	SURENDIRAN. S															
14	420320114011	UDHAYASURYA. S															
15	420320114012	VEERAPPAN .T															
16	420320114301	BALAJI .S															
17	420320114302	DHILIPRAJ. R															
18	420320114303	KAMALESHWARAN.K															
19	420320114305	PRASANNA. M															

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20	420320114701	PRAVEEN KUMAR. P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420319114001	ENIYAN. P	P.E	P.E	P.E	P.E	P.E	P.E	P.E	P.E	P.E	P.E	P.E	P.E	P.E	P.E	P.E
2	420319114002	MOHAN. D	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh	Moh
3	420319114301	RAJAN. R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
4	420319114302	VINAYAGAMOORTHI .V	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay
5	420319114501	SRIDHAR .M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
6	420320114001	ABINASH. H	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi
7	420320114002	ELANGO .S	Elango	Elango	Elango	Elango	Elango	Elango	Elango	Elango	Elango	Elango	Elango	Elango	Elango	Elango	Elango

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8	420320114005	NISHANTH. S															
9	420320114006	PHILOMIN DASS. G															
10	420320114007	RAJADURAI. K															
11	420320114008	ROHITH .A															
12	420320114009	SANJAI .K															
13	420320114010	SURENDIRAN. S															
14	420320114011	UDHAYASURYA. S															
15	420320114012	VEERAPPAN .T															
16	420320114301	BALAJI .S															
17	420320114302	DHILIPRAJ. R															
18	420320114303	KAMALESHWARAN.K															
19	420320114305	PRASANNA. M															
	420320114701																

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20		PRAVEEN KUMAR. P																

COURSE CO-ORDINATOR **HOD** **PRINCIPAL**

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DEPARTMENT OF MECHANICAL ENGINEERING

VEHICLE DEVELOPMENT PROGRAMME

STUDENT ASSESMENT MARK LIST:[III,IV] **DATE:13.08.2022 to 01.10.2022**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420319114001	ENIYAN. P	IV	85
2	420319114002	MOHAN. D	IV	75
3	420319114301	RAJAN. R	IV	96
4	420319114302	VINAYAGAMOORTHI .V	IV	56
5	420319114501	SRIDHAR .M	IV	69
6	420320114001	ABINASH. H	III	65
7	420320114002	ELANGO .S	III	91
8	420320114005	NISHANTH. S	III	95
9	420320114006	PHILOMIN DASS. G	III	98
10	420320114007	RAJADURAI. K	III	65
11	420320114008	ROHITH .A	III	53

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KAPPIYAMPULIYUR POST,
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12	420320114009	SANJAI .K	III	97
13	420320114010	SURENDIRAN. S	III	95
14	420320114011	UDHAYASURYA. S	III	65
15	420320114012	VEERAPPAN .T	III	85
16	420320114301	BALAJI .S	III	91
17	420320114302	DHILIPRAJ. R	III	95
18	420320114303	KAMALESHWARAN.K	III	85
19	420320114305	PRASANNA. M	III	87
20	420320114701	PRAVEEN KUMAR. P	III	86

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DEPARTMENT OF MECHANICAL ENGINEERING

VEHICLE DEVELOPMENT PROGRAMME

STUDENT ASSESMENT MARK LIST:[III,IV] **DATE:13.08.2022 to 01.10.2022**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420319114001	ENIYAN. P	IV	55
2	420319114002	MOHAN. D	IV	75
3	420319114301	RAJAN. R	IV	69
4	420319114302	VINAYAGAMOORTHI .V	IV	95
5	420319114501	SRIDHAR .M	IV	78
6	420320114001	ABINASH. H	III	48
7	420320114002	ELANGO .S	III	73
8	420320114005	NISHANTH. S	III	92
9	420320114006	PHILOMIN DASS. G	III	82
10	420320114007	RAJADURAI. K	III	64
11	420320114008	ROHITH .A	III	84

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12	420320114009	SANJAI .K	III	38
13	420320114010	SURENDIRAN. S	III	43
14	420320114011	UDHAYASURYA. S	III	64
15	420320114012	VEERAPPAN .T	III	85
16	420320114301	BALAJI .S	III	91
17	420320114302	DHILIPRAJ. R	III	69
18	420320114303	KAMALESHWARAN.K	III	85
19	420320114305	PRASANNA. M	III	87
20	420320114701	PRAVEEN KUMAR. P	III	86

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ONE PAGE REPORT

Department:	MECH
Type of Event:	value added course
Event Title:	Vehicle development programme.
Date & Time:	**13.08.2022 to 1.10.2022** & (5 PM TO 6PM)
Venue :	AREC
Organizer:	AREC–MECH
Coordinator:	Mr.R.Manivannan
Resource person	Mr.s.Ramamoorthy
Details of Participants:	Students and faculty members of AREC
Write-up on Event	The Simulation and analysis using vehicle development course conducted on **08.2022 to 1.10.2022** Total duration of vehicle development course was 30 hours. Total 20 Students have attended the course. • This course elucidates concepts related to vehicle development.The students will get hands- on experience in working with simulation of vehicle development. • Resource person **Mr.S.RAMAMOORTHY** HOD/Mech has cover the value added course on vehicle development programme. They demonstrated each and every concept and also covered. • Students really enjoyed the session and learnt a lot.Now **20** students will be able to apply the concept in advanced application.

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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This is to certify that Mr./Ms .....P.PRAVEEN KUMAR.....has participated in the 30 days Value added course on "Vehicle Development programme" organized by the Department of MECH, A R Engineering college , held on 13.8.2022 TO 1.10.2022

HOD

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PERMISSION LETTER

Date:3.08.2022

FROM

The Hod
Department of electrical and electronics engineering
AR Engineering college
Kappiyampuliyur

TO

The principal
AR Engineering college
Kappiyampuliyur

SUB : Seeking permission to conduct Value add on course.

Respected Sir,

We are planning to conduct Value added course on"PCBDESIGN" **13.08.2022 to 1.10.2022** we request you to grant permission for the same.

Name of the Course : PCB-DESIGN

Course Co-ordinator: Mr.A.CHANDRASEKARAN
Assistant professor/Department of EEE
AR Engineering College
Kappiyampuliyur

Thanking you

Your's sincerely

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

428

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
CIRCULAR

Date :04.08.2022

It is informed that Department of Electrical and Electronics Engineering has planned to organize a Value Added Course on **"PCB DESIGN"** in our college premises to enhance the practical knowledge of the students. Hence Students of the department are cordially invited.

COURSE DETAILS:

Course title	Value added course on PCB design
Course code	VACEEE102
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	**13.08.2022 to 1.10.2022**
Timing	5 pm-6 pm
Course Co-Ordinator	Mr.A.CHANDRASEKARAN
Resource person	Mr.S.UDHAYA KUMAR
Certificate	Yes

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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A.R ENGINEERING COLLEGE

"Value added course on PCB Design"

Department of EEE

13.08.2022 to 1.10.2022

Time:5 pm-6 pm

Co-coordinator:

Mr.A.CHANDRASEKARAN

Resource Person:

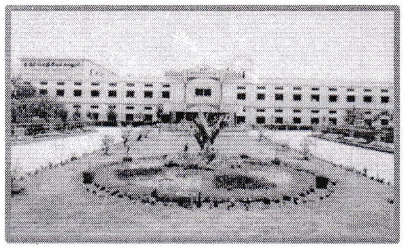
Mr.S.UDHAYA KUMAR
HOD/Department of EEE

Organized by

DEPARTMENT OF EEE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601
Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION:

No registration fee. There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program .

Resource Person

Mr.S.UDHAYA KUMAR
HOD/Department of EEE
AREC
Kappiyampuliyur

Organizing co-ordinator:

Mr.A.CHANDRASEKARAN
Assistant proffesor
Department of EEE
AREC
Kappiyampuliyur.

A.R ENGINEERING COLLEGE

"Value added course on PCB Design"

13.08.2022 to 1.10.2022

Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :

E-mail :

Signature Of The Participant:

Date :

Place :

Participants need to register through A.R provide link on mentioned below :

Registration link :
https://arec.vacpcb.vac/signup

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE ON PCB DESIGN

DATE: **13.08.2022 to 1.10.2022** TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Introduction To Pcb Design	**13.08.2022 , 16.08.2022 , 17.08.2022 , 18.08.2022 , 20.08.2022 , 22.08.2022 , 23.08.2022 , 24.08.2022 , 25.08.2022 , 26.08.2022**	**10hrs**
2	Basis Circuits and Design and Circuit generations		
3	Introduction to PCB and Development of PCB		
4	Lay out Design		
5	Layout Planning		
6	Taking Copies And Making Pcb Film And Check The Track With Circuits and makeCorrection		
7	Product planning, development of product brief. Concept generation, creativity and innovation		
8	Introduction to PCB and Development of PCB and Latest PCB design methods.		
9	Tracking copies and Making Pcb Film and Check the track with Circuits and make correction Pcb manual Design- Introduction to Manual Design.		
10	Material Requirements, practically, making drill and place components and cheak with circuits.	**29.08.2022 , 30.08.2022 , 01.09.2022 , 02.09.2022 , 03.09.2022**	**5hrs**
11	Pcb Industrial And Commercial Applications		
12	Requirements for Pcb design and design Tools (Pcb)Kicad or Orcad Software		
13	Type of Boards for design and circuit analysis and Pcb Tracking		
14	Printed circuit Board Design: Study of Packages of Electronic Components .		
15	Various types of Printed Circuit Boards-Single Sided Boards, Double Sided Plated through Hole Boards, multilayer Boards.		
16	Printed Circuit Board Design Methods : Rules for single and Double Sided Board.	**05.09.2022 , 15.09.2022 , 16.09.2022 , 17.09.2022 , 19.09.2022**	**5hrs**
17	Schematic diagram Entry in PCB Design tool/S/W. Layout Design , Routing methods .Guideline for Artwork Generation.		
18	Generation of various Manufacturing Documents Output		

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	file generation. Component Library management in PCB Design tool.		
19	Study of- Thermal Analysis	**20.09.2022 , 21.09.2022 , 22.09.2022 , 23.09.2022 , 24.09.2022**	**5hrs**
20	Thermal Analysis		
21	Signal Integrity		
22	Rule for Design for manufacturing .		
23	Rules for Design for assembly		
24	PCB Manufacturing Techniques:		
25	Film Master generation methods :	**26.09.2022 , 28.09.2022 , 29.09.2022 , 30.09.2022,1.10.2022**	**5hrs**
26	Study of photographic Film, Exposing and Developing Process.		
27	Study of various material used in Manufacturing of		
28	Printed Circuit Boards and properties of material.		
29	Cleaning Method of base materials before pattern transfer-Manual and Mechanical Cleaning Methods.		
		TOTAL	**30hrs**

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE ON PCB-DESIGN

STUDENTS NAME LIST:[IV,III,II,I] **DATE:13.08.2022 to 01.10.2022**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420319105301	BALAKRISHNAN .V	IV	V. Balakrishnan
2	420319105302	KRISHNARAJ. R	IV	R. Krishnaraj
3	420319105303	LASARVIJAY. B	IV	Lasar
4	420320105003	KARTHIGA. R	III	R. Karthiga
5	420320105006	SRIDEVI. S	III	S. Sridevi
6	420320105008	SUGANTHI. P	III	Sug P
7	420320105302	ARIRAJ. H	III	H. Ariraj
8	420320105303	ARULJOTHI .A	III	A. Aruljothi
9	420320105306	DHILIPKUMAR. S	III	S. Dhilipkumar
10	420320105307	DINESH. G	III	DINESH. G.
11	420320105308	GANAPATHY. I	III	I. Ganapathy
12	420320105310	NANDHAKUMAR. N	III	N. Nandhakumar
13	420320105311	PATCHAIAPPAN. M	III	Patchaiappan M.
14	420320105312	SOWNDARRAJ. D	III	D. Sowndharaj

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Dr. R. PANNEERDHASS M.E., Ph.D.,
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15	420321105001	BHARATHI. S	II	
16	420321105003	JAYAVEL .S	II	
17	420321105004	KALAI STALIN MARAN M	II	
18	420321105008	MOHAMED IMTHIYAS .E	II	
19	420321105009	NITHISHKUMAR.V	II	
20	420321105010	RAGUL. R	II	
21	420321105011	SABARI .S	II	
22	420321105012	SURIYA. M	II	
23	420321105013	VASANTHARAJ .R	II	
24	420321105014	VISHNU PRIYA. B	II	
25	420322105001	DURAIGURU. R	I	

COURSE CO-ORDINATOR **HOD** **PRINCIPAL**

Dr. R.PANNEERDHASS M.E.,Ph.D.,
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE ON PCB-DESIGN

DATE:13.08.2022 to 01.10.2022

ATTENDENCE SHEET:[IV,III,II,I]

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420319105301	BALAKRISHNAN .V															
2	420319105302	KRISHNARAJ. R															
3	420319105303	LASARVIJAY. B															
4	420320105003	KARTHIGA. R															
5	420320105006	SRIDEVI. S															
6	420320105008	SUGANTHI. P															
7	420320105302	ARIRAJ. H															
8	420320105303	ARULJOTHI .A															
9	420320105306	DHILIPKUMAR. S															
10	420320105307	DINESH. G															
11	420320105308	GANAPATHY. I															

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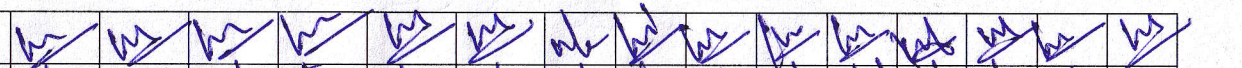
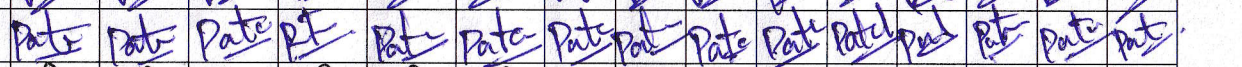
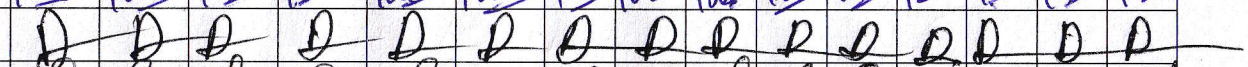
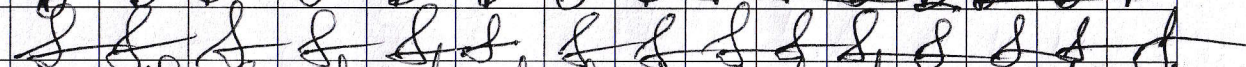
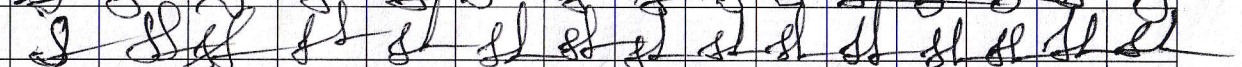
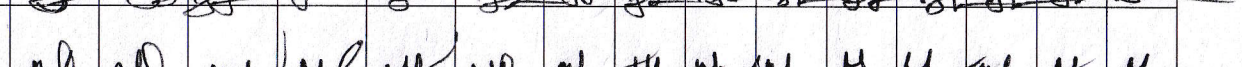
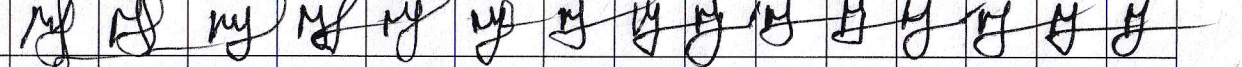
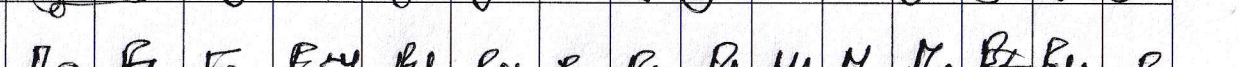
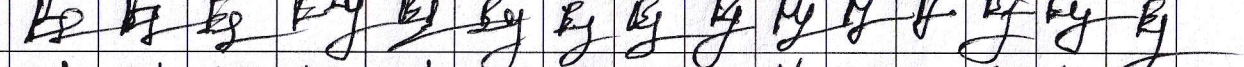
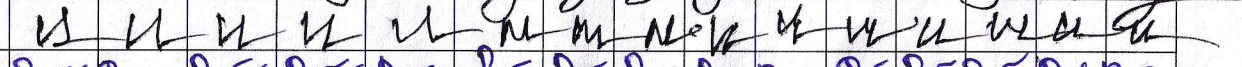
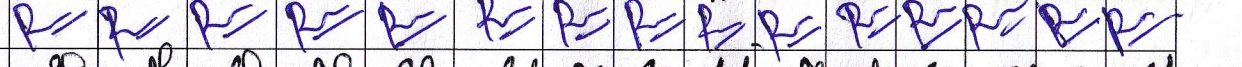
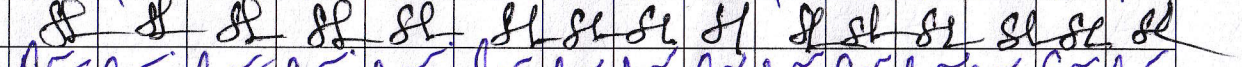
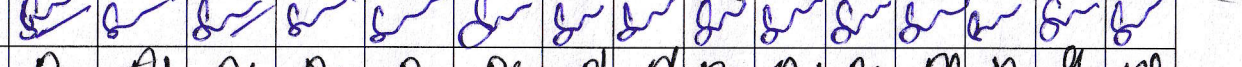
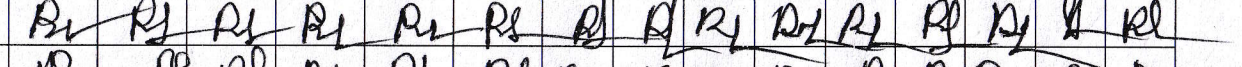
12	420320105310	NANDHAKUMAR. N	
13	420320105311	PATCHAIAPPAN. M	
14	420320105312	SOWNDARRAJ. D	
15	420321105001	BHARATHI. S	
16	420321105003	JAYAVEL .S	
17	420321105004	KALAI STALIN MARAN M	
18	420321105008	MOHAMED IMTHIYAS .E	
19	420321105009	NITHISHKUMAR.V	
20	420321105010	RAGUL. R	
21	420321105011	SABARI .S	
22	420321105012	SURIYA. M	
23	420321105013	VASANTHARAJ .R	
24	420321105014	VISHNU PRIYA. B	
25	420322105001	DURAIGURU. R	

A.R.E.C. VPM

Dr. R.PANNEERDHASS M.E.,Ph.D.
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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420319105301	BALAKRISHNAN .V															
2	420319105302	KRISHNARAJ. R															
3	420319105303	LASARVIJAY. B															
4	420320105003	KARTHIGA. R															
5	420320105006	SRIDEVI. S															
6	420320105008	SUGANTHI. P															
7	420320105302	ARIRAJ. H															
8	420320105303	ARULJOTHI .A															
9	420320105306	DHILIPKUMAR. S															
10	420320105307	DINESH. G															
11	420320105308	GANAPATHY. I															
12	420320105310	NANDHAKUMAR. N															
13	420320105311	PATCHAIAPPAN. M															
14	420320105312	SOWNDARRAJ. D															

A.R.E.C.

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15	420321105001	BHARATHI. S	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
16	420321105003	JAYAVEL .S	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
17	420321105004	KALAI STALIN MARAN M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
18	420321105008	MOHAMED IMTHIYAS .E	EG	EG	EG	EG	EG	EG	EG	EG	EG	EG	EG	EG	EG	EG	EG
19	420321105009	NITHISHKUMAR.V	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20	420321105010	RAGUL. R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
21	420321105011	SABARI .S	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
22	420321105012	SURIYA. M	R	R	S	S	S	R	S	S	S	S	S	S	S	S	S
23	420321105013	VASANTHARAJ .R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
24	420321105014	VISHNU PRIYA. B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
25	420322105001	DURAIGURU. R	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

COURSE CO-ORDINATOR

A.R.E.C. ★ VPM. ★

HOD

PRINCIPAL

Dr. R. [illegible]ERDHASS M.E.,Ph.D.,
PRINCIPAL
A.R. Engineering College,
Vadakuchipalayam, Kappiyampuliyur Post,
Villupuram-605 601.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE ON PCB-DESIGN

STUDENTS ASSESMENT MARK LIST:[IV,III,II,I] **DATE: 13.08.2022 to 01.10.2022**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420319105301	BALAKRISHNAN .V	IV	65
2	420319105302	KRISHNARAJ. R	IV	87
3	420319105303	LASARVIJAY. B	IV	81
4	420320105003	KARTHIGA. R	III	88
5	420320105006	SRIDEVI. S	III	95
6	420320105008	SUGANTHI. P	III	91
7	420320105302	ARIRAJ. H	III	94
8	420320105303	ARULJOTHI .A	III	65
9	420320105306	DHILIPKUMAR. S	III	95
10	420320105307	DINESH. G	III	85
11	420320105308	GANAPATHY. I	III	67
12	420320105310	NANDHAKUMAR. N	III	81
13	420320105311	PATCHAIAPPAN. M	III	84
14	420320105312	SOWNDARRAJ. D	III	95

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

15	420321105001	BHARATHI. S	II	85
16	420321105003	JAYAVEL .S	II	97
17	420321105004	KALAI STALIN MARAN M	II	91
18	420321105008	MOHAMED IMTHIYAS .E	II	56
19	420321105009	NITHISHKUMAR.V	II	60
20	420321105010	RAGUL. R	II	90
21	420321105011	SABARI .S	II	70
22	420321105012	SURIYA. M	II	80
23	420321105013	VASANTHARAJ .R	II	59
24	420321105014	VISHNU PRIYA. B	II	60
25	420322105001	DURAIGURU. R	I	80

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ONE PAGE REPORT

Department:	MECH
Type of Event:	value added course
Event Title:	PCB Design
Date & Time:	**13.08.2022 to 1.10.2022** & (5 pm -6 pm)
Venue :	AREC
Organizer:	AREC–MECH
Coordinator:	Mr.A.CHANDRASEKARAN
Resource person	Mr.S.UDHAYA KUMAR
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• PCB Design course conducted from **13.08.2022 to 1.10.2022** . Total duration of the course was 30 Hrs.Total 25 students have attended the course following was the objective of the course to understand the Concepts. • The Resource Person Mr.S.UDHAYA KUMAR HOD/Department of EEE have covered the topic completely.Students really enjoyed the session and learnt a lot. • Now students will be able to apply the concepts in advanced applications.

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This is to certify that Mr./Ms .....V.BALAKRISHNAN.....has participated in the 30 days Certificate program on "PCB DESIGN" organized by the Department of EEE, A R Engineering college , held on 13.8.2022 TO 1.10.2022

HOD

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DEPARTMENT OF SCIENCE AND HUMANITIES
PERMISSION LETTER

Date:04.08.2022

From

The Hod

Department of science and humanities

AR Engineering college

Kappiyampuliyur

TO

The principal

AR Engineering college
Kappiyampuliyur

SUB : Seeking permission to conduct value added course.

Respected Sir,

We are planning to conduct value added course **"Certificate course on python"on 13.08.2022 to 1.10.2022**.we request you to grant permission for the same.

Name of the Course : Certificate course on python

Course Co-ordinator : DR.V.GIRIJA
Assistant professor/Department of H&S
AR Engineering College
Kappiyampuliyur.

Thanking you

Your's sincerely

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF SCIENCE AND HUMANITIES
CIRCULAR

Date:06.08.2022

The Department of Science and Humanities has planned to conduct a value added course on **"Certificate course on python"**for first years ECE,EEE,CSE,CIVIL,MECH, I & II Year students from **13.08.2022 to 01.10.2022**

COURSE DETAILS:

Course title	Certificate course on python
Course code	104
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Schedule	**13.08.2022 to 1.10.2022**
Timing	5pm to 6pm
Course Co-Ordinator	DR.V.Girija
Resource person	MR.Sathiyaraj
Certificate	Yes

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DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE COURSE ON PYTHON

DATE:13.08.2022 to 03.10.2022

TOTAL Hours: 31

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Introduction	13.08.2022,16.08.2022, 17.08.2022,18.08.2022, 20.08.2022,22.08.2022, 23.08.2022,24.08.2022, 25.08.2022,26.08.2022	7hrs
2	Basic of Pythonspyder (tool)		
3	Sequence data types and associated operations		
4	Pandasdata frame and data frame related operations on Toyota Corolla data set		
5	What can Python do? ,Python Instal		
6	Why Python?		
7	Python Syntax contrasted(compared) with other programming dialects or languages.		
8	The print statement	29.08.2022 , 30.08.2022 , 01.09.2022 , 02.09.2022 , 03.09.2022	6hrs
9	Comments		
10	Python Data Structures & Data Types		
11	String Operations in Python		
12	Simple Input & Output		
13	Simple Output Formatting, Operators in python		
14	Indentation	05.09.2022 , 15.09.2022 , 16.09.2022 , 17.09.2022 , 19.09.2022	6hrs
15	The If statement and its' related statement(assertion)		
16	An example with if and it's related statement(explanation)		
17	The while loop		
18	The for loop		
19	The range statement		
20	Break & Continue	20.09.2022 , 21.09.2022 , 22.09.2022 , 23.09.2022 , 24.09.2022	6hrs
21	Assert		
22	Examples for looping		
23	Create your own functions		
24	Functions Parameters		
25	Variable Arguments		
26	Scope of a Function	26.09.2022 , 28.09.2022 , 29.09.2022 ,30.09.2022, 01.10.2022 ,03.10.2022	6hrs
27	Function Documentations		
28	Lambda Functions & map		
29	File handling Modes		
30	Exception handling with try		
31	handling Multiple Exception,Errors		
		TOTAL HRS	31 hrs

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DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE COURSE ON PYTHON

STUDENT NAME LIST :[I,II,III,IV-YEAR] **DATE:13.08.2022 to 03.10.2022**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420319104001	CHANDRU.M	IV	M. Chandru
2	420319104002	GOPINATH.K	IV	Gop
3	420319104003	REVATHY.E	IV	Revathy
4	420319104701	IYYAPAN.B	IV	Iyappan
5	420320104001	ANITHA. T	III	Anitha. T.
6	420320104003	BHUVANESHWARI .A	III	Bhuvan
7	420320104005	DESIYA. E	III	Desiya
8	420320104006	DEVI. R	III	DEVI. R.
9	420320104007	JANANI. R	III	Janani
10	420320104010	MAYILI. A	III	Mayili
11	420320104011	NARMADHA. S	III	Nar
12	420320104012	NAVEEN. R	III	Naveen.
13	420320104013	PRAKASH. M	III	Prakash

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14	420320104015	SONIYA. D	III	Soniya
15	420320104016	STEEPHEN JERO. P	III	Steephen
16	420320104017	SUGUMAR .S	III	Sugu
17	420320104018	SURENDAR. G	III	Syed
18	420320104304	SYED NAMEER. N	III	Venkate
19	420320104303	VENKATESH. T	III	Akash
20	420321104004	AKASH .M	II	Dhivagar
21	420321104007	DIVAGAR .G	II	Jagadeeshwaran
22	420321104010	JAGADEESHWARAN.T	II	Kanim
23	420321104011	KANIMOZHI.S	II	Kavipriya
24	420321104012	KAVIPRIYA.S	II	Madhan
25	420321104014	MADHAN M	II	Mageshwary
26	420321104016	MAGESHWARY.M	II	Mohana
27	420321104018	MOHANA PRIYA.A	II	Nithiyanandan
28	420321104019	NITHIYANANDAN. O	II	Ramana
29	420321104021	RAMANA.N	II	Revathi
30	420321104022	REVATHI.S	II	Sangeetha
31	420321104023	SANGEETHA .B	II	Surya
32	420321104026	SURYA.A	II	Surya.A
33	420321104027	VIJAY CHANDRAN.M	II	Vijay

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34	420321104028	VISHWHA.R	II	
35	420321104029	YUVARAJ.S	II	
36	420321104301	GUNAL. S	II	
37	420321104302	THAMIZHSELVAN. M	II	
38	420321104304	VISWESH. M	II	
39	420322104001	ABIRAMI. V	I	
40	420322104003	DEEPIGA. M	I	
41	420322104004	DHINESH. K	I	
42	420322104005	DILLIKUMAR. R	I	
43	420322104006	DILLIKUMARAN. B	I	
44	420322104007	ELAKKIYA .K	I	
45	420322104008	GAJA PRIYA. R	I	
46	420322104009	GOKUL. D	I	
47	420322104010	HARISH .U	I	
48	420322104011	IYYAPPAN .V	I	
49	420322104012	JAYAMUGILAN. M	I	
50	420322104014	KALAIYARASI. R	I	
51	420322104015	MADHUMITHA. P	I	
52	420322104016	MAHA DEVAN .D	I	
53	420322104017	MOHANRAJ .P	I	

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54	420322104018	NITHIKA .S	I	
55	420322104019	PRITHISHA. T	I	
56	420322104020	PRIYADHARSHINI. S	I	
57	420322104021	PURUSHOTHAMAN M	I	
58	420322104022	RAMESH KUMAR. R	I	
59	420322104023	SATHISH. E	I	
60	420322104024	SIVANESHWAR. E	I	
61	420322104025	SUNDAR. S	I	
62	420322104027	VAITHEESWARI .V	I	
63	420322104028	VENKATARAMANA. T	I	
64	420322104029	VIGNESH .I	I	

COURSE CO-ORDINATOR

A.R.E.C. VPM.

HOD

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DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE COURSE ON PYTHON

ATTENDENCE SHEET:[I,II,III,IV-YEAR] **DATE:13.08.2022 to 03.10.2022**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420319104001	CHANDRU.M															
2	420319104002	GOPINATH.K															
3	420319104003	REVATHY.E															
4	420319104701	IYYAPAN.B															
5	420320104001	ANITHA. T															
6	420320104003	BHUVANESHWARI .A															
7	420320104005	DESIYA. E															
8	420320104006	DEVI. R															
9	420320104007	JANANI. R															

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10	420320104010	MAYILI. A
11	420320104011	NARMADHA. S
12	420320104012	NAVEEN. R
13	420320104013	PRAKASH. M
14	420320104015	SONIYA. D
15	420320104016	STEEPHEN JERO. P
16	420320104017	SUGUMAR .S
17	420320104018	SURENDAR. G
18	420320104304	SYED NAMEER. N
19	420320104303	VENKATESH. T
20	420321104004	AKASH .M
21	420321104007	DIVAGAR .G
22	420321104010	JAGADEESHWARAN.T
23	420321104011	KANIMOZHI.S
24	420321104012	KAVIPRIYA.S
25	420321104014	MADHAN M
26	420321104016	MAGESHWARY.M
27	420321104018	MOHANA PRIYA.A
28	420321104019	NITHIYANANDAN. O
29	420321104021	RAMANA.N

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30	420321104022	REVATHI.S
31	420321104023	SANGEETHA .B
32	420321104026	SURYA.A
33	420321104027	VIJAY CHANDRAN.M
34	420321104028	VISHWHA.R
35	420321104029	YUVARAJ.S
36	420321104301	GUNAL. S
37	420321104302	THAMIZHSELVAN. M
38	420321104304	VISWESH. M
39	420322104001	ABIRAMI. V
40	420322104003	DEEPIGA. M
41	420322104004	DHINESH. K
42	420322104005	DILLIKUMAR. R
43	420322104006	DILLIKUMARAN. B
44	420322104007	ELAKKIYA .K
45	420322104008	GAJA PRIYA. R
46	420322104009	GOKUL. D
47	420322104010	HARISH .U
48	420322104011	IYYAPPAN .V
49	420322104012	JAYAMUGILAN. M

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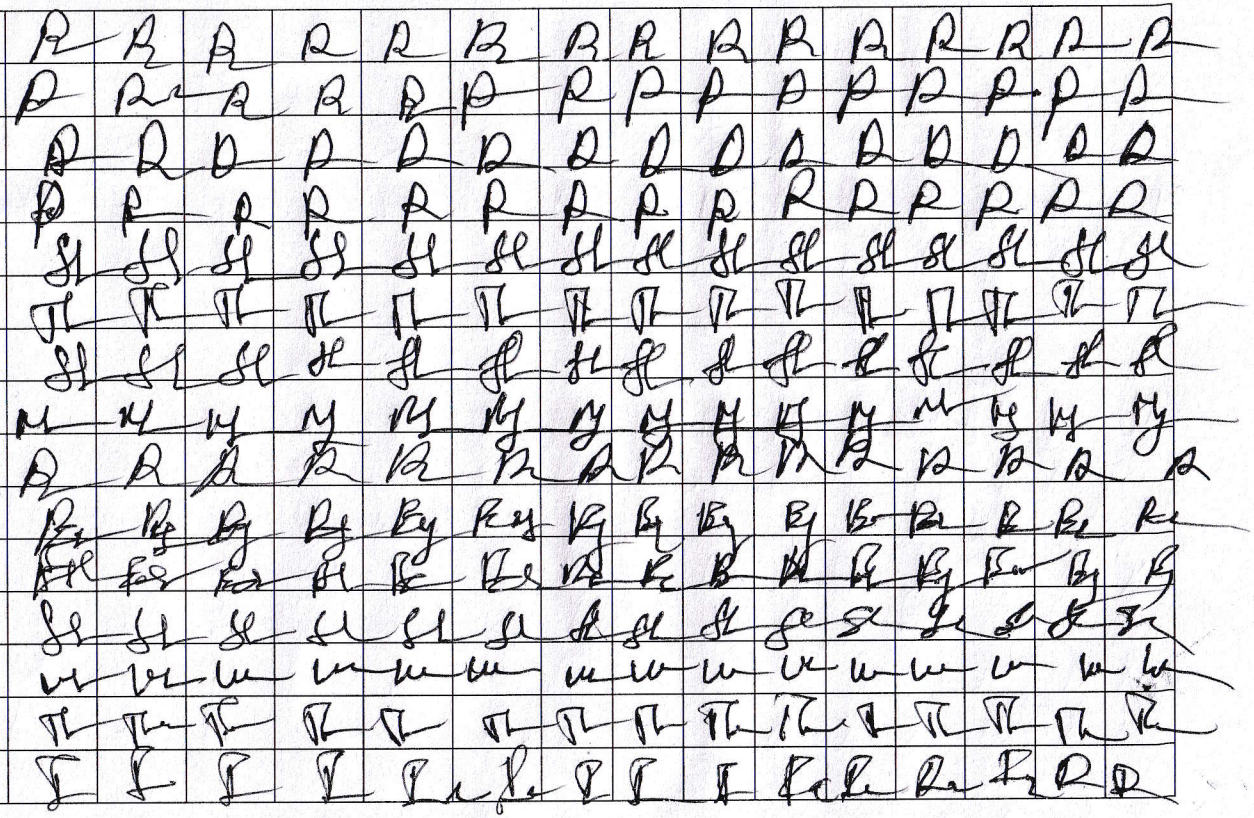
50	420322104014	KALAIYARASI. R	
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53	420322104017	MOHANRAJ .P	
54	420322104018	NITHIKA .S	
55	420322104019	PRITHISHA. T	
56	420322104020	PRIYADHARSHINI. S	
57	420322104021	PURUSHOTHAMAN M	
58	420322104022	RAMESH KUMAR. R	
59	420322104023	SATHISH. E	
60	420322104024	SIVANESHWAR. E	
61	420322104025	SUNDAR. S	
62	420322104027	VAITHEESWARI .V	
63	420322104028	VENKATARAMANA. T	
64	420322104029	VIGNESH .I	

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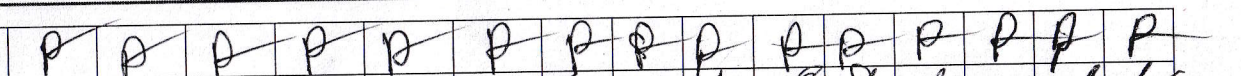
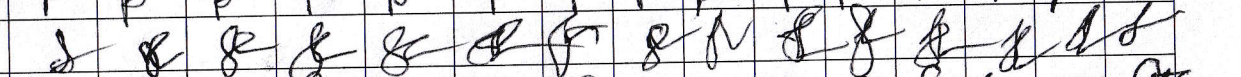
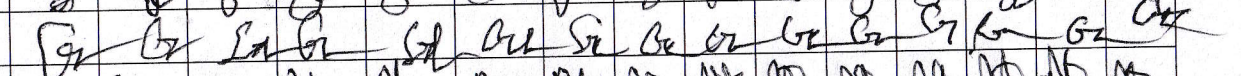
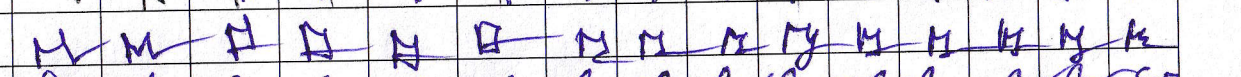
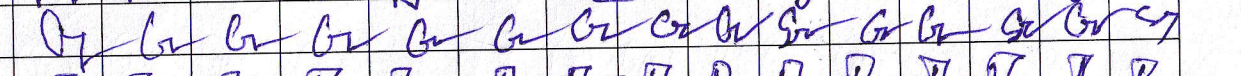
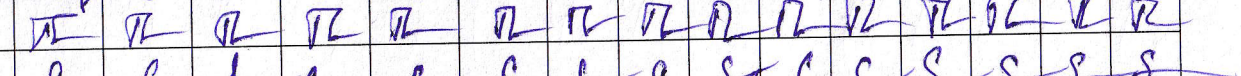
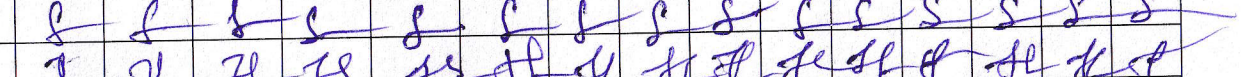
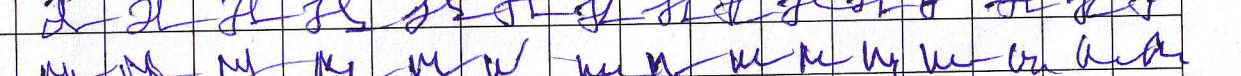
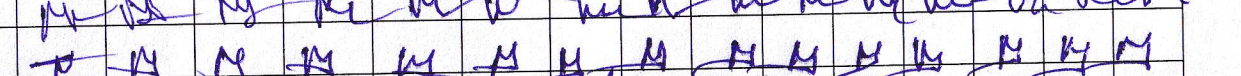
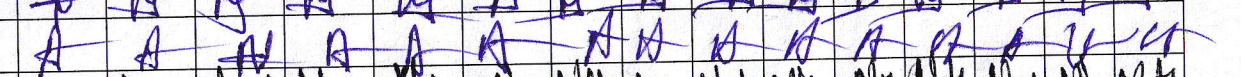
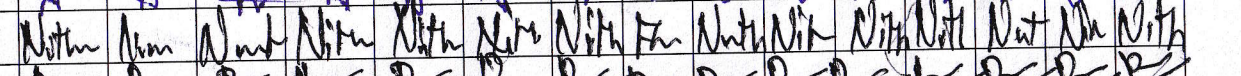
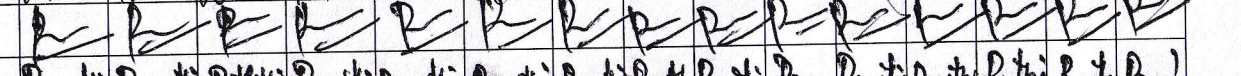
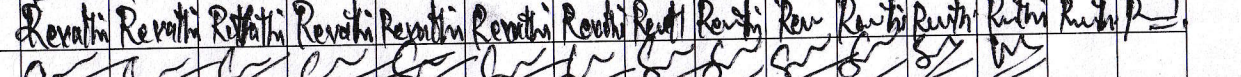
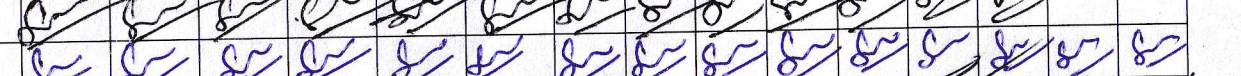
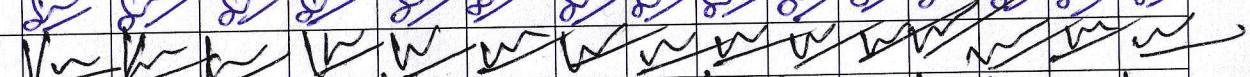
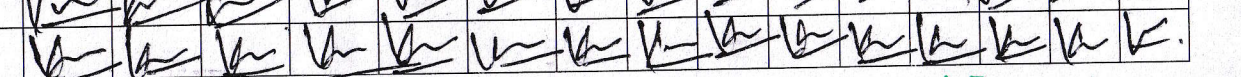
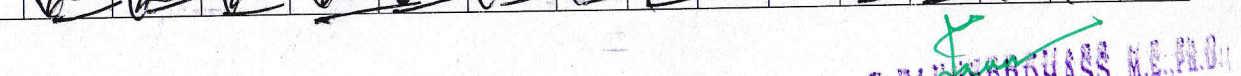
15	420320104016	STEEPHEN JERO. P	
16	420320104017	SUGUMAR .S	
17	420320104018	SURENDAR. G	
18	420320104304	SYED NAMEER. N	
19	420320104303	VENKATESH. T	
20	420321104004	AKASH .M	
21	420321104007	DIVAGAR .G	
22	420321104010	JAGADEESHWARAN.T	
23	420321104011	KANIMOZHI.S	
24	420321104012	KAVIPRIYA.S	
25	420321104014	MADHAN M	
26	420321104016	MAGESHWARY.M	
27	420321104018	MOHANA PRIYA.A	
28	420321104019	NITHIYANANDAN. O	
29	420321104021	RAMANA.N	
30	420321104022	REVATHI.S	
31	420321104023	SANGEETHA .B	
32	420321104026	SURYA.A	
33	420321104027	VIJAY CHANDRAN.M	
34	420321104028	VISHWHA.R	

A.R.E.C. VPM.

Dr. R. PANNEERDHASS M.E., Ph.D.
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55	420322104019	PRITHISHA. T	
56	420322104020	PRIYADHARSHINI. S	
57	420322104021	PURUSHOTHAMAN M	
58	420322104022	RAMESH KUMAR. R	
59	420322104023	SATHISH. E	
60	420322104024	SIVANESHWAR. E	
61	420322104025	SUNDAR. S	
62	420322104027	VAITHEESWARI .V	
63	420322104028	VENKATARAMANA. T	
64	420322104029	VIGNESH .I	

COURSE CO-ORDINATOR **HOD** **PRINCIPAL**

A.R.E.C. VPM

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DEPARTMENT OF SCIENCE AND HUMANITIES CERTIFICATE COURSE ON PYTHON

STUDENT ASSESMENT MARK LIST :[I,II,III,IV-YEAR] **DATE: 28.01.2023 To 04.03.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420319104001	CHANDRU.M	IV	A+
2	420319104002	GOPINATH.K	IV	B+
3	420319104003	REVATHY.E	IV	O
4	420319104701	IYYAPAN.B	IV	O
5	420320104001	ANITHA. T	III	O
6	420320104003	BHUVANESHWARI .A	III	B+
7	420320104005	DESIYA. E	III	O
8	420320104006	DEVI. R	III	O
9	420320104007	JANANI. R	III	A+
10	420320104010	MAYILI. A	III	B+
11	420320104011	NARMADHA. S	III	O
12	420320104012	NAVEEN. R	III	A+
13	420320104013	PRAKASH. M	III	B+

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

14	420320104015	SONIYA. D	III	A+
15	420320104016	STEEPHEN JERO. P	III	B
16	420320104017	SUGUMAR .S	III	A+
17	420320104018	SURENDAR. G	III	A+
18	420320104304	SYED NAMEER. N	III	O
19	420320104303	VENKATESH. T	III	A
20	420321104004	AKASH .M	II	B
21	420321104007	DIVAGAR .G	II	A+
22	420321104010	JAGADEESHWARAN.T	II	B
23	420321104011	KANIMOZHI.S	II	O
24	420321104012	KAVIPRIYA.S	II	A+
25	420321104014	MADHAN M	II	B
26	420321104016	MAGESHWARY.M	II	B+
27	420321104018	MOHANA PRIYA.A	II	B
28	420321104019	NITHIYANANDAN. O	II	B
29	420321104021	RAMANA.N	II	A+
30	420321104022	REVATHI.S	II	O
31	420321104023	SANGEETHA .B	II	B
32	420321104026	SURYA.A	II	O
33	420321104027	VIJAY CHANDRAN.M	II	A+

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KAPPIY

34	420321104028	VISHWHA.R	II	B+
35	420321104029	YUVARAJ.S	II	B
36	420321104301	GUNAL. S	II	O
37	420321104302	THAMIZHSELVAN. M	II	B+
38	420321104304	VISWESH. M	II	O
39	420322104001	ABIRAMI. V	I	B+
40	420322104003	DEEPIGA. M	I	B
41	420322104004	DHINESH. K	I	A+
=42	420322104005	DILLIKUMAR. R	I	O
43	420322104006	DILLIKUMARAN. B	I	A+
44	420322104007	ELAKKIYA .K	I	B
45	420322104008	GAJA PRIYA. R	I	O
46	420322104009	GOKUL. D	I	A+
47	420322104010	HARISH .U	I	O
48	420322104011	IYYAPPAN .V	I	A+
49	420322104012	JAYAMUGILAN. M	I	B+
50	420322104014	KALAIYARASI. R	I	B+
51	420322104015	MADHUMITHA. P	I	A+
52	420322104016	MAHA DEVAN .D	I	B
53	420322104017	MOHANRAJ .P	I	A

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VILLUPURAM-605 601.

	420322104018	NITHIKA .S	I	O
55	420322104019	PRITHISHA. T	I	O
56	420322104020	PRIYADHARSHINI. S	I	A+
57	420322104021	PURUSHOTHAMAN M	I	B
58	420322104022	RAMESH KUMAR. R	I	B
59	420322104023	SATHISH. E	I	A+
60	420322104024	SIVANESHWAR. E	I	B
61	420322104025	SUNDAR. S	I	B
62	420322104027	VAITHEESWARI .V	I	B+
63	420322104028	VENKATARAMANA. T	I	A+
64	420322104029	VIGNESH .I	I	B+

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ONE PAGE REPORT

Department:	S&H
Type of Event:	Certificate course on Python
Event Title:	Certificate course on Python
Date & Time:	**13.08.2022 to 03.10.2022** & (5 pm to 6 pm)
Venue :	AREC
Organizer:	AREC– S&H
Coordinator:	DR.V.GIRIJA
Resource person	MR.SATHIYARAJ
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 64 participants on **13.08.2022 to 03.10.2022 at** 10.00 am with welcome Address and introduction by the co-ordinator DR.V.GIRIJA,**AP/ S&H,AREC.** • Resource person MR.SATHIYARAJ HOD DEPARTMENT OF S&H has cover the basic of the Certificate course on Pythonand they demonstrated each and every concept. • The students will get hands-on experience in working with Python Students really enjoyed the session and learnt a lot. Now **64 students** will be able to apply the concept and its application.

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This is to certify that Mr./Ms .....NITHIKA.S.....has participated in the 31 days Certificate program on "PYTHON" organized by the Department of S&H, A R Engineering college , held on 13.8.2022 TO 3.10.2022

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENINGINEERING

PERMISSION LETTER

Date:15.03.2023

From

The Hod
Department of electronics and communication eningineering
AR Engineering college
Kappiyampuliyur

TO

The principal
AR Engineering college
Kappiyampuliyur

SUB : Permission to conduct value-add on Course.

Respected Sir,

As per the instruction from IQAC regarding add-on course we have planned to conduct the add-on course for the ECE students from **27.03.2023 To 08.06.2023.**

Name of the Course : VALUE ADDED-COURSE ON MACHINE LEARNING

Course Coordinator : Ms.R.Mahalakshmi
Assistant professor/Department of ECE
AR Engineering College
Kappiyampuliyur.

So kindly permit us to conduct the above course in online.

Thanking you

Your's sincerly

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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KAPPIYAMPULIYUR POST,
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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

CIRCULAR

Date:13.03.2023

SUB:Add-on course on Machine learning

It is planned to conduct the add-on course for the III & I year Electronics and communication engineering students. The add-on Courses that is designed and offered by our Department for the benefit of The students. add-on courses will be conducted free of cost and the willingness of students. Students who are willing to attend the below the mentioned course can Enroll their names to the course conductor.

COURSE DETAILS:

Course title	Value Add-on course on Machine learning
Course code	106
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	27.03.2023 to 08.06.2023
Timing	05 pm -6pm
Course Co-Ordinator	Ms.R.Mahalakshmi
Resource person	Mr.P.Saravanan
Certificate	Yes

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE"
on
Machine learning"
Department of ECE
27.03.2023 to 08.06.2023
Time:5pm to 6pm
Co-coordinator:
Ms.R.Mahalakshmi
Resource Person:
Mr.P.Saravanan
HOD/Department of ECE
Organized by
DEPARTMENT OF ECE
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601
Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION:
No registration fee. There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION
E-Certificates will be issued to those participants who attend all the sessions of the program .

Resource Person

Mr.P.Saravanan
HOD/Department of ECE
AREC
Kappiyampuliyur

Organizing co-ordinator:

Ms.R.Mahalakshmi
Assistant proffesor
Department of ECE
AREC
Kappiyampuliyur.

A.R ENGINEERING COLLEGE
Add-on course on Machine learning
27.03.2023 to 08.06.2023
Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :

E-mail :

Signature Of The Participant:
Date :
Place :
Participants need to register through A.R provide link on mentioned below :
Registration link :
https://arec.machine.vacc/signup

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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Dr.R.PANNEERDHASS,M.E.,Ph D.,
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KAPPIYAMPULIYUR POST,
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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

DATE:27.03.2023 to 08.06.2023 TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	ModuleI-Introduction to Python Programming	27.03.2023,28.03.2023, 29.03.2023,30.03.2023, 10.04.2023,11.04.2023,	6hrs
2	Python Installation with various IDE's		
3	Python dataTypes		
4	Control Structure Functions		
5	Module2-Data analysis and Exploration		
6	Introduction to machine learning	13.04.2023,17.04.2023, 18.04.2023, 19.04.2023 20.04.2023,21.04.2023	6hrs
7	Supervised machine learning		
8	Unsupervised machine learnings		
9	What You Will Learn in This Section.		
10	Why Machine Learning is the Future?		
11	What is Machine Learning?		
12	Understanding various aspects of data - Type, Variables, Category.	22.04.2023,28.04.2023 29.04.2023,02.05.2023 22.05.2023,	5hrs
13	Common Machine Learning Terms - Probability, Mean, Mode, , Range.		
14	Types of Machine Learning Models - Classification, Regression,		
15	Clustering etc.		
16	What You Will Learn in This Section.		
17	Why Machine Learning is the Future?	25.05.2023,26.05.2023, 27.05.2023 29.05.2023,31.05.2023, 01.06.2023,02.06.2023 ,	7hrs
18	What is Machine Learning?		
19	Understanding various aspects of data - Type, Variables, Category.		
20	Common Machine Learning Terms - Probability, Mean, Mode, , Range.	03.06.2023,04.06.2023, 05.06.2023,06.06.2023, 07.06.2023,08.06.2023	6hrs
21	Types of Machine Learning Models - Classification, Regression,		
22	Clustering etc.		
		TOTAL	30hrs

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Villupuram-605 601.

Objective:

Machine Learning is broad and growing sub-field of Artificial Intelligence.This course introduces students to the basic concepts and techniques of machine learning.The main objective of this course is to develop the skills required for Machine Learning Technologies with use of analyzed at,create beautiful visualizations, and problem solving using powerful machine learning algorithms. Expected Job Roles Machine Learingexpert/ Data Scientist .

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

VALUE ADDED COURSE ON MACHINE LEARNING

STUDENT NAME LIST:[I,III-Year] **DATE: 27.3.2023 to 8.6.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420320106001	GOMATHI P	III	
2	420320106002	GURUNATHAN R	III	
3	420320106302	ASHOKBARATHI E	III	
4	420320106303	KALANITHI J	III	
5	420320106304	PRIYADHARSHINI S	III	
6	420320106306	SUGUMARAN S	III	
7	420322106001	ANJANA DEVI. E	I	
8	420322106002	BOOBALAN .P	I	
9	420322106003	DHINESH . I	I	—
10	420322106004	ELAKKIYADHASA.S	I	
11	420322106005	JAYABHARATHI .G	I	
12	420322106006	KAVIYA. K	I	

A.R.E.C. VPM

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13	420322106007	MANISHA .D	I	D. Manisha
14	420322106009	VIJAYALAKSHMI. D	I	D. Vijayalakshmi

COURSE CO-ORDINATOR

HOD

PRINCIPAL

Dr. R. PANNEERSELVAM M.E., Ph.D.,
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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

VALUE ADDED COURSE ON MACHINE LEARNING

ATTENDENCE SHEET :[I,III-Year]

DATE: 27.3.2023 to 8.6.2023

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420320106001	GOMATHI P															
2	420320106002	GURUNATHAN R															
3	420320106302	ASHOKBARATHI E															
4	420320106303	KALANITHI J															
5	420320106304	PRIYADHARSHINI S															
6	420320106306	SUGUMARAN S															

A.R.E.C.

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7	420322106001	ANJANA DEVI. E	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana	E.Anjana
8	420322106002	BOOBALAN .P	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo	P.Boo
9	420322106003	DHINESH . I	-	-	-	-	-	-	-	-	-	-	-	-	-
10	420322106004	ELAKKIYADHASA.S	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak	S.Elak
11	420322106005	JAYABHARATHI .G	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya	J.Jaya
12	420322106006	KAVIYA. K	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya	K.Kaviya
13	420322106007	MANISHA .D	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha	D.Manisha
14	420322106009	VIJAYALAKSHMI. D	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya	D.Vijaya

A.R.E.C. VPM

Dr. R.PANNEERDHASS M.E.,Ph.D.,
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Vadakuchipalayam, Kappiyampuliyur Post,
Villupuram-605 601.

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420320106001	GOMATHI P															
2	420320106002	GURUNATHAN R															
3	420320106302	ASHOKBARATHI E															
4	420320106303	KALANITHI J															
5	420320106304	PRIYADHARSHINI S															
6	420320106306	SUGUMARAN S															
7	420322106001	ANJANA DEVI. E															
8	420322106002	BOOBALAN .P															
		DHINESH . I															

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9	420322106003																
10	420322106004	ELAKKIYADHASA.S															
11	420322106005	JAYABHARATHI .G															
12	420322106006	KAVIYA. K															
13	420322106007	MANISHA .D															
14	420322106009	VIJAYALAKSHMI. D															

COURSE CO-ORDINATOR

A.R.E.C. VPM.

HOD

PRINCIPAL

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

VALUE ADDED COURSE ON MACHINE LEARNING

STUDENT ASSESMENT MARK LIST:[I,III-Year] **DATE: 27.03.2023 to 08.06.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420320106001	GOMATHI P	III	A+
2	420320106002	GURUNATHAN R	III	B
3	420320106302	ASHOKBARATHI E	III	A+
4	420320106303	KALANITHI J	III	B+
5	420320106304	PRIYADHARSHINI S	III	O
6	420320106306	SUGUMARAN S	III	A+
7	420322106001	ANJANA DEVI. E	I	B+
8	420322106002	BOOBALAN .P	I	O
9	420322106003	DHINESH . I	I	A+
10	420322106004	ELAKKIYADHASA.S	I	A
11	420322106005	JAYABHARATHI .G	I	B

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12	420322106006	KAVIYA. K	I	A+
13	420322106007	MANISHA .D	I	A+
14	420322106009	VIJAYALAKSHMI. D	I	B+

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

VALUE ADDED COURSE ON MACHINE LEARNING

STUDENT ASSESMENT MARK LIST:[I,III-Year] **DATE: 27.03.2023 to 08.06.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420320106001	GOMATHI P	III	A+
2	420320106002	GURUNATHAN R	III	O
3	420320106302	ASHOKBARATHI E	III	A+
4	420320106303	KALANITHI J	III	B+
5	420320106304	PRIYADHARSHINI S	III	O
6	420320106306	SUGUMARAN S	III	O
7	420322106001	ANJANA DEVI. E	I	O
8	420322106002	BOOBALAN .P	I	B+
9	420322106003	DHINESH . I	I	B+
10	420322106004	ELAKKIYADHASA.S	I	O
11	420322106005	JAYABHARATHI .G	I	A+

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12	420322106006	KAVIYA. K	I	B+
13	420322106007	MANISHA .D	I	A+
14	420322106009	VIJAYALAKSHMI. D	I	O

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADA
KAPP

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ONE PAGE REPORT

Department:	ECE
Type of Event:	value added course
Event Title:	Machine learning
Date & Time:	27.03.2023 to 08.06.2023 & (5 pm- 6pm)
Venue :	AREC
Organizer:	AREC–ECE
Coordinator:	Ms.R.Mahalakshmi
Resource person:	Mr.P.Saravanan
Details of Participants:	Students and faculty members of AREC
Write-up on Event	**Following was the objective of the course:** • Introduction Programming Python • Data analysis and Exploration Machine Leaming • Machine learning and its Application The Resource person **Mr.P.Saravanan**HOD/Department of ECE have covered the above topic completely. Students really enjoyed the session and learnt a lot now 14 students will be able to apply the concepts in advance applications.

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This is to certify that Mr./Ms .....P.GOMATHI.....has participated in the 30 days Value added course on "Machine Learning" organized by the Department of ECE, A R Engineering college , held on 27.3.2023 to 08.6.2023 .

HOD

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DEPARTMENTOF CSE

PERMISSION LETTER

Date:18.03.2023

FROM

The HOD
Department of CSE
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB: Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct Value-added course on"**DOTNET**"on 27.03.2023 to 09.06.2023.
We request you to grant permission for the same.

Name of the Course: DOTNET

Course-Coordinator : Ms.R.Suganya
Assistant professor/Department of CSE
AR Engineering College
Kappiyampuliyur.

Thanking you

Your's sincerely

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

457 490

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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DEPARTMENTOF CSE
CIRCULAR

The II-Year students of the department of CSE, AR engineering college who are interested are hereby informed to enroll their names of the value-added course titled "DOTNET".

COURSE DETAILS:

Course title	VALUE ADDED COURSE ON DOTNET
Course code	103
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Schedule	27.03.2023 to 09.06.2023
Timing	5 pm – 6pm
Course Co-Ordinator	Ms. P.SUGANYA
Resource person	N.Muthukumaran
Certificate	Yes

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

458 49

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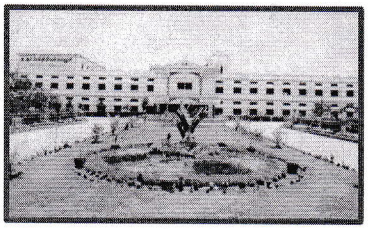
A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE"
on
"DOTNET"
Department of CSE
27.03.2023 to 09.06.2023
Time:05 pm-6 pm
Co-coordinator:
Ms.P.Suganya
Resource Person:
Mr.N.MUTHUKUMARAN
HOD/Department of CSE

Organized by
DEPARTMENT OF CSE
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION:
No registration fee. There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION
E-Certificates will be issued to those participants who attend all the sessions of the program .

Resource Person

Mr.N.MUTHUKUMARAN
HOD/Department of CSE
AREC
Kappiyampuliyur

Organizing co-ordinator:

Ms.P.Suganya
Assistant proffesor
Department of CSE
AREC
Kappiyampuliyur.

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE ON DOTNET
27.03.2023 to 09.06.2023
Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :

E-mail :

Signature Of The Participant:
Date :
Place :
Participants need to register through A.R provide link on mentioned below :
Registration link :
https://arec.dotnet.vacc/signup

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

A92

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF CSE

DOT-NET COURSE CONTENT

DATE:27.03.2023 to 09.06.2023 **TOTAL Hours: 31**

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Introducing dot net-the blg picture	27.03.2023,28.03.0223 , 29.03.2023,30.03.2023	4hrs
2	Characterize the NET Paradigm		
3	Describe Web Services	10.04.2023	1hrs
4	Building dot net-the frame work components		
5	Describe the NET Frame work		
6	Describe the Common Language	11.04.2023,13.04.2023, 17.04.2023,18.04.2023, 19.04.2023,20.04.2023	6hrs
7	RUN TIME(CLR)		
8	Compare the NET Class Frame work to all languages Specific Class Library		
9	Decide When to Use NET Windows.	21.04.2023,22.04.2023, 28.04.2023,29.04.2023, 02.05.2023,22.05.2023, 25.05.2023,26.05.2023	8hrs
10	Describe the Uses of Web Forms and Web Services		
11	MANAGE THE COMMON LANGUAGE RUN TIME		
12	Identify the Components of the CLR		
13	Describe Microsoft intermediate Language(MSIL).		
14	Distinguish between the NET Compilers	31.05.2023, 01.06.2023,02.06.2023, 03.06.2023 , 02.06.2023, 03.06.2023	6hrs
15	Describe How the CLR Manages Memory.		
16	Taking advantage of the common language run time		
17	Re-use Code,Describe Multiple Language Support in NET		
18	UNIFYING DOT NET THE CLASS FRAME WORK		
19	Describe the NET Class Frame work		
20	Describe the Purpose of Name spaces.	04.06.2023 , 05.06.2023 , 06.06.2023 , 07.06.2023 , 08.06.2023,09.06.2023	6hrs
21	To Use or Not to Use heritance		
22	Differentiate Between Interface and Inheritance Based Polymorphism.		
23	Introducing dot net-the blg picture		
24	Characterize the NET Paradiagram		
			31 hrs

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DEPARTMENT OF CSE
VALUE ADDED COURSE ON DOT-NET

STUDENTS NAME LIST :[II-YEAR]: **DATE: 27.3.2023 to 09.06.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420321104004	AKASH .M	II	M. Akash
2	420321104007	DIVAGAR .G	II	G. Divagar.
3	420321104010	JAGADEESHWARAN.T	II	T. Jagadeeshwaran
4	420321104011	KANIMOZHI.S	II	Kanimozhi. S
5	420321104012	KAVIPRIYA.S	II	S. Kavipriya
6	420321104014	MADHAN M	II	MADHAN. M
7	420321104016	MAGESHWARY.M	II	M. Mageshwary
8	420321104018	MOHANA PRIYA.A	II	A. Mohanapriya
9	420321104019	NITHIYANANDAN. O	II	O. Nithiyanandan
10	420321104021	RAMANA.N	II	N. Ramana
11	420321104022	REVATHI.S	II	Revathi. S
12	420321104023	SANGEETHA .B	II	B. Sangeetha

COURSE CO-ORDINATOR

HOD

PRINCIPAL

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON DOT-NET

ATTENDENCE SHEET:[II-YEAR]: **DATE: 27.3.2023 to 09.06.2023**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420321104004	AKASH .M															
2	420321104007	DIVAGAR .G															
3	420321104010	JAGADEESHWARAN.T															
4	420321104011	KANIMOZHI.S															
5	420321104012	KAVIPRIYA.S															
6	420321104014	MADHAN M															
7	420321104016	MAGESHWARY.M															
8	420321104018	MOHANA PRIYA.A															

A.R.E.C. VPM.

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9	420321104019	NITHIYANANDAN. O														
10	420321104021	RAMANA.N														
11	420321104022	REVATHI.S	S.R	S.R	S.R	S.R	S.R	S.R	S.R	S.R	S.R	S.R	S.R	S.R	S.R	S.R	S.R
12	420321104023	SANGEETHA .B														

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420321104004	AKASH .M															
2	420321104007	DIVAGAR .G															
3	420321104010	JAGADEESHWARAN.T															
4	420321104011	KANIMOZHI.S															
	420321104012	KAVIPRIYA.S															

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5																
6	420321104014	MADHAN M														
7	420321104016	MAGESHWARY.M														
8	420321104018	MOHANA PRIYA.A														
9	420321104019	NITHIYANANDAN. O														
10	420321104021	RAMANA.N														
11	420321104022	REVATHI.S														
12	420321104023	SANGEETHA .B														

COURSE CO-ORDINATOR

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON DOT-NET

STUDENTS ASSESMENT MARK LIST :[II-YEAR]: **DATE: 27.03.2023 to 09.06.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420321104004	AKASH .M	II	95
2	420321104007	DIVAGAR .G	II	77
3	420321104010	JAGADEESHWARAN.T	II	85
4	420321104011	KANIMOZHI.S	II	98
5	420321104012	KAVIPRIYA.S	II	65
6	420321104014	MADHAN M	II	85
7	420321104016	MAGESHWARY.M	II	82
8	420321104018	MOHANA PRIYA.A	II	75
9	420321104019	NITHIYANANDAN. O	II	65
10	420321104021	RAMANA.N	II	72
11	420321104022	REVATHI.S	II	85
12	420321104023	SANGEETHA .B	II	65

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DEPARTMENT OF CSE VALUE

VALUE ADDED COURSE ON DOT-NET

STUDENTS ASSESMENT MARK LIST :[II-YEAR]: **DATE: 27.03.2023 to 09.06.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420321104004	AKASH .M	II	90
2	420321104007	DIVAGAR .G	II	76
3	420321104010	JAGADEESHWARAN.T	II	85
4	420321104011	KANIMOZHI.S	II	96
5	420321104012	KAVIPRIYA.S	II	65
6	420321104014	MADHAN M	II	58
7	420321104016	MAGESHWARY.M	II	59
8	420321104018	MOHANA PRIYA.A	II	60
9	420321104019	NITHIYANANDAN. O	II	65
10	420321104021	RAMANA.N	II	49
11	420321104022	REVATHI.S	II	69
12	420321104023	SANGEETHA .B	II	65

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ONE PAGE REPORT

Department:	**CSE**
Type of Event:	Value Added Course
Event Title:	DOTNET
Date & Time:	27.03.2023 to 09.06.2023& (5 pm-6pm)
Venue :	AREC
Organizer:	AREC–CSE
Coordinator:	P.SUGANYA
Resourceperson	Mr.N.MUTHUKUMARAN
Details of Participants:	Students and faculty members of AREC
Write-up on Event	❖ DOT-NET course conducted on 27.03.2023 to 09.06.2023 Total duration of course was **31 hours**. Total **12 Students** have attended the course. ❖ This course elucidates concepts related to Internet of things.The students will get hands-on experience in working with **DOTNET**.Resource person **Mr.N.MUTHUKUMARAN** HOD of CSE has cover the basic of the **DOTNET** and they demonstrated each and every concept and also covered set. ❖ Students really enjoyed the session and learnt a lot. Now **12 students** will be able to apply the concept in advanced application.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

~~467~~ 506

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This is to certify that Mr./Ms .....M.AKASH.....has participated in the 31 days Values added course on " DOT-NET" organized by the Department of CSE, A R Engineering college , held on 27.3.2023 to 09.6.2023

HOD

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Dr.R.PAMEERDHASS M.E., Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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DEPARTMENT OF CSE & AI&DS
PERMISSION LETTER

Date:18.03.2023

From

The Hod
Department of CSE
AR Engineering college
Kappiyampuliyur

TO

The principal
AR Engineering college
Kappiyampuliyur

SUB :Seeking permission to conduct Value-added course.

Respected Sir,

We are planning to conduct Value-added course on"C#"on 27.03.2023 to 08.06.2023.We request you to grant permission for the same.

Name of the Course :C#

Course Coordinator : Ms.P.SUGANYA
Assistant professor/Department of CSE
AR Engineering College
Kappiyampuliyur.

Thanking you

Your's sincerely

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

469 502

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DEPARTMENT OF CSE & AI&DS
CIRCULAR

All the I & II year students of the department of CSE, AR college of engineering who are interested are hereby informed to enroll their names ofthe value added course titled "C#".

COURSE DETAILS :

Course title	VALUE ADDED COURSE ON C#
Course code	103
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	27.03.2023 to 08.06.2023
Timing	5 pm- 6pm
Course Co-Ordinator	Ms.P.Suganya
Resource person	Mr.N.Muthukumaran
Certificate	Yes

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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KAPPIYAMPULIYUR POST,
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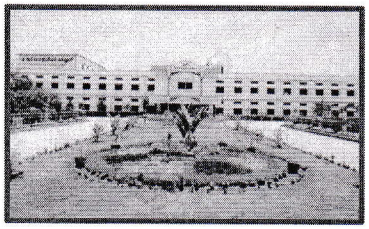
A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE"
on
"C#"
Department of CSE
27.03.2023 to 09.06.2023
Time:5 pm-6 pm
Co-coordinator:
Ms.P.Suganya
Resource Person:
Mr.N.MUTHUKUMARAN
HOD/Department of CSE
Organized by
DEPARTMENT OF CSE
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION:
No registration fee. There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION
E-Certificates will be issued to those participants who attend all the sessions of the program .

Resource Person

Mr.N.MUTHUKUMARAN
HOD/Department of CSE
AREC
Kappiyampuliyur

Organizing co-ordinator:

Ms.P.Suganya
Assistant proffesor
Department of CSE
AREC
Kappiyampuliyur.

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE ON
C#
27.03.2023 to 09.06.2023

Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :

E-mail :

Signature of The Participant:
Date :
Place :
Participants need to register through A.R provide link on mentioned below :
Registration link :
https://arec.c#.vacc/signup

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF CSE & AI&DS
VALUE ADDED COURSE ON C#

DATE:27.03.2023 to 08.06.2023 TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Getting Started	27.03.2023,28.03.2023,10.04.2023, 11.04.2023 ,13.04.2023,17.04.2023, 18.04.2023, 19.04.2023 , 20.04.2023	09hrs
2	C# fundamentals,Method parameters		
3	Classes and objects		
4	Class designs,Inheritance,Classes and structs		
5	Working with objects		
6	Exeception handling,Interface		
7	Resource management		
8	Delegates and events		
9	Delegates,The delegate keyword	21.04.2023,22.04.2023,28.04.2023, 29.04.2023,02.05.2023,22.05.2023,	6hrs
10	Assigning methods to deligates		
11	Events,Call backs,Standard events		
12	Windows programming		
13	Window forms, Control and components	27.05.2023,29.05.2023 31.05.2023,01.05.2023 02.05.2023,03.05.2023,04.05.2023 05.05.2023,06.05.2023	9hrs
14	Windows applications		
15	Threads		
16	Thread class, Time thread		
17	Interlocked monitor		
18	Generics and collection	07.05.2023,08.05.2023,25.05.2023,26.05.2023 , 07.06.2023 ,08.06.2023	6hrs
19	Generic methods and classes		
20	Generic Delegates,Indexes		
21	Stack and Queue		
22	Array List, List, Linked List		
		TOTAL	30hrs

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DEPARTMENT OF CSE & AIDS

VALUE ADDED COURSE ON C#

STUDENTS NAME LIST:[I,II-Year] **DATE: 27.3.2023 to 8.6.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420321104026	SURYA.A	II	
2	420321104027	VIJAY CHANDRAN.M	II	
3	420321104028	VISHWHA.R	II	
4	420321104029	YUVARAJ.S	II	
5	420321104301	GUNAL. S	II	
6	420321104302	THAMIZHSELVAN. M	II	
7	420321104304	VISWESH. M	II	
8	420322104001	ABIRAMI. V	I	
9	420322104003	DEEPIGA. M	I	
10	420322104004	DHINESH. K	I	
11	420322104005	DILLIKUMAR. R	I	
12	420322104006	DILLIKUMARAN. B	I	
13	420322104007	ELAKKIYA .K	I	
14	420322104008	GAJA PRIYA. R	I	
15	420322104009	GOKUL. D	I	

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16	420322104010	HARISH .U	I	
17	420322104011	IYYAPPAN .V	I	
18	420322104012	JAYAMUGILAN. M	I	
19	420322104014	KALAIYARASI. R	I	
20	420322104015	MADHUMITHA. P	I	
21	420322104016	MAHA DEVAN .D	I	
22	420322104017	MOHANRAJ .P	I	
23	420322104018	NITHIKA .S	I	
24	420322104019	PRITHISHA. T	I	
25	420322104020	PRIYADHARSHINI. S	I	
26	420322104021	PURUSHOTHAMAN M	I	
27	420322104022	RAMESH KUMAR. R	I	
28	420322104023	SATHISH. E	I	
29	420322104024	SIVANESHWAR. E	I	
30	420322104025	SUNDAR. S	I	
31	420322104027	VAITHEESWARI .V	I	
32	420322104028	VENKATARAMANA. T	I	
33	420322104029	VIGNESH .I	I	
34	420322243002	ANITHA.S	I	
35	420322243003	GUGAN.N	I	

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36	420322243004	KAVIYA.M	I	
37	420322243005	KEMASRI.Y	I	
38	420322243006	MOHANASUNDHARAM.S	I	
39	420322243007	PRAVEENA.S	I	
40	420322243009	PREMANANDHAN.S	I	
41	420322243010	ROSHINI.K	I	
42	420322243012	SOUMIYA.P	I	
43	420322243014	SUJITHRA.M	I	
44	420322243015	SURESH.R	I	
45	420322243016	SURYA.S	I	
46	420322243018	TAMILMANI.S	I	
47	420322243019	YOKESHWARAN.S	I	

COURSE CO-ORDINATOR **HOD** **PRINCIPAL**

Dr. R. PANNEERDHASS M.E., Ph.D.,
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DEPARTMENT OF CSE & AIDS
VALUE ADDED COURSE ON C#

ATTENDENCE SHEET:[I&II Year]

DATE: 27.3.2023 to 8.6.2023

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420321104026	SURYA.A															
2	420321104027	VIJAY CHANDRAN.M															
3	420321104028	VISHWHA.R															
4	420321104029	YUVARAJ.S															
5	420321104301	GUNAL. S															
6	420321104302	THAMIZHSELVAN. M															
7	420321104304	VISWESH. M															
8	420322104001	ABIRAMI. V															
9	420322104003	DEEPIGA. M															
10	420322104004	DHINESH. K															
11	420322104005	DILLIKUMAR. R															

A.R.E.C. VPM

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12	420322104006	DILLIKUMARAN. B														
13	420322104007	ELAKKIYA .K														
14	420322104008	GAJA PRIYA. R														
15	420322104009	GOKUL. D														
16	420322104010	HARISH .U														
17	420322104011	IYYAPPAN .V														
18	420322104012	JAYAMUGILAN. M														
19	420322104014	KALAIYARASI. R														
20	420322104015	MADHUMITHA. P														
21	420322104016	MAHA DEVAN .D														
22	420322104017	MOHANRAJ .P														
23	420322104018	NITHIKA .S														
24	420322104019	PRITHISHA. T														
25	420322104020	PRIYADHARSHINI. S														
26	420322104021	PURUSHOTHAMAN M														
27	420322104022	RAMESH KUMAR. R														
28	420322104023	SATHISH. E														
29	420322104024	SIVANESHWAR. E														
30	420322104025	SUNDAR. S														
31	420322104027	VAITHEESWARI .V														
32	420322104028	VENKATARAMANA. T														
33	420322104029	VIGNESH .J														

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34	420322243002	ANITHA.S															
35	420322243003	GUGAN.N															
36	420322243004	KAVIYA.M															
37	420322243005	KEMASRI.Y															
38	420322243006	MOHANASUNDHARAM.S															
39	420322243007	PRAVEENA.S															
40	420322243009	PREMANANDHAN.S															
41	420322243010	ROSHINI.K															
42	420322243012	SOUMIYA.P															
43	420322243014	SUJITHRA.M															
44	420322243015	SURESH.R															
45	420322243016	SURYA.S															
46	420322243018	TAMILMANI.S															
47	420322243019	YOKESHWARAN.S															

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
1	420321104026	SURYA.A															
2	420321104027	VIJAY CHANDRAN.M															
3	420321104028	VISHWHA.R															
4	420321104029	YUVARAJ.S															
5	420321104301	GUNAL. S															
6	420321104302	THAMIZHSELVAN. M															
7	420321104304	VISWESH. M															
8	420322104001	ABIRAMI. V															
9	420322104003	DEEPIGA. M															
10	420322104004	DHINESH. K															
11	420322104005	DILLIKUMAR. R															
12	420322104006	DILLIKUMARAN. B															
13	420322104007	ELAKKIYA .K															

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14	420322104008	GAJA PRIYA. R	
15	420322104009	GOKUL. D	
16	420322104010	HARISH .U	
17	420322104011	IYYAPPAN .V	
18	420322104012	JAYAMUGILAN. M	
19	420322104014	KALAIYARASI. R	
20	420322104015	MADHUMITHA. P	
21	420322104016	MAHA DEVAN .D	
22	420322104017	MOHANRAJ .P	
23	420322104018	NITHIKA .S	
24	420322104019	PRITHISHA. T	
25	420322104020	PRIYADHARSHINI. S	
26	420322104021	PURUSHOTHAMAN M	
27	420322104022	RAMESH KUMAR. R	
28	420322104023	SATHISH. E	
29	420322104024	SIVANESHWAR. E	
30	420322104025	SUNDAR. S	
31	420322104027	VAITHEESWARI .V	
32	420322104028	VENKATARAMANA. T	
33	420322104029	VIGNESH .I	
34	420322243002	ANITHA.S	
35	420322243003	GUGAN.N	

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36	420322243004	KAVIYA.M	
37	420322243005	KEMASRI.Y	
38	420322243006	MOHANASUNDHARAM. S	
39	420322243007	PRAVEENA.S	
40	420322243009	PREMANANDHAN.S	
41	420322243010	ROSHINI.K	
42	420322243012	SOUMIYA.P	
43	420322243014	SUJITHRA.M	
44	420322243015	SURESH.R	
45	420322243016	SURYA.S	
46	420322243018	TAMILMANI.S	
47	420322243019	YOKESHWARAN.S	

COURSE CO-ORDINATOR

HOD

PRINCIPAL

Dr. R.PANNEERDHASS M.E.,Ph.D.,
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DEPARTMENT OF CSE & AIDS

VALUE ADDED COURSE ON C#

STUDENTS ASSESMENT MARK LIST:[I,II-Year] **DATE:27.03.2023 to 08.06.2023**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420321104026	SURYA.A	II	85
2	420321104027	VIJAY CHANDRAN.M	II	85
3	420321104028	VISHWHA.R	II	68
4	420321104029	YUVARAJ.S	II	85
5	420321104301	GUNAL. S	II	74
6	420321104302	THAMIZHSELVAN. M	II	75
7	420321104304	VISWESH. M	II	85
8	420322104001	ABIRAMI. V	I	96
9	420322104003	DEEPIGA. M	I	53
10	420322104004	DHINESH. K	I	85
11	420322104005	DILLIKUMAR. R	I	98
12	420322104006	DILLIKUMARAN. B	I	63
13	420322104007	ELAKKIYA .K	I	95
14	420322104008	GAJA PRIYA. R	I	65

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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15	420322104009	GOKUL. D	I	85
16	420322104010	HARISH .U	I	74
17	420322104011	IYYAPPAN .V	I	65
18	420322104012	JAYAMUGILAN. M	I	65
19	420322104014	KALAIYARASI. R	I	98
20	420322104015	MADHUMITHA. P	I	88
21	420322104016	MAHA DEVAN .D	I	78
22	420322104017	MOHANRAJ .P	I	98
23	420322104018	NITHIKA .S	I	98
24	420322104019	PRITHISHA. T	I	65
25	420322104020	PRIYADHARSHINI. S	I	95
26	420322104021	PURUSHOTHAMAN M	I	85
27	420322104022	RAMESH KUMAR. R	I	78
28	420322104023	SATHISH. E	I	65
29	420322104024	SIVANESHWAR. E	I	65
30	420322104025	SUNDAR. S	I	98
31	420322104027	VAITHEESWARI .V	I	71
32	420322104028	VENKATARAMANA. T	I	98
33	420322104029	VIGNESH .I	I	96
34	420322243002	ANITHA.S	I	98

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35	420322243003	GUGAN.N	I	85
36	420322243004	KAVIYA.M	I	75
37	420322243005	KEMASRI.Y	I	65
38	420322243006	MOHANASUNDHARAM.S	I	63
39	420322243007	PRAVEENA.S	I	61
40	420322243009	PREMANANDHAN.S	I	78
41	420322243010	ROSHINI.K	I	96
42	420322243012	SOUMIYA.P	I	85
43	420322243014	SUJITHRA.M	I	65
44	420322243015	SURESH.R	I	61
45	420322243016	SURYA.S	I	68
46	420322243018	TAMILMANI.S	I	63
47	420322243019	YOKESHWARAN.S	I	75

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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VILLUPURAM
605 601

484
517

A R ENGINEERING COLLEGE

(Approved by AICTE New Delhi Affiliated to Anna university,chennai)
Vadakuchipalayam, kappiyampuliyur po, Villupuram 605 601.

This is to certify that Mr./Ms .....A.SURYA.....has participated in the 30 days Certificate course on " C#" organized by the Department of CSE, A R Engineering college , held on 27.3.2023 to 08.6.2023

HOD

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

PRINCIPAL

Dr.R ... HASS, M.E ...
... AL
... COLLEGE
A.R.E ...
VA...
KAPPIY...
VILLUPURAM-605 ...

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This is to certify that Mr./Ms .....YOKESHWARAN.S.....has participated in the 30 days Certificate course on " C#" organized by the Department of CSE, A R Engineering college , held on 27.3.2023 to 08.6.2023

HOD

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PRINCIPAL

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PRINCIPAL
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KAPPIYAMPULIYUR POST,
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ACADEMIC YEAR

2021 - 2022

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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KAPPIYAMPULIYUR POST,
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DEPARTMENT OF CSE

PERMISSION LETTER

Date:04.08.2021

From

The Hod

Department of CSE
AR Engineering college

Kappiyampuliyur

TO

The principle

AR Engineering college

Kappiyampuliyur

SUB: Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct Value added course on**"SEO"on** 19.08.2021 TO 25.09.2021.We request you to grant permission for the same.

Thanking you,

Your`s sincerely

Dr.R.PANNEERDHASS,M.E.,Ph.D
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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DEPARTMENT OF CSE

CIRCULAR

Date: 07.08.2021

All the students of the department of CSE, AR college of engineering who are interested are hereby informed to enroll their names of the "value added course titled SEO".

COURSE DETAILS:

Course title	VALUE ADDED COURSE ON SEO
Course code	VACSE101
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	19.08.2021 TO 25.09.2021
Timing	5 PM TO 6 PM
Course Co-Ordinator	Mrs.M.Priya/AP CSE
Resource person	Dr.K.Dhanalakshmi/HOD CSE CKT college of Engineering
Certificate	Yes

K. Dhanalakshmi

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph D.,
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KAPPIYAMPULIYUR POST,
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A.R ENGINEERING COLLEGE
"VALUE ADDED COURSE ON SEO"
Department of Cse

19.08.2021 TO 25.09.2021

Time:05.00 pm to 06.00 pm

Co-ordinator:

Mrs.M.Priya

AP/Department of Cse

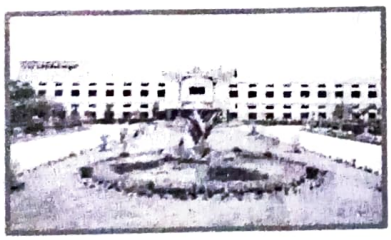
Resource Person:

Mrs.K.Dhanalakshmi

HOD/Department of Cse

CKT College of Engineering

Organized by
DEPARTMENT OF CSE
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Understand consumer keyword search behavior and perform a gap analysis.
- To optimize a website's technical configuration content relevance and link popularity.

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE
ON SEO
19.08.2021 TO 25.09.2021
Registration form

Name:

Designation:

College:

Branch:

Address:

Whatsapp No:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.course./signin

For more information contact

Course coordinator:9159166467

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF CSE

VALUE ADDED COURSE ON SEO

DATE: 19.08.2021 TO 25.09.2021 Total Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	ON-PAGESEO Content quality Keywords Image optimization Internal links	19.08.2021 /21.08.2021 /23.08.2021 /24.08.2021 /25.08.2021/26.08.2021	6 hrs
2	External links IMAGESEO Keywords Meta data Compression Dimensions Lazy loading	27.08.2021 /28.08.2021 /31.08.2021 /1.09.2021/2.09.2021 3.09.2021/4.09.2021 6.09.2021/7.09.2021	9 hrs
3	VIDEO SEO Quality,Keywords Meta,Schema,Back jinks	8.09.2021/9.09.2021 /11.09.2021/13.09.2021 /14.09.2021 15.09.2021/16.09.2021 /17.09.2021/18.09.2021 /20.09.2021	10 hrs
4	Social signals,LOCAL SEO Listing Reviews Keywords Social data	21.09.2021/22.09.2021/ 23.09.2021/24.09.2021/ 25.09.2021	5 hrs
		TOTAL	30 hrs

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF CSE
VALUE ADDED COURSE ON SEO

STUDENTS NAME LIST:[III,IV-YEAR] **DATE:19.08.2021 TO 25.09.2021**

S.NO	REG NO	NAME	SIGNATURE
1	420319104001	CHANDRU M	Chandru M
2	420319104002	GOPINATH K	Gopinatha.
3	420319104003	REVATHY E	Revathi.
4	420319104501	JAYASRI V	Jaya
5	420319104701	IYYAPPAN.B	Iyyappan.
6	420318104001	ABITHA.A	Abi
7	420318104002	AMIRTHALAKSHMI V	Amirthi...
8	420318104003	ANANDHI S	Anandhi...
9	420318104004	BHUVANESHWARI G	Bhuvaneshwari
10	420318104005	GIRIPRASATH K	Giriprasathi.
11	420318104007	GUNASEELAN G	Guna...
12	420318104008	KAVITHENDRAL K	Kavithendral.
13	420318104009	KAVITHRA K	Kavithra
14	420318104010	MANGALAMBIGAI A	Mangalambigai.

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PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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KAPPIYAMPULIYUR POST,
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15	420318104011	SANTHI J	
16	420318104012	STEPHENRAJ R	
17	420318104013	SUJATHA A	
18	420318104014	SWARNALAKSHMI B	
19	420318104016	VARADHARAJA PERUMAL L	
20	420318104018	YUVARAJ V	

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF CSE
VALUE ADDED COURSE ON SEO

ATTENDENCE SHEET: [III,IV-YEAR] **DATE: 19.08.2021 TO 25.09.2021**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			19.8.2021	21.8.2021	23.8.2021	24.8.2021	25.8.2021	26.8.2021	27.8.2021	28.8.2021	31.8.2021	1.9.2021	2.9.2021	3.9.2021	4.9.2021	6.9.2021	7.9.2021
1	420319104001	CHANDRU M															
2	420319104002	GOPINATH K															
3	420319104003	REVATHY E															
4	420319104501	JAYASRI V															
5	420319104701	IYYAPPAN.B															
6	420318104001	ABITHA.A															
7	420318104002	AMIRTHALAKSHMI V															
8	420318104003	ANANDHI S															
9	420318104004	BHUVANESHWARI G															
10	420318104005	GIRIPRASATH K															

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11	420318104007	GUNASEELAN G	
12	420318104008	KAVITHENDRAL K	
13	420318104009	KAVITHRA K	
14	420318104010	MANGALAMBIGAI A	
15	420318104011	SANTHI J	
16	420318104012	STEPHENRAJ R	
17	420318104013	SUJATHA A	
18	420318104014	SWARNALAKSHMI B	
19	420318104016	VARADHARAJA PERUMAL L	
20	420318104018	YUVARAJ V	

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			8.9.2021	9.9.2021	11.9.2021	13.9.2021	14.9.2021	15.9.2021	16.9.2021	17.9.2021	18.9.2021	20.9.2021	21.9.2021	22.9.2021	23.9.2021	24.9.2021	25.9.2021
1	420319104001	CHANDRU M															
2	420319104002	GOPINATH K															
3	420319104003	REVATHY E															
4	420319104501	JAYASRI V															
5	420319104701	IYYAPPAN.B															
6	420318104001	ABITHA.A															
7	420318104002	AMIRTHALAKSHMI V															
8	420318104003	ANANDHI S															
9	420318104004	BHUVANESHWARI G															
10	420318104005	GIRIPRASATH K															
11	420318104007	GUNASEELAN G															
12	420318104008	KAVITHENDRAL K															
13	420318104009	KAVITHRA K															

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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14	420318104010	MANGALAMBIGAI A	
15	420318104011	SANTHI J	
16	420318104012	STEPHENRAJ R	
17	420318104013	SUJATHA A	
18	420318104014	SWARNALAKSHMI B	
19	420318104016	VARADHARAJA PERUMAL L	
20	420318104018	YUVARAJ V	

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DEPARTMENTOF CSE VALUE
ADDED COURSE ON SEO

STUDENTS NAME LIST:[III,IV-YEAR] **DATE:19.08.2021 TO 25.09.2021**

S.NO	REG NO	NAME	MARKS
1	420319104001	CHANDRU M	A+
2	420319104002	GOPINATH K	B
3	420319104003	REVATHY E	B+
4	420319104501	JAYASRI V	A
5	420319104701	IYYAPPAN.B	A+
6	420318104001	ABITHA.A	A
7	420318104002	AMIRTHALAKSHMI V	B+
8	420318104003	ANANDHI S	A+
9	420318104004	BHUVANESHWARI G	B+
10	420318104005	GIRIPRASATH K	O
11	420318104007	GUNASEELAN G	A+
12	420318104008	KAVITHENDRAL K	B+
13	420318104009	KAVITHRA K	B+
14	420318104010	MANGALAMBIGAI A	O
15	420318104011	SANTHI J	B

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KAPPIYAMPULIYUR POST,
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16	420318104012	STEPHENRAJ R	B
17	420318104013	SUJATHA A	A
18	420318104014	SWARNALAKSHMI B	O
19	420318104016	VARADHARAJA PERUMAL L	B
20	420318104018	YUVARAJ V	A+

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENTOF CSE VALUE ADDED COURSE ON SEO

STUDENTS NAME LIST:[III,IV-YEAR] **DATE:19.08.2021 TO 25.09.2021**

S.NO	REG NO	NAME	MARKS
1	420319104001	CHANDRU M	A+
2	420319104002	GOPINATH K	A
3	420319104003	REVATHY E	A+
4	420319104501	JAYASRI V	A
5	420319104701	IYYAPPAN.B	A+
6	420318104001	ABITHA.A	A+
7	420318104002	AMIRTHALAKSHMI V	B+
8	420318104003	ANANDHI S	A+
9	420318104004	BHUVANESHWARI G	A
10	420318104005	GIRIPRASATH K	O
11	420318104007	GUNASEELAN G	A+
12	420318104008	KAVITHENDRAL K	B
13	420318104009	KAVITHRA K	B+
14	420318104010	MANGALAMBIGAI A	O
15	420318104011	SANTHI J	B+

Dr.R.PANNEERDHASS,M.E.,PH.D.,
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VILLUPURAM-605 601.

16	420318104012	STEPHENRAJ R	A+
17	420318104013	SUJATHA A	B
18	420318104014	SWARNALAKSHMI B	A
19	420318104016	VARADHARAJA PERUMAL L	O
20	420318104018	YUVARAJ V	A+

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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ONE PAGE REPORT

Department:	Computer science
Type of Event:	Value added course
Event Title:	SEO
Date & Time:	19.08.2021 TO 25.09.2021(5pm to 6 pm)
Venue :	AREC
Organizer:	AREC–Computer science & Engineering
Coordinator:	Mrs.M.Priya AP/CSE
Resource Person	Dr.K.DHANALAKSHMI/HOD CSE CKT college of Engineering
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with participants on 19.08.2021 TO 25.09.2021 at 05.00pm with welcome Address and introduction by the co-ordinator **Mrs.M.Priya,AP/CSE,AREC.** • Resource person Dr.K.DHANALAKSHMI/HOD CSE CKT college of Engineering has cover the basic of the **SEO** and they demonstrated each and every concept. • The students will get hands-on experience in working with **SEO** Students really enjoyed the session and learnt a lot. Now **20 students** will be able to apply the concept and its application. • **Ms.V.Ananthi, AP/CSE,AREC,**proposed the vote of thanks to the participants and organizers.

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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Vadakuchipalayam, Kappiyampuliyur PO,Villupuram 605 601.

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. ANITHA T has participated in the 30 days Value added course on SEO organized by the Department of CSE , A.R. Engineering College, held 19.08.2021 TO 25.09.2021

HOD
Department of CSE

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF MECHANICALENGINEERING
PERMISSION LETTER

Date:03.08.2021

From

The Hod
Departmentof MECH
AR Engineering college
Kappiyampuliyur

TO

The principle
AR Engineering college
Kappiyampuliyur

SUB:Seeking permission to conduct value added course on **SIMULATION AND ANALYSIS USING ANSYS** to our students.

Respected Sir,

As part of academic excellence, it is planned to conduct value added course to our students in the field of machine parts design.The duration of the program is planned as 31 hours and it is scheduled between 19.08.2021 TO 27.09.2021 your kind permission is sought for the conduct of the programme.

Thanking you

YOUR'S SINCERELY

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

Date : 07.08.2021

SUB: Value added course on simulation and analysis using Ansys.

It is planned to conduct the value added course for the third and final year Mechanical Engineering students.The value added course is a certificate course which our mechanical department for the benefit of the students.The course will be conducted at free of cost and willingness of students.Students who are willing to attend the below mentioned course can enroll their name to the course co-ordinator.

COURSE DETAILS :

Course title	Value added course on simulation and analysis using Ansys
Course code	VACMECH102
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Venue	ONLNE
Schedule	19.08.2021 TO 27.09.2021
Timing	5 pm to 6 pm
Course Co-Ordinator	Mr.M.MAGESH
Resource person	Dr.R.ANBAZHAGAN
Certificate	Yes

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A.R.ENGINEERING COLLEGE VILLUPURAM

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF MECHANICALENGINEERING

DATE: 19.08.2021 TO 27.09.2021 TOTAL Hours: 31

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Introduction of FEM and basics & basics of ANSYS	19.08.2021 /21.08.2021 /23.08.2021 /24.08.2021 /25.08.2021/26.08.2021	6 hrs
2	Modelling in ANSYS		
3	Meshing inANSYS		
4	Non-Linear structural analysis		
5	Analyzing the force and stress in mechanical components.		
6	Analyzing deflection in mechanical components.	27.08.2021 /28.08.2021 /31.08.2021 /1.09.2021/2.09.2021	5 hrs
7	Analyzing thermal stress of mechanical components.		
8	Analyzing heat transfer in mechanical components..		
9	Analyzing the vibration of mechanical components.		
10	Analyzing the force and stress in mechanical components.		
11	Study of Basics in ANSYS	3.09.2021/4.09.2021 6.09.2021/7.09.2021	4 hrs
12	Stress analysis of a plate with a circular hole		
13	Stress analysis of rectangular L bracket		
14	Stress analysis of cantilever beam		
15	Stress analysis of simply supported beam		
16	Stress analysis of fixed beam	8.09.2021/9.09.2021 /11.09.2021/13.09.2021 /14.09.2021 15.09.2021/16.09.2021 /17.09.2021/18.09.2021 /20.09.2021	10 hrs
17	Stress analysis of an axi-symmetric component		
18	Thermal stress analysis of a 2D component		
19	Conductive heat transfer analysis of a 2D component		
20	Convective heat transfer analysis of a 2D component		
21	Mode frequency analysis of cantilever beam		
22	Mode frequency analysis of simply supported beam	21.09.2021/22.09.2021/ 23.09.2021/24.09.2021/ 25.09.2021/27.09.2021	6 hrs
23	Harmonic analysis of a 2D component		
24	Stress analysis of a truss		
25	Introduction to MAT LAB		
26	Simulation of Spring-mass system using MAT LAB		
27	Simulation of cam and follower mechanism using MATLAB		
		TOTAL	31 hrs

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON SIMULATION AND ANALYSIS USING ANSYS

STUDENT NAME LIST:[III,IV-Year] **DATE: 19.08.2021 TO 27.09.2021**

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420318114001	AJITH M	
2	420318114002	AJITHKUMAR M	
3	420318114003	ARULKUMAR S	
4	420318114006	DINESHKUMAR M	
5	420318114007	DINESHKUMAR V	
6	420318114009	EZHILMULLAIARASU M	
7	420318114010	GURUMOORTHI S	
8	420318114011	JAYAMOORTHY J	
9	420318114015	NIJANTHAN J	
10	420318114017	RAGURAMAN R	
11	420318114018	RAJ A	
12	420318114019	RAKESH R	
13	420318114020	RAMPRASATH D	
14	420318114021	RANGARAJAN R	

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A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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15	420318114023	TAMILSELVAM S	
16	420318114024	UDHAYAKUMAR M	
17	420318114027	VIGNESHWARAN M	
18	420318114028	YUVARAJ P	
19	420318114029	YUVARAJ T	

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON SIMULATION AND ANALYSIS USING ANSYS

ATTENDENCE SHEET:[III,IV-Year]

DATE: 19.08.2021 TO 27.09.2021

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			19.8.2021	21.8.2021	23.8.2021	24.8.2021	25.8.2021	26.8.2021	27.8.2021	28.8.2021	31.8.2021	1.9.2021	2.9.2021	3.9.2021	4.9.2021	6.9.2021	7.9.2021
1	420318114001	AJITH M															
2	420318114002	AJITHKUMAR M															
3	420318114003	ARULKUMAR S															
4	420318114006	DINESHKUMAR M															
5	420318114007	DINESHKUMAR V															
6	420318114009	EZHILMULLAIARASU M															
7	420318114010	GURUMOORTHI S															
8	420318114011	JAYAMOORTHY J															
9	420318114015	NIJANTHAN J															
10	420318114017	RAGURAMAN R															

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11	420318114018	RAJ A	
12	420318114019	RAKESH R	
13	420318114020	RAMPRASATH D	
14	420318114021	RANGARAJAN R	
15	420318114023	TAMILSELVAM S	
16	420318114024	UDHAYAKUMAR M	
17	420318114027	VIGNESHWARAN M	
18	420318114028	YUVARAJ P	
19	420318114029	YUVARAJ T	

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30	Day 31
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1 hr
			8.9.2021	9.9.2021	11.9.2021	13.9.2021	14.9.2021	15.9.2021	16.9.2021	17.9.2021	18.9.2021	20.9.2021	21.9.2021	22.9.2021	23.9.2021	24.9.2021	25.9.2021	27.9.2021
1	420318114001	AJITH M																
2	420318114002	AJITHKUMAR M																

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3	420318114003	ARULKUMAR S	
4	420318114006	DINESHKUMAR M	
5	420318114007	DINESHKUMAR V	
6	420318114009	EZHILMULLAIA RASU M	
7	420318114010	GURUMOORTHI S	
8	420318114011	JAYAMOORTHY J	
9	420318114015	NIJANTHAN J	
10	420318114017	RAGURAMAN R	
11	420318114018	RAJ A	
12	420318114019	RAKESH R	
13	420318114020	RAMPRASATH D	
14	420318114021	RANGARAJAN R	
15	420318114023	TAMILSELVAM S	
16	420318114024	UDHAYAKUMAR M	
17	420318114027	VIGNESHWARAN M	
18	420318114028	YUVARAJ P	

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Dr.R.PANNEERDHASS, M.E., Ph.D.
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19	420318114029	YUVARAJ T	

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON SIMULATION AND ANALYSIS USING ANSYS

STUDENT ASSESMENT MARK LIST:[III,IV-Year] **DATE: 19.08.2021 TO 27.09.2021**

S.NO	REG.NO	STUDENT NAME	MARKS
1	420318114001	AJITH M	86
2	420318114002	AJITHKUMAR M	75
3	420318114003	ARULKUMAR S	88
4	420318114006	DINESHKUMAR M	64
5	420318114007	DINESHKUMAR V	72
6	420318114009	EZHILMULLAIARASU M	83
7	420318114010	GURUMOORTHI S	70
8	420318114011	JAYAMOORTHY J	76
9	420318114015	NIJANTHAN J	68
10	420318114017	RAGURAMAN R	80
11	420318114018	RAJ A	60
12	420318114019	RAKESH R	86
13	420318114020	RAMPRASATH D	73
14	420318114021	RANGARAJAN R	83
15	420318114023	TAMILSELVAM S	85
16	420318114024	UDHAYAKUMAR M	74

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KAPPIYAMPULIYUR
VILLUPURAM-605 601

17	420318114027	VIGNESHWARAN M	65
18	420318114028	YUVARAJ P	87
19	420318114029	YUVARAJ T	69

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Dr.R.FA... PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON SIMULATION AND ANALYSIS USING ANSYS

STUDENT ASSESMENT MARK LIST:[III,IV-Year] **DATE: 19.08.2021 TO 27.09.2021**

S.NO	REG.NO	STUDENT NAME	MARKS
1	420318114001	AJITH M	88
2	420318114002	AJITHKUMAR M	77
3	420318114003	ARULKUMAR S	75
4	420318114006	DINESHKUMAR M	58
5	420318114007	DINESHKUMAR V	72
6	420318114009	EZHILMULLAIARASU M	60
7	420318114010	GURUMOORTHI S	57
8	420318114011	JAYAMOORTHY J	58
9	420318114015	NIJANTHAN J	65
10	420318114017	RAGURAMAN R	85
11	420318114018	RAJ A	95
12	420318114019	RAKESH R	50
13	420318114020	RAMPRASATH D	68
14	420318114021	RANGARAJAN R	95
15	420318114023	TAMILSELVAM S	85
16	420318114024	UDHAYAKUMAR M	50

Dr.R.PANNEERDHASS M.E., Ph.D.
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

17	420318114027	VIGNESHWARAN M	75
18	420318114028	YUVARAJ P	69
19	420318114029	YUVARAJ T	60

ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON SIMULATION AND ANALYSIS USING ANSYS"

Department of MECH

19.08.2021 TO 27.09.2021

Time:5 pm to 6 pm

Co-ordinator:

Mr.M.MAGESH

AP/Department of MECH

Resource Person:

Dr.R.ANBAZHAGAN
HOD/Department of MECH

Organized by
DEPARTMENT OF MECH
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION
No registration fee.
There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION
E-Certificates will be issued to those participants who attend all the sessions of the program .

Objectives of the course :

- This is an introductory course on finite element analysis(FEA) using ansys and is specially meant for engineering students and practising professional
- ANSYS is a popular and well recognized general purpose finite element modeling package for numerical solving a large range of problems including dynamic,structural analysis static, and electromagnetic problems

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE ON SIMULATION AND ANALYSIS USING ANSYS

19.08.2021 TO 27.09.2021
Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :

E-mail :

Signature Of The Participant:

Date :

Place :

Registration link

https://arec.addon.course. signin

For more information contact

Course coordinator:9159166467

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

ONE PAGE REPORT

Department:	DEPARTMENT OF MECHANICAL ENGINEERING
Type of Event:	Value added course
Event Title:	Simulation and analysis using Ansys
Date & Time:	19.08.2021 TO 27.09.2021(5 PM TO 6 PM)
Venue :	Online
Organizer:	AREC– DEPARTMENT OF MECH
Coordinator:	Mr.M.MAGESH
Resource person	Dr.R.ANBAZHAGAN
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with participants on 19.08.2021 TO 27.09.2021 at 5 pm with welcomeAddress and introduction by the co-ordinator**Mr.M.MAGESH,AP/MECH ,AREC.** • Resource person **Dr.R.ANBAZHAGAN HOD of MECH** has cover the basic of Simulation and analysis using Ansys and they demonstrated each and every concept. • The students will get hands-on experience in working with Simulation and analysis using Ansys.Students really enjoyed the session and learnt a lot. Now **19students** will be able to apply the concept and its application. • **Mr.S.Rammoorthy, AP/MECH,AREC,**proposed the vote of thanks to the participants and organizers.

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Vadakuchipalayam, Kappiyampuliyur PO,Villupuram 605 601.

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. **NAVEEN KRISHNA.K.G** has participated in the 31 days Value added course on Simulation and analysis using Ansysorganized by the Department of MECH , A.R. Engineering College, held 19.08.2021 TO 27.09.2021

HOD
Department of civil

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF CSE

PERMISSION LETTER

Date:03.08.2021

From

The Hod
Department of CSE
AR Engineering college
Kappiyampuliyur

TO

The principle
AR Engineering college
Kappiyampuliyur

SUB: Seeking permission to conduct Value added course

Respected Sir,

We are planning to conduct"Value added course on DEVOPS"on 19.08.2021 to 27.09.2021. We request you to grant permission for the same.

Thanking you

Your`s sincerely

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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DEPARTMENT OF CSE
CIRCULAR

Date:07.08.2021

The II-YEAR students of the department of CSE, AREC who are interested are here by informed to enroll their names of the value added course titled " VALUE ADDED COURSE ON DEVOPS".

COURSE DETAILS:

Course title	VALUE ADDED COURSE ON DEVOPS
Course code	VACSE103
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Schedule	19.08.2021 TO 27.09.2021
Timing	5 PM TO 6 PM
Course Co-Ordinator	Mrs.K.Kavitha
Resource person	Mrs.P.Suganya
Certificate	Yes

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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VADAKUCHIPALAYAM
KAPPIYAMPULIYUR PO:
VILLUPURAM-605 601.

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A.R ENGINEERING COLLEGE
"VALUE ADDED COURSE
on
DEVOPS"
Department of Cse
19.08.2021 TO 27.09.2021
Time:05.00 pm to 6.00 Pm

Co-ordinator:
Mrs.K.Kavitha
AP/Department of Cse

Resource Person:
Mrs.P.Suganya
HOD/Department of Cse

Organized by
DEPARTMENT OF CSE
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- It is designed to provide expertise in Git tools and help you comprehend the difference between Git and Github
- To develop a sustainable infrastructure for specific applications and ensure high scalability.

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE
ON DEVOPS
19.08.2021 TO 27.09.2021
Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.course/signup

For more information contact
Course coordinator:9159166467

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DEPARTMENT OF CSE
VALUE ADDED PROGRAMME ON DEVOPS

DATE: 19.08.2021 TO 27.09.2021 Total Hours: 31

COURSE SYLLABUS:

	TOPICS	DATE	HOUR
1	Introducing dot net-the blg picture	19.08.2021 /21.08.2021 /23.08.2021 /24.08.2021 /25.08.2021	5 hrs
	Characterize the NET Paradigm		
	Describe Web Services		
	Building dot net-the frame work components		
	Describe the NET Frame work		
	Describe the Common Language		
	RUN TIME(CLR)		
2	Compare the NET Class Frame work to all languages Specific Class Library	26.08.2021 /27.08.2021 /28.08.2021 /31.08.2021 /1.09.2021/2.09.2021	6 hrs
	Decide When to Use NET Windows.		
	Describe the Uses of Web Forms and Web Services		
	DevOps Principles in detail		
	DevOps Engineer Skills in the market		
3	Knowing DevOps Delivery Pipeline	3.09.2021/4.09.2021 6.09.2021/7.09.2021	4 hrs
	Market trend of DevOps		
	DevOps Technical Challenges		
	Tools we use in DevOps	8.09.2021/9.09.2021 /11.09.2021/13.09.2021 /14.09.2021	5 hrs
	Knowing about Version control		
	Git – A CLI		
	Essentials of GIT in industry		
4	How to setup GIT	15.09.2021/16.09.2021 /17.09.2021/18.09.2021 /20.09.2021	5 hrs
	Installing Git		
	First-Time Git Setup		
	Getting a Git Repository		
	Working with various commands in GIT	21.09.2021/22.09.2021 /23.09.2021/24.09.2021	4 hrs
	Recording Changes to the Repository		
5	How to check the Status of Your Files	25.09.2021/27.09.2021	2 hr
		TOTAL	31 hrs

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A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A. R. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF CSE
VALUE ADDED PROGRAMME ON DEVOPS

STUDENTS NAME LIST : [II-Year] **DATE: 19.08.2021 TO 27.09.2021**

.NO	REG NO	STUDENTS NAME	SIGNATURE
1	420320104001	ANITHA T	
2	420320104003	BHUVANESHWARI A	
3	420320104004	DEEPIKA S	
4	420320104005	DESIYA E	
5	420320104006	DEVI R	
6	420320104007	JANANI R	
7	420320104010	MAYILI A	
8	420320104011	NARMADHA S	
9	420320104012	NAVEEN R	
10	420320104013	PRAKASH M	
11	420320104014	SELVI R	
12	420320104015	SONIYA D	
13	420320104016	STEEPHEN JERO P	
14	420320104017	SUGUMAR S	
15	420320104018	SURENDAR G	

345

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Dr.R.PANNEERDHASS,M.E.,P.
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16	420320104301	PONNI C	
17	420320104302	SYED NAMEER N	
18	420320104303	VENKATESH T	

COURSE CO-ORDINATOR

HOD

PRINCIPAL

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Dr.R.PANNEERDHASS,M.E.,Ph.D.
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DEPARTMENT OF CSE
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	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			19.8.2021	21.8.2021	23.8.2021	24.8.2021	25.8.2021	26.8.2021	27.8.2021	28.8.2021	31.8.2021	1.9.2021	2.9.2021	3.9.2021	4.9.2021	6.9.2021	7.9.2021
1	420320104001	ANITHA T															
2	420320104003	BHUVANESHWARI A															
3	420320104004	DEEPIKA S															
4	420320104005	DESIYA E															
5	420320104006	DEVI R															
6	420320104007	JANANI R															
7	420320104010	MAYILI A															
8	420320104011	NARMADHA S															
9	420320104012	NAVEEN R															

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10	420320104013	PRAKASH M															
11	420320104014	SELVI R															
12	420320104015	SONIYA D															
13	420320104016	STEEPHEN JERO P															
14	420320104017	SUGUMAR S															
15	420320104018	SURENDAR G															
16	420320104301	PONNI C															
17	420320104302	SYED NAMEER N															
18	420320104303	VENKATESH T															

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Dr.R.PA... M.E., Ph.D.,
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	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30	Day 31
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1 hr
			8.9.2021	9.9.2021	11.9.2021	13.9.2021	14.9.2021	15.9.2021	16.9.2021	17.9.2021	18.9.2021	20.9.2021	21.9.2021	22.9.2021	23.9.2021	24.9.2021	25.9.2021	27.9.2021
1	420320104001	ANITHA T																
2	420320104003	BHUVANESHWARI A																
3	420320104004	DEEPIKA S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S
4	420320104005	DESIYA E																
5	420320104006	DEVI R																
6	420320104007	JANANI R																
7	420320104010	MAYILI A																
8	420320104011	NARMADHA S																
9	420320104012	NAVEEN R																
10	420320104013	PRAKASH M																
11	420320104014	SELVI R																
	420320104015	SONIYA D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D	S.D

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13	420320104016	STEEPHEN JERO P																
14	420320104017	SUGUMAR S																
15	420320104018	SURENDAR G																
16	420320104301	PONNI C																
17	420320104302	SYED NAMEER N																
18	420320104303	VENKATESH T																

COURSE CO-ORDINATOR

HOD

PRINCIPAL

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DEPARTMENT OF CSE

VALUE ADDED PROGRAMME ON DEVOPS

STUDENTS ASSESMENT MARK LIST : [II-Year] **DATE: 19.08.2021 TO 27.09.2021**

SL .NO	REG NO	STUDENTS NAME	MARKS
1	420320104001	ANITHA T	A+
2	420320104003	BHUVANESHWARI A	A
3	420320104004	DEEPIKA S	A+
4	420320104005	DESIYA E	B
5	420320104006	DEVI R	B+
6	420320104007	JANANI R	B+
7	420320104010	MAYILI A	B
8	420320104011	NARMADHA S	O
9	420320104012	NAVEEN R	A+
10	420320104013	PRAKASH M	B+
11	420320104014	SELVI R	O
12	420320104015	SONIYA D	B+
13	420320104016	STEEPHEN JERO P	A
14	420320104017	SUGUMAR S	B+

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15	420320104018	SURENDAR G	A
16	420320104301	PONNI C	B+
17	420320104302	SYED NAMEER N	B
18	420320104303	VENKATESH T	B+

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Dr.R.PAN[illegible]
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1	420320104001	ANITHA T	A+
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4	420320104005	DESIYA E	B
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6	420320104007	JANANI R	B+
7	420320104010	MAYILI A	B
8	420320104011	NARMADHA S	B+
9	420320104012	NAVEEN R	A+
10	420320104013	PRAKASH M	B+
11	420320104014	SELVI R	O
12	420320104015	SONIYA D	A+
13	420320104016	STEEPHEN JERO P	B+
14	420320104017	SUGUMAR S	B+

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15	420320104018	SURENDAR G	B+
16	420320104301	PONNI C	B+
17	420320104302	SYED NAMEER N	B+
18	420320104303	VENKATESH T	A+

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Dr.R.PA

A.R.ENGI
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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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ONE PAGE REPORT

Department:	Computer science
Type of Event:	Value added course
Event Title:	DEVOPS
Date & Time:	19.08.2021 TO 27.09.2021(5 pm to 6 pm)
Venue :	AREC
Organizer:	AREC–Computer science & Engineering
Coordinator:	Mrs.K.Kavitha
Resource person	Mrs.P.Suganya
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with participants on 19.08.2021 TO 27.09.2021 at 5 pm with welcomeAddress and introduction by the co-ordinator**Mrs.K.Kavitha,AP/CSE,AREC.** • Resource person **Mrs.P.Suganya** HOD of CSE has cover the basic of the **DEVOPS** and they demonstrated each and every concept. • The students will get hands-on experience in working with **DEVOPS** Students really enjoyed the session and learnt a lot. Now **18students** will be able to applythe concept and its application. • **Ms.S.Devika, AP/CSE,AREC,**proposed the vote of thanks to the participants and organizers.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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Vadakuchipalayam, Kappiyampuliyur PO,Villupuram 605 601.

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. **ANITHA T** has participated in the 31 days Value added course on **DEVOPS** organized by the Department of CSE , A.R. Engineering College, held 19.08.2021 TO 27.09.2021

HOD
Department of CSE

PRINCIPAL

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DEPARTMENTOFELECTRONICAND COMMUNICATIONENINGINEERING

PERMISSION LETTER

Date:4.4.2022

From

The Hod
Department of CSE
AR Engineering college
Kappiyampuliyur

TO

The principle
AR Engineering college
Kappiyampuliyur

SUB:Permission to conduct add-on Course.

Respected Sir,

As per the instruction from IQAC regarding addon course we have planned to conduct the add-on course for the I- year ECE students from 13.04.2022 TO 28.05.2022.

So kindly permit us to conduct the above course in online.

Thanking you

Your's sincerly

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF ELECTRONIC AND COMMUNICATIONENINGINEERING

CIRCULAR

Date:6.4.2022

SUB:Value added course on Raspberry-Pi

It is planned to conduct the add-on course forthe I-Year Electronics and Communication Engineering students.The add-on courses are the certification course which are designed and offered by our department for the benefit of the students. Add-on course will be conducted at free of cost and willingness of students.Students who are willing to attend the below the mentioned course can enroll their names to the course conductor.

COURSE DETAILS:

Course title	Value added course on Raspberry-Pi
Course code	VAC104
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Venue	ONLNE
Schedule	13.04.2022 TO 28.05.2022
Timing	5 pm to 6 pm
Course Co-Ordinator	P.SARAVANAN/AP CSE
Resource person	Ms.V.KOKILA
Certificate	Yes

V. Kokila.

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3.4.5

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A.R ENGINEERING COLLEGE

VALUE ADDED COURSE
ON
VALUE ADDED COURSE
ON RASPBERRY PI

Department of ECE

13.04.2022 TO 28.05.2022

Time:5 pm to 6 pm

Co-ordinator:

Mr.P.Saravanan

AP/Department of ECE

Resource Person:

Ms.V.Kokila

HOD/Department of ECE

Organized by
DEPARTMENT OF ECE
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION
No registration fee.
There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION
E-Certificates will be issued to those participants who attend all the sessions of the program .

Objectives of the course :

- This course eludicates concepts related to internet of things.The students will get hands-on experience in working with raspberry pi and exploring IOT.

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE
ON VALUE ADDED
COURSE ON
RASPBERRY PI

13.04.2022 TO 28.05.2022

Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :

E-mail :

Signature Of The Participant:

Date :
Place :

Registration link

For more information contact
Course coordinator:9159166467

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DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENINGINEERING

Value added course on Raspberry-Pi Course

DATE: 13.04.2022 TO 28.04.2022 Total Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	RaspberryPi-Introduction-Basics,applications,installation.	13.4.2022/18.4.2022 /19.4.2022/20.4.2022/ 21.4.2022	5 hrs
2	Preparing SD Card for Raspberry-Pi		
3	Different OS versions		
4	Firstboot,configuration,time setting,key board layout,disk expand,etc		
5	Pre-installed apps		
6	Raspberry-pi,configuration		
7	Connecting with Wi-Fi/LAN		
8	Basics of the Linux OS used on the Pi	22.4.2022/23.4.2022 /25.4.2022/26.4.2022	4 hrs
9	Basic shell command		
10	EditorVi,Nano,etc		
11	Accessing the manpages		
12	Piping shell commands		
13	Perfoming APT Package updates	27.4.2022/28.4.2022/ 29.4.2022/30.4.2022 /10.5.2022	5 hrs
14	Shell Programming for blinking LED		
15	Introduction to wiring pi library(C-Programming)		
16	Using wiring Pi-Library for GPIO Access		
17	Introduction to C-Programming on Pi		
18	Compiling C-Programs		
19	Wiring pilibrary-Installation	11.5.2022/12.5.2022/ 13.5.2022/ 14.5.2022/16.5.2022	5hrs
20	Understanding Python, Interpreted Languages		
21	Variables, keywords, Operators and Operands		
22	Data types in Python		
23	Flow control.conditionStatement		
24	Loops,ImportingLibraries	17.5.2022/18.5.2022 /19.5.2022/20.5.2022 /21.5.2022	5 hrs
25	Function,classes		
26	Python and Hardware access		
27	LED Blinking using python Raspberry-Pi library	23.5.2022/24.5.2022 /25.5.2022/26.5.2022 /27.5.2022/28.5.2022	6 hrs
28	Temperature sensing using1-wire tempsensor		
29	Motion detection using Raspberrypi		
30	Sending email alerts when Motion detected using PIR. Sensor		
31	Configuring web server.		
		TOTAL	30 hrs

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DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENINGINEERING
VALUE ADDED COURSE ON RASPBERRYPI

STUDENTS NAME LIST:[I-YEAR] **DATE:13.04.2022 TO 28.5.2022**

SL .NO	REG NO	STUDENTS NAME	SIGNATURE
1	420321106001	ANTHONY MERCY.G	Anthony Mercy.G
2	420321106002	ANUCIYA G	ANUCIYA G
3	420321106003	ARTHI K	arthi.K
4	420321106004	ARUNTHDEVI.M	ARUNTHDEVI.M
5	420321106005	BHUVANESWARAN S	Bhuvaneswaran S
6	420321106006	DEPPIKA.M	DEPPIKA.M
7	420321106007	DEIVAYANAI	deivayanai.V
8	420321106008	DEVAPRIYA.V	DEVAPRIYA.V
9	420321106009	DHIVYA B	Dhivya.B
10	420321106010	DIVYA M	DIVYA.M
11	420321106011	GOPINATH.S	gopinath.S
12	420321106012	ILAVARASI.G	Ilavarasi.G
13	420321106013	JAYA SATHYA.R	JAYA SATHYA.R
14	420321106014	KALAYARASI.E	Kalayarasi.E
15	420321106015	KARTHIKEYAN.G	Karthikeyan.G
16	420321106016	KAVIYA.V	Kaviya.V

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17	420321106017	KEERTHIKA.E	
18	420321106018	KIRUBAKARAN.R	
19	420321106019	MEERA.S	
20	420321106020	NITHIYA.S	
21	420321106021	RAJASRI .S	
22	420321106022	RAJENDRA PRASATH.R	
23	420321106023	SANTHIYA.P	
24	420321106024	SIVAJOTHI.R	
25	420321106025	SUJATHA.R	
26	420321106026	SWEATHA.S	
27	420321106027	TAMILVANI.R	
28	420321106028	VAITHESHWARY.S	
29	420321106029	VIJAYALAKSHMI.S	

COURSE CO-ORDINATOR

HOD

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DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENINGINEERING
VALUE ADDED COURSE ON RASPBERRYPI

ATTENDENCE SHEET:[I-YEAR] **DATE: 13.04.2022 TO 28.5.2022**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			13.4.2022	18.4.2022	19.4.2022	20.4.2022	21.4.2022	22.4.2022	23.4.2022	25.4.2022	26.4.2022	27.4.2022	28.4.2022	29.4.2022	30.4.2022	10.5.2022	11.5.2022
1	420321106001	ANTHONY MERCY.G															
2	420321106002	ANUCIYA G															
3	420321106003	ARTHI K															
4	420321106004	ARUNTHDEVI.M															
5	420321106005	BHUVANESWARAN S															
6	420321106006	DEPPIKA.M															
7	420321106007	DEIVAYANAI															
8	420321106008	DEVAPRIYA.V															
9	420321106009	DHIVYA B															
10	420321106010	DIVYA M															
11	420321106011	GOPINATH.S															

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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12	420321106012	ILAVARASI.G															
13	420321106013	JAYA SATHYA.R															
14	420321106014	KALAYARASI.E															
15	420321106015	KARTHIKEYAN.G															
16	420321106016	KAVIYA.V															
17	420321106017	KEERTHIKA.E															
18	420321106018	KIRUBAKARAN.R															
19	420321106019	MEERA.S															
20	420321106020	NITHIYA.S															
21	420321106021	RAJASRI .S															
22	420321106022	RAJENDRA PRASATH.R															
23	420321106023	SANTHIYA.P															
24	420321106024	SIVAJOTHI.R															
25	420321106025	SUJATHA.R															
26	420321106026	SWEATHA.S															
27	420321106027	TAMILVANI.R															
28	420321106028	VAITHESHWARY.S															
29	420321106029	VIJAYALAKSHMI.S															

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			12.5.2022	13.5.2022	14.5.2022	16.5.2022	17.5.2022	18.5.2022	19.5.2022	20.5.2022	21.5.2022	23.5.2022	24.5.2022	25.5.2022	26.5.2022	27.5.2022	28.5.2022
1	420321106001	ANTHONY MERCY.G															
2	420321106002	ANUCIYA G															
3	420321106003	ARTHI K															
4	420321106004	ARUNTHDEVI.M															
5	420321106005	BHUVANESWARAN S															
6	420321106006	DEPPIKA.M															
7	420321106007	DEIVAYANAI															
8	420321106008	DEVAPRIYA.V															
9	420321106009	DHIVYA B															
10	420321106010	DIVYA M															
11	420321106011	GOPINATH.S															
12	420321106012	ILAVARASI.G															
13	420321106013	JAYA SATHYA.R															
14	420321106014	KALAYARASI.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E	K.E

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15	420321106015	KARTHIKEYAN.G															
16	420321106016	KAVIYA.V															
17	420321106017	KEERTHIKA.E															
18	420321106018	KIRUBAKARAN.R															
19	420321106019	MEERA.S															
20	420321106020	NITHIYA.S															
21	420321106021	RAJASRI .S															
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23	420321106023	SANTHIYA.P															
24	420321106024	SIVAJOTHI.R															
25	420321106025	SUJATHA.R															
26	420321106026	SWEATHA.S															
27	420321106027	TAMILVANI.R															
28	420321106028	VAITHESHWARY.S															
29	420321106029	VIJAYALAKSHMI.S															

COURSE CO-ORDINATOR **HOD** **PRINCIPAL**

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DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENINGINEERINGVALUE ADDED COURSE ON RASPBERRYPI

STUDENTS ASSESMENT MARK LIST:[I-YEAR] **DATE:13.04.2022 TO 28.5.2022**

SL .NO	REG NO	STUDENTS NAME	MARKS
1	420321106001	ANTHONY MERCY.G	87
2	420321106002	ANUCIYA G	67
3	420321106003	ARTHI K	86
4	420321106004	ARUNTHDEVI.M	84
5	420321106005	BHUVANESWARAN S	72
6	420321106006	DEPPIKA.M	66
7	420321106007	DEIVAYANAI	87
8	420321106008	DEVAPRIYA.V	87
9	420321106009	DHIVYA B	75
10	420321106010	DIVYA M	82
11	420321106011	GOPINATH.S	84
12	420321106012	ILAVARASI.G	85
13	420321106013	JAYA SATHYA.R	86
14	420321106014	KALAYARASI.E	76
15	420321106015	KARTHIKEYAN.G	75
16	420321106016	KAVIYA.V	84

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17	420321106017	KEERTHIKA.E	76
18	420321106018	KIRUBAKARAN.R	78
19	420321106019	MEERA.S	85
20	420321106020	NITHIYA.S	75
21	420321106021	RAJASRI .S	84
22	420321106022	RAJENDRA PRASATH.R	90
23	420321106023	SANTHIYA.P	84
24	420321106024	SIVAJOTHI.R	83
25	420321106025	SUJATHA.R	74
26	420321106026	SWEATHA.S	78
27	420321106027	TAMILVANI.R	76
28	420321106028	VAITHESHWARY.S	56
29	420321106029	VIJAYALAKSHMI.S	68

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ONE PAGE REPORT

Department:	DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENINGINEERING
Type of Event:	Value added course
Event Title:	Value added course on RaspberryPi
Date & Time:	13.04.2022 TO 28.05.2022(5 pm to 6 pm)
Venue :	Online
Organizer:	AREC– DEPARTMENT OF ECE
Coordinator:	Mr.P.Saravanan
Resource Person	Ms.V.Kokila
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with participants on 13.04.2022 TO 28.05.2022 at 5 pm with welcome Address and introduction by the co-ordinator **Mr.P.Saravanan,AP/ECE,AREC.** • Resource person **Ms.V.Kokila** HOD of **ECE** has cover the basic of Rasberry-piand they demonstrated each and every concept. • The students will get hands-on experience in working with Rasberry-pi Students really enjoyed the session and learnt a lot. Now **29 students** will be able to apply the concept and its application. • **Mr.P.Ramesh, AP/ECE,AREC,**proposed the vote of thanks to the participants and organizers.

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. **ANTHONY MERCY.G** has participated in the 30 days **Value added course on Raspberry-Pi** organized by the Department of ECE , A.R. Engineering College, held 13.04.2022 TO 28.05.2022

HOD
Department of ECE

PRINCIPAL

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PERMISSION LETTER

Date:5.4.2022

From

The Hod
Departmentof MECH
AR Engineering college
Kappiyampuliyur

TO

The principle
AR Engineering college
Kappiyampuliyur

SUB : Seeking permission to conduct value added course on IOT Front End Design Using Ki-Cad to our students.

Respected Sir,

As part of academic excellence, it is planned to conduct value added course to our students in the field of machine parts design. The duration of the program is planned as 30 hours and it is scheduled between 13.04.2022 TO 28.04.2022 your kind permission is sought for the conduct of the programme.

Thanking you

YOUR'S SINCERELY

Dr.R.PA[illegible] S.M.E.,Ph.D.,
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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DEPARTMENTOFELECTRICALANDELECTRONICSENGINEERING

CIRCULAR

Date:7.4.2022

It is informed that Department of Electrical and Electronics Engineering has planned to organize a Value Added Course on **"IOT Front End Design Using Ki-Cad"** in our college premises to enhance the practical knowledge of the students. Hence,the year students of the Department are cordially invited.

COURSE DETAILS :

Course title	Value Added Course on"IOT Front End Design Using Ki-CAD
Course code	VAC105
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Venue	ONLNE
Schedule	13.04.2022 TO 28.05.2022
Timing	5 PM TO 6 PM
Course Co-ordinator	Mr.R.UDHAYAKUMAR
Resource person	Mr.A.CHANDRASEKARAN
Certificate	Yes

A. Chandrasekaran.

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE
ON
IOT FRONT END DESIGN USING KI-CAD"

Department of EEE

13.04.2022 TO 28.05.2022

Time:5 pm to 6 pm

Co-ordinator:

Mr.R.UDHAYAKUMAR

AP/Department of EEE

Resource Person:

Mr.A.CHANDRASEKARANH

OD/Department of EEE

Organized by
DEPARTMENT OF EEE
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601
Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION
No registration fee.
There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION
E-Certificates will be issued to those participants who attend all the sessions of the program .

Objectives of the course :

- It includes the various sensor,connectivity options and data processing methods used in IOT System.
- To connect any device and object to the internet allowing them to collect and share information and to be remotely monitored and controlled..

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE
ON
IOT FRONT END DESIGN USING KI-CAD
13.04.2022 TO 28.05.2022
Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :

E-mail :

Signature Of The Participant:

Date :

Place :

Registration link :
https://arec.addon.course/signin

For more information contact
Course coordinator:9159166467

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DEPARTMENT OF ELECTRICAL AND ELECTRONICENGINEERING
IOT FRONT END DESIGN USING Ki-CAD

DATE: 13.04.2022 TO 28.05.2022 Total Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Devices:IOT circuits,IOT devices architecture,devices:Arduino Programming.	13.4.2022/18.4.2022 /19.4.2022/20.4.2022/ 21.4.2022	5 hrs
	Introduction to KiCad.schematic design.features		
	Efficient and versatile tool for design of circuits-Sample Circuits -Hands Training.		
	Schematiclay out design and its implementation using KiCad		
2	IOT Kit-withArduino board usingKi-Cad-sample Projects.	22.4.2022/23.4.2022 /25.4.2022/26.4.2022	4 hrs
	Understanding IoT fundamentals		
	IOT Architecture and protocols		
	Various Platforms for IoT		
	Real time Examples of IoT		
	Overview of IoT components and IoT Communication Technologies		
3	Challenges in IOT	27.4.2022/28.4.2022 29.4.2022/30.4.2022 /10.5.2022	5 hrs
	Understanding IoT fundamentals		
	IOT Architecture and protocols		
	Arduino Uno Architecture		
	Setup the IDE. Writing Arduino Software		
	Arduino Libraries		
	Basics of Embedded C programming for Arduino		
4	Interfacing LED. push button and buzzer with Arduino	11.5.2022/12.5.2022/13.5.2022 14.5.2022/16.5.2022/17.5.2022 18.5.2022/19.5.2022/20.5.2022 /21.5.2022	10 hrs
	Interfacing Arduino with LCD		
	Arduino Uno Architecture		
	Setup the IDE. Writing Arduino Software		
	Arduino Libraries		
	Overview of Sensors working		
	Analog and Digital Sensors		
	Interfacing of Temperature, Humidity, Motion, Light and Gas Sensor with Arduino		
	Interfacing of Actuators with Arduino.	23.5.2022/24.5.2022 /25.5.2022/26.5.2022 /27.5.2022/28.5.2022	6 hrs
	Basics of Wireless Networking		
	Introduction to ESP8266 Wi-Fi Module		
	Various Wi-Fi library		
	Web server- introduction, installation, configuration		

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"IOT FRONT END DESIGN USING Ki-CAD"

STUDENTS NAME LIST :[I,II-YEAR] **DATE: 13.04.2022 TO 28.5.2022**

SL .NO	REG NO	STUDENTS NAME	SIGNATURE
1	420319105301	BALAKRISHNAN V	Balakr .V
2	420319105302	KRISHNARAJ R	Krish .R
3	420319105303	LASARVIJAY B	Lasarvijay .B
4	420321105001	BHARATHI.S	Bha .S
5	420321105002	DHANALAKSHMI.M	Dha .M
6	420321105003	JAYAVEL.S	Jayavel.S
7	420321105004	KALAI STALIN MARAN.M	Kalai Mara M
8	420321105005	LOGESHWARI.K	logeshwari.K
9	420321105006	MOHAMED IMTHYAS.E	Mo .V
10	420321105007	NITHISH KUMAR.V	Nithish Kumar.V
11	420321105008	RAGUL.R	Ragul .R
12	420321105009	SABARI.S	Sabari .S
13	420321105010	SURIYA.M	Suriya .M
14	420321105012	VISHNU PRIYA.B	Vi .B
15	420321105011	VASANTHARAJ.R	Va

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"IOT FRONT END DESIGN USING Ki-CAD"

ATTENDENCE SHEET::[I,II-YEAR] **DATE: 13.04.2022 TO 28.5.2022**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			13.4.2022	18.4.2022	19.4.2022	20.4.2022	21.4.2022	22.4.2022	23.4.2022	25.4.2022	26.4.2022	27.4.2022	28.4.2022	29.4.2022	30.4.2022	10.5.2022	11.5.2022
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3	420319105303	LASARVIJAY B															
4	420321105001	BHARATHI.S															
5	420321105002	DHANALAKSHMI.M															
6	420321105003	JAYAVEL.S															
7	420321105004	KALAI STALIN MARAN.M															
8	420321105005	LOGESHWARI.K															
9	420321105006	MOHAMED IMTHYAS.E															

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10	420321105007	NITHISH KUMAR.V														
11	420321105008	RAGUL.R														
12	420321105009	SABARI.S														
13	420321105010	SURIYA.M														
14	420321105012	VISHNU PRIYA.B														
15	420321105011	VASANTHARAJ.R														

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			12.5.2022	13.5.2022	14.5.2022	16.5.2022	17.5.2022	18.5.2022	19.5.2022	20.5.2022	21.5.2022	23.5.2022	24.5.2022	25.5.2022	26.5.2022	27.5.2022	28.5.2022
1	420319105301	BALAKRISHNAN V															
2	420319105302	KRISHNARAJ R															
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4	420321105001	BHARATHI.S															
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6	420321105003	JAYAVEL.S															
7	420321105004	KALAI STALIN MARAN.M															
8	420321105005	LOGESHWARI.K															
9	420321105006	MOHAMED IMTHYAS.E															
10	420321105007	NITHISH KUMAR.V															
11	420321105008	RAGUL.R															
12	420321105009	SABARI.S															
13	420321105010	SURIYA.M															
14	420321105012	VISHNU PRIYA.B															
15	420321105011	VASANTHARAJ.R															

COURSE CO-ORDINATOR

HOD

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING"IOT

FRONT END DESIGN USING Ki-CAD"

STUDENT ASSESMENT MARK LIST :[I.II-YEAR] **DATE: 13.04.2022 TO 28.5.2022**

SL .NO	REG NO	STUDENTS NAME	MARKS
1	420319105301	BALAKRISHNAN V	B+
2	420319105302	KRISHNARAJ R	O
3	420319105303	LASARVIJAY B	A+
4	420321105001	BHARATHI.S	O
5	420321105002	DHANALAKSHMI.M	A+
6	420321105003	JAYAVEL.S	B+
7	420321105004	KALAI STALIN MARAN.M	B+
8	420321105005	LOGESHWARI.K	A+
9	420321105006	MOHAMED IMTHYAS.E	A
10	420321105007	NITHISH KUMAR.V	B+
11	420321105008	RAGUL.R	A+
12	420321105009	SABARI.S	A
13	420321105010	SURIYA.M	A+
14	420321105012	VISHNU PRIYA.B	A
15	420321105011	VASANTHARAJ.R	B

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ONE PAGE REPORT

Department:	DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Type of Event:	Value added course
Event Title:	IOT FRONT END DESIGN USING Ki-CAD
Date & Time:	13.04.2022 TO 28.05.2022(5 pm to 6 pm)
Venue :	Online
Organizer:	AREC– DEPARTMENT OF EEE
Coordinator:	Mr.R.UDHAYAKUMAR
Resource person	Mr.A.CHANDRASEKARAN
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with participants on 13.04.2022 TO 28.05.2022 At 5pm with welcome Address and introduction by the co-ordinator Mr.R.UDHAYAKUMAR ,AP/EEE ,AREC. • Resource person Mr.A.CHANDRASEKARAN HOD of EEE has cover the basic of IOT FRONT END DESIGN USING Ki-CADand they demonstrated each and every concept. • The students will get hands-on experience in working with IOT .Students really enjoyed the session and learnt a lot. Now 15 students will be able to apply the concept and its application. • Mr.K.MANIKANDAN, AP/EEE,AREC,proposed the vote of thanks to the participants and organizers.

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. **NAVEEN KRISHNA.K.G** has participated in the 31 days Value added course on IOT organized by the Department of EEE , A.R. Engineering College, held 13.04.2022 TO 28.05.2022

HOD
Department of EEE

PRINCIPAL

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DEPARTMENT OF SCIENCE AND HUMANITIES
PERMISSION LETTER

Date:8.4.2022

From

The Hod
Department of S&H
AR Engineering college
Kappiyampuliyur

TO

The principle
AR Engineering college
Kappiyampuliyur

Sub: Seeking permission to conduct Value added course

Respected Sir,

We are planning to conduct CERTIFICATE COURSE ON CAMPUS TO CORPORATE FOR YOUNG ENGINEERS" **on** 13.04.2022 TO 30.05.2022. We request you to grant permission for the same.

Thanking you

Your's sincerely

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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3/4/9

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DEPARTMENT OF SCIENCE ANDHUMANITIES
CIRCULAR

Date:11.4.2022

The Department of Science and Humanities has planned to conduct a Certificate course on

"CAMPUS TO CORPORATE FOR YOUNG ENGINEERS" for first year students from

13.04.2022 TO 30.05.2022.

COURSE DETAILS:

Course title	CERTIFICATE COURSE ON CAMPUS TO CORPORATE FOR YOUNG ENGINEERS
Course code	VACS&H
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Venue	ONLNE
Schedule	13.04.2022 TO 30.05.2022
Timing	5 pm to 6 pm
Course Co-ordinator	Dr.D.SENTHILKUMAR
Resource person	Dr.R.ELILARASI
Certificate	Yes

HOD

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VILLUPURAM-6

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE
ON
CAMPUS TO CORPORATE
FOR YOUNG ENGINEERS"
Department of S&H

13.04.2022 TO 30.05.2022

Time:5 PM TO 6 PM

Co-ordinator:

Dr.D.SENTHILKUMAR
AP/Department of S&H

Resource Person:

Dr.R.ELILARASI

HOD/Department of S&H

Organized by
DEPARTMENT OF S&H
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION
No registration fee.
There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION
E-Certificates will be issued to those participants who attend all the sessions of the program .

Objectives of the course :

- Training or learning objectives are the intended measurable outcome that your learner will achieve once they've finished a course.

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE
ON
CAMPUS TO CORPORATE
FOR YOUNG ENGINEERS

13.04.2022 TO 30.05.2022
Registration form

Name :

Designation :

College :

Branch :

Address :

Whats App No :

E-mail :

Signature Of The Participant:
Date :
Place :

Registration link :

For more information contact
Course coordinator:9159166467

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DEPARTMENT OF SCIENCE AND HUMANITIES

"CAMPUS TO CORPORATE FOR YOUNG ENGINEERS"

DATE: 13.04.2022 TO 30.05.2022 Total Hours: 31

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Defining purpose, audience and locale, organizing content, Preparing outlines, audio- visualaids, nuances ofbody language, space,setting and voice dynamics, building confidence, handling questions, collocations to be used for day-to-day conversation, improving the ability to present in front of the group.	**13.4.2022/18.4.2022/19.4.2022/ 20.4.2022/21.4.2022/22.4.2022 /23.4.2022/25.4.2022/26.4.2022/ 27.4.2022**	**10**
2	Conversations in Pairs to be Conducted (based on situations related today-to-day life), Enhancing communication Skills through Situation Based Conversations.	**28.4.2022/29.4.2022/30.4.2022 /10.5.2022/11.5.2022/12.5.2022 13.5.2022/14.5.2022/16.5.2022 17.5.2022**	**10**
3	Meetings. Agenda, Minutes of the Meeting, Business Etiquette.	**18.5.2022/19.5.2022/20.5.2022 21.5.2022**	**4**
4	Personality traits to be evaluated, Dynamics of group behavior, group etiquettes and mannerism, tips for effective group discussion, situation based role play in groups.	**23.5.2022/24.5.2022/25.5.2022 /26.5.2022/27.5.2022**	**5**
5	Practice through mock interviews for recruitment.	**28.5.2022/30.5.2022**	**2**
		TOTAL	**31 hrs**

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VILLUPURAM-605 6

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DEPARTMENT OF SCIENCE AND HUMANITIES

CAMPUS TO CORPORATE FOR YOUNG ENGINEERS

STUDENTS NAME:[I-Year] **DATE: 13.04.2022 TO 30.5.2022**

SL .NO	REG NO	STUDENTS NAME	SIGNATURE
1	420321105001	BHARATHI.S	
2	420321105002	DHANALAKSHMI.M	
3	420321105003	JAYAVEL.S	
4	420321105004	KALAI STALIN MARAN.M	
5	420321105005	LOGESHWARI.K	
6	420321105006	MOHAMED IMTHYAS.E	
7	420321105007	NITHISH KUMAR.V	
8	420321105008	RAGUL.R	
9	420321105009	SABARI.S	
10	420321105010	SURIYA.M	
11	420321105011	VASANTHARAJ.R	
12	420321105012	VISHNU PRIYA.B	
13	420321103001	DHIIVYA.V	

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14	420321103002	DURGA.D	DURGA.D
13	420321103003	MAGESHWARAN.I	MAGESHWARAN.I
14	420321103004	RAJAGURU M	RAJAGURU.M
15	420321103005	SRI SOWMIYA.M	SRI SOWMIYA.M
16	420321103006	THENNARASU M	THENNARASU M
17	420321103007	THULASI.T	Thulasi.T
18	420321114001	AJITH E	AJITH E
19	420321114002	BOSE M	Bose.M
20	420321114003	CHANDRU.S	CHANDRU.S
21	420321114004	DHANRAJ.T	DHANRAJ.T
22	420321114005	KARUNAKARAN.G	KARUNAKARAN.G
23	420321114006	MUTHUBALAN M	muthubalam.
24	420321114007	NAVEEN R	Naveen.R
25	420321114008	PARAMASIVAM V	PARAMASIVAM.V
26	420321114009	PRABAKARAN.A	Prabakaran.A
27	420321114010	PRAVEEN.P	Praveen.P
28	420321114011	SENTHILRAJA.K	SENTHILRAJA.K
29	420321114012	SIVALINGAM.C	SIVALINGAM.C
30	420321114013	UDHAYAKUMAR S	UDHAYAKUMAR.S
31	420321114014	VEERAPPAN.P	VEERAPPAN.P

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382 878

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KAPPIYAMPULIYUR P.O.,
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32	420321114015	VENTHAN .V	
33	420321114016	VIGNESG E	

COURSE CO-ORDINATOR **HOD** **PRINCIPAL**

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF SCIENCE AND HUMANITIES

CAMPUS TO CORPORATE FOR YOUNG ENGINEERS

ATTENDENCE SHEET:(I-Year) **DATE: 13.04.2022 TO 30.5.2022**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			13.4.2022	18.4.2022	19.4.2022	20.4.2022	21.4.2022	22.4.2022	23.4.2022	25.4.2022	26.4.2022	27.4.2022	28.4.2022	29.4.2022	30.4.2022	10.5.2022	11.5.2022
1	420321105001	BHARATHI.S															
2	420321105002	DHANALAKSHMI.M															
3	420321105003	JAYAVEL.S															
4	420321105004	KALAISTALIN MARAN.M															
5	420321105005	LOKESHWARI.K															
6	420321105006	MOHAMED IMTHYAS.I															
7	420321105007	NITHISH KUMAR.V															
8	420321105008	[illegible]															
9	420321105009	[illegible]															

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10	420321105010	SURIYA.M	
11	420321105011	VASANTHARAJ.R	
12	420321105012	VISHNU PRIYA.B	
13	420321103001	DHIIVYA.V	
14	420321103002	DURGA.D	
13	420321103003	MAGESHWARAN.I	
14	420321103004	RAJAGURU M	
15	420321103005	SRI SOWMIYA.M	
16	420321103006	THENNARASU M	
17	420321103007	THULASI.T	
18	420321114001	AJITH E	
19	420321114002	BOSE M	
20	420321114003	CHANDRU.S	
21	420321114004	DHANRAJ.T	
22	420321114005	KARUNAKARAN.G	
23	420321114006	MUTHUBALAN M	
24	420321114007	NAVEEN R	
25	420321114008	PARAMASIVAM V	
26	420321114009	PRABAKARAN.A	
27	420321114010	PRAVEEN.P	

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28	420321114011	SENTHILRAJA.K	
29	420321114012	SIVALINGAM.C	
30	420321114013	UDHAYAKUMAR S	
31	420321114014	VEERAPPAN.P	
32	420321114015	VENTHAN .V	
33	420321114016	VIGNESG E	

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30	Day 31
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1 hr
			12.5.2022	13.5.2022	14.5.2022	16.5.2022	17.5.2022	18.5.2022	19.5.2022	20.5.2022	21.5.2022	23.5.2022	24.5.2022	25.5.2022	26.5.2022	27.5.2022	28.5.2022	30.5.2022
1	420321105001	BHARATHI.S																
2	420321105002	DHANALAKSHMI.M																
3	420321105003	JAYAVEL.S																
4	420321105004	KALAI STALIN MARAN.M																
5	420321105005	LOGESHWARI.K																

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6	420321105006	MOHAMED IMTHIYAS.I
7	420321105007	NITHISH KUMAR.V
8	420321105008	RAGUL.R
9	420321105009	SABARI.S
10	420321105010	SURIYA.M
11	420321105011	VASANTHARAJ.R
12	420321105012	VISHNU PRIYA.B
13	420321103001	DHIVYA.V
14	420321103002	DURGA.D
15	420321103003	MAGESHWARAN.I
16	420321103004	RAJAGURU M
17	420321103005	SRI SOWMIYA.M
18	420321103006	THENNARASU M
19	420321103007	THULASI.T
20	420321114001	AJITH.E
21	420321114002	BOSE M
22	420321114003	CHANDRU.S
23	420321114004	DHANRAJ.T
24	420321114005	KARUNAKARAN.G
25	420321114006	MUTHUBALAN M

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24	420321114007	NAVEEN R	
25	420321114008	PARAMASIVAM V	
26	420321114009	PRABAKARAN.A	
27	420321114010	PRAVEEN.P	
28	420321114011	SENTHILRAJA.K	
29	420321114012	SIVALINGAM.C	
30	420321114013	UDHAYAKUMAR S	
31	420321114014	VEERAPPAN.P	
32	420321114015	VENTHAN .V	
33	420321114016	VIGNESG E	

COURSE CO-ORDINATOR

HOD

PRINCIPAL

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DEPARTMENT OF SCIENCE AND HUMANITIES

CAMPUS TO CORPORATE FOR YOUNG ENGINEERS

STUDENTS ASSESMENT MARK LIST :[I-Year] **DATE: 13.04.2022 TO 30.5.2022**

SL .NO	REG NO	STUDENTS NAME	MARKS
1	420321105001	BHARATHI.S	59
2	420321105002	DHANALAKSHMI.M	87
3	420321105003	JAYAVEL.S	59
4	420321105004	KALAI STALIN MARAN.M	87
5	420321105005	LOGESHWARI.K	67
6	420321105006	MOHAMED IMTHYAS.E	87
7	420321105007	NITHISH KUMAR.V	86
8	420321105008	RAGUL.R	76
9	420321105009	SABARI.S	87
10	420321105010	SURIYA.M	86
11	420321105011	VASANTHARAJ.R	87
12	420321105012	VISHNU PRIYA.B	75

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13	420321103001	DHIIVYA.V	86
14	420321103002	DURGA.D	87
13	420321103003	MAGESHWARAN.I	76
14	420321103004	RAJAGURU M	89
15	420321103005	SRI SOWMIYA.M	87
16	420321103006	THENNARASU M	69
17	420321103007	THULASI.T	67
18	420321114001	AJITH E	64
19	420321114002	BOSE M	63
20	420321114003	CHANDRU.S	74
21	420321114004	DHANRAJ.T	76
22	420321114005	KARUNAKARAN.G	78
23	420321114006	MUTHUBALAN M	91
24	420321114007	NAVEEN R	75
25	420321114008	PARAMASIVAM V	74
26	420321114009	PRABAKARAN.A	76
27	420321114010	PRAVEEN.P	72
28	420321114011	SENTHILRAJA.K	68
29	420321114012	SIVALINGAM.C	59
30	420321114013	UDHAYAKUMAR S	85

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31	420321114014	VEERAPPAN.P	87
32	420321114015	VENTHAN .V	65
33	420321114016	VIGNESG E	86

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

ONE PAGE REPORT

Department:	DEPARTMENT OF SCIENCE AND HUMANITIES
Type of Event:	CERTIFICATE COURSE
Event Title:	CAMPUS TO CORPORATE FOR YOUNG ENGINEERS
Date & Time:	13.04.2022 TO 30.05.2022(5 PM TO 6 PM)
Venue :	Online
Organizer:	AREC– DEPARTMENT OF S&H
Coordinator:	Dr.D.SENTHILKUMAR
Resource person	Dr.R.ELILARASI
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with participants on 13.04.2022 TO 30.05.2022 at 5 PM with welcome Address and introduction by the co-ordinator Dr.D.SENTHILKUMAR,AP/S&H ,AREC. • Resource person Dr.R.ELILARASIHOD of S&H has cover the CAMPUS TO CORPORATE FOR YOUNG ENGINEERSand they demonstrated each and every concept. • The students will get hands-on experience in it. Students really enjoyed the session and learnt a lot. Now 33 students will be able to apply the concept and its application. • Dr.K.HARIKUMAR, AP/S&H,AREC,proposed the vote of thanks to the participants and organizers.

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. **NAVEEN KRISHNA.K.G** has participated in the 31 days Value added course on CAMPUS TO CORPORATE FOR YOUNG ENGINEERS organized by the Department of S&H , A.R. Engineering College, held 13.04.2022 TO 30.05.2022

HOD
Department of S&H

PRINCIPAL

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ACADEMIC YEAR

2020 - 2021

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS, M.E., Ph.D.,
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Academic Year: 2020-2021

Sl. NO	Name of Add on /Certificate programs offered	Course code	Department	Year Of Offering	No of times offered during the same year	Date and year	Duration of course	No of students enrolled	No of student completing t course in the year
1	Add-on Course On Angular Js	VACSE101	CSE	III, IV	1	14.08.2020 to 29.09.2020	31	30	30
2	Value added course on Building Information Modeling	VACIVIL102	CIVIL	IV	1	14.08.2020 To 28.09.2020	30	12	12
3	Value-added course on Ansys fluent-cfo	VACMECH104	MECH	IV,III	1	14.08.2020 To 29.09.2020	31	28	28
4	Value-added course on Arduino	VACECE103	ECE	II,III	1	09.04.2021 To 28.05.2021	30	14	14
5	Certificate course on Basic Electrical and Electronics Components	VACEEE105	EEE	I,II,III	1	09.04.2021 To 28.05.2021	30	25	25
6	Certificate course on Deep Learning	VACSH106	S&H	I	1	09.04.2021 To 29.05.2021	31	49	49

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DEPARTMENT OF CSE
PERMISSION LETTER

Date: 04.08.2020

FROM

The HOD
Department of CSE
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB: Seeking permission to conduct value-added course.

Respected Sir,

We are planning to conduct Value-added course on **ANGULARJS** on 14.8.2020 to 29.09.2020.We request you to grant permission for the same.

Name of the Course :ANGULARJS

Course Coordinator : Ms.P.SUGANYA
AP/CSE
AR Engineering college
Kappiyampuliyur.

Thanking you

Your's sincerely

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF CSE

CIRCULAR

Date:07.08.2020

All III,IV Year students of the department of CSE, AR engineeringcollege who are interested are hereby informed to enroll their names of the value-added course titled **"ANGULARJS"**.

COURSE DETAILS:

Course title	Value added course on angularjs
Course code	VACCSE101
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Schedule	14.8.2020 to 29.09.2020
Timing	05.00pmto 06.00pm
Course Co-Ordinator	Ms.P.SUGANYA
Resource person	Dr.P.SuryaPrakash
Certificate	Yes

PRINCIPAL

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE
on
ANGULAR JS"

14.08.2020 to 29.09.2020

Time:05.00PM-06.00 pm

Co-ordinator:

Ms.P.SUGANYA

AP/Department of Cse

Resource Person:

Dr.P.SURYAPRAKASHHOD/
Department of Cse

Organized by
DEPARTMENT OF Cse
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the coures:

- Reduce the amount of code you write to build rich user interface applications
- Providing twoway binding of data
- Create single page applications
- Modelarise your code with the custom services and directives.

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE
ON ANGULAR JS
14.08.2020 to 29.09.2020

Registration form

Name:

Designation:

College:

Branch:

Address:

Whats appNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.courses...

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON ANGULARJS

DATE: 14.8.2020 to 29.09.2020 **TOTAL Hours: 31**

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Introduction to Client side scripting languages	14.8.2020	1 hr
2	Basic of Java script and jquery	17.08.2020/18.08.2020	2 hr
3	Introduction to AngularJs	19.08.2020	1 hr
4	Bootstrapping angular apps	20.08.2020/24.08.2020	2hr
5	Auto bootstrap,Custom boot strap	25.08.2020/26.08.2020	2 hr
6	Data bind,Binding model objects	27.08.2020/28.08.2020	2 hr
7	Model objects visibility,Scope	29.08.2020/31.08.2020	2 hr
8	Introduction to Client side scripting languages	1.09.2020/02.09.2020	2hr
9	Basic of Java script and jquery	03.09.2020/04.02.2020	2hr
10	Introduction to AngularJs	05.09.2020/07.09.2020	2 hr
11	Boot strapping angular apps	08.09.2020	1 hr
12	JS ON advantages,Using JSON in angularjs	09.09.2020	1hr
13	Dependency injection	10.09.2020	1hr
14	What is Dependency injection?	11.09.2020	1 hr
15	Implicit DI in line array an not ated DIS inject array an notated DI	12.09.2020	1 hr
16	Introduction to expressions	14.09.2020	1 hr
17	AngularJs Expressions,AngularJsNumbers	15.09.2020/16.09.2020	2 hr
18	AngularJs Strings,Arrays,Objects	17.09.2020	1 hr
19	Filters.Adding Filters to Expressions,Adding Filters to Directives	18.09.2020/19.09.2020	2 hr
20	Working with built in filters,Creating custom filters	28.9.2020/29.9.2020	2 hr
		TOTAL	31hr

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DEPARTMENT OF CSE
VALUE ADDED COURSE ON ANGULAR JS

STUDENTS NAME LIST :(III,IV)
TOTAL HOURS :31 HRS
TIME:5.00 PM TO 6.00PM

DATE:14.08.2020 to 29.09.2020

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420317104004	GOWSALYA. R	IV	Gowsalya.R
2	420317104007	JAYASRI .P	IV	JAYASRI.P
3	420317104010	MANIKANDAN. P	IV	Manikandan.P
4	420317104012	NIVEDHA .R	IV	NIVEDHA.R
5	420317104015	PREMKUMAR. P	IV	premkumar.R
6	420317104016	PRIYANKA .R	IV	Pr[illegible].R
7	420317104018	RABIYA .D	IV	Rab[illegible].D
8	420317104019	RAJESHWARI. N	IV	Raj[illegible].N
9	420317104020	SAKTHIVEL .N	IV	Sakthivel.N.
10	420317104022	SATHISH .A	IV	Sathish.A
11	420317104024	SHALANI .S	IV	Shalani.S
12	420317104027	SUNILJOSHI. V	IV	sunilJoshi.V
13	420317104028	VALLARASU .K	IV	Vallarasu.K
14	420317104029	VANISHREE .N	IV	[illegible]

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DATE:14.08.2020 to 29.09.2020

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1	420317104004	GOWSALYA. R	IV	Gowsalya.R
2	420317104007	JAYASRI .P	IV	JAYASRI.P
3	420317104010	MANIKANDAN. P	IV	Manikandan.P
4	420317104012	NIVEDHA .R	IV	NIVEDHA.R
5	420317104015	PREMKUMAR. P	IV	Premkumar.R
6	420317104016	PRIYANKA .R	IV	Priy .R
7	420317104018	RABIYA .D	IV	Rab .D
8	420317104019	RAJESHWARI. N	IV	Raje .N
9	420317104020	SAKTHIVEL .N	IV	Sakthivel.N.
10	420317104022	SATHISH .A	IV	Sathish.A
11	420317104024	SHALANI .S	IV	Shalani.S
12	420317104027	SUNILJOSHI. V	IV	sunilJoshi.V
13	420317104028	VALLARASU .K	IV	Vallarasu.K
14	420317104029	VANISHREE .N	IV	

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15	420317104031	YUVARANI .M	IV	
16	420318104001	ABITHA A	III	
17	420318104002	AMIRTHALAKSHMI V	III	
18	420318104003	ANANDHI S	III	
19	420318104004	BHUVANESHWARI G	III	
20	420318104005	GIRIPRASATH K	III	
21	420318104007	GUNASEELAN G	III	
22	420318104008	KAVITHENDRAL K	III	
23	420318104009	KAVITHRA K	III	
24	420318104010	MANGALAMBIGAI A	III	
25	420318104011	SANTHI J	III	
26	420318104012	STEPHEN RAJ R	III	
27	420318104013	SUJATHA A	III	
28	420318104014	SWARNALAKSHMI B	III	
29	420318104016	VARADHARAJA PERUMAL L	III	
30	420318104018	YUVARAJ V	III	

COURSE CO-ORDINATOR

HOD

Dr.R.PANNEERDHASS,M.E.,Ph D.,
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21	420318104007	GUNASEELAN G	III	
22	420318104008	KAVITHENDRAL K	III	
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27	420318104013	SUJATHA A	III	
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29	420318104016	VARADHARAJA PERUMAL L	III	
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DEPARTMENT OF CSE
VALUE ADDED COURSE ON ANGULAR JS

ATTENDENCE SHEET :(III IV)

DATE:14.08.2020 to 29.09.2020

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			14.8.2020	17.8.2020	18.8.2020	19.8.2020	20.8.2020	24.8.2020	25.8.2020	26.8.2020	27.8.2020	28.8.2020	29.8.2020	31.8.2020	1.9.2020	2.9.2020	3.9.2020
1	420317104004	GOWSALYA. R															
2	420317104007	JAYASRI .P															
3	420317104010	MANIKANDAN. P															
4	420317104012	NIVEDHA .R															
5	420317104015	PREMKUMAR. P															
6	420317104016	PRIYANKA .R															
7	420317104018	RABIYA .D															
8	420317104019	RAJESHWARI. N															
9	420317104020	SAKTHIVEL .N															
10	420317104022	SATHISH .A															
11	420317104024	SHALANI .S															

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12	420317104027	SUNILJOSHI. V															
13	420317104028	VALLARASU .K															
14	420317104029	VANISHREE .N															
15	420317104031	YUVARANI .M															
16	420318104001	ABITHA A															
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18	420318104003	ANANDHI S															
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20	420318104005	GIRIPRASATH K															
21	420318104007	GUNASEELAN G															
22	420318104008	KAVITHENDRAL K															
23	420318104009	KAVITHRA K															
24	420318104010	MANGALAMBIGAI A															
25	420318104011	SANTHI J															
26	420318104012	STEPHEN RAJ R															
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29	420318104016	VARADHARAJA PERUMAL L															
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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30	Day 31
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1 hr
			4.9.2020	5.9.2020	7.9.2020	8.9.2020	9.9.2020	10.9.2020	11.9.2020	12.9.2020	14.9.2020	15.9.2020	16.9.2020	17.9.2020	18.9.2020	19.9.2020	28.9.2020	29.9.2020
1	420317104004	GOWSALYA. R																
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11	420317104024	SHALANI .S																
12	420317104027	SUNILJOSHI. V																

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13	420317104028	VALLARASU .K																
14	420317104029	VANISHREE .N																
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DEPARTMENT OF CSE

VALUE ADDED COURSE ON ANGULAR JS

STUDENTS ASSESMENT MARK LIST :(III,IV) **DATE:14.08.2020 to 29.09.2020**
TOTAL HOURS :31 HRS
TIME:5.00 PM TO 6.00PM

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420317104004	GOWSALYA. R	IV	86
2	420317104007	JAYASRI .P	IV	92
3	420317104010	MANIKANDAN. P	IV	88
4	420317104012	NIVEDHA .R	IV	70
5	420317104015	PREMKUMAR. P	IV	69
6	420317104016	PRIYANKA .R	IV	82
7	420317104018	RABIYA .D	IV	75
8	420317104019	RAJESHWARI. N	IV	64
9	420317104020	SAKTHIVEL .N	IV	69
10	420317104022	SATHISH .A	IV	72
11	420317104024	SHALANI .S	IV	66
12	420317104027	SUNILJOSHI. V	IV	59
13	420317104028	VALLARASU .K	IV	92
14	420317104029	VANISHREE .N	IV	78

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601

15	420317104031	YUVARANI .M	IV	81
16	420318104001	ABITHA A	III	65
17	420318104002	AMIRTHALAKSHMI V	III	90
18	420318104003	ANANDHI S	III	77
19	420318104004	BHUVANESHWARI G	III	78
20	420318104005	GIRIPRASATH K	III	68
21	420318104007	GUNASEELAN G	III	90
22	420318104008	KAVITHENDRAL K	III	82
23	420318104009	KAVITHRA K	III	65
24	420318104010	MANGALAMBIGAI A	III	60
25	420318104011	SANTHI J	III	85
26	420318104012	STEPHEN RAJ R	III	90
27	420318104013	SUJATHA A	III	82
28	420318104014	SWARNALAKSHMI B	III	74
29	420318104016	VARADHARAJA PERUMAL L	III	88
30	420318104018	YUVARAJ V	III	61

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

ONE PAGE REPORT

Department:	CSE
Type of Event:	Value Added Course
Event Title:	ANGULAR JS
Date & Time:	14.08.2020 to 29.09.2020 & (5PM-6PM)
Venue :	AREC
Organizer:	AREC–CSE
Coordinator:	Ms.P.SUGANYA
Resource person	Dr.P.SURYAPRAKASH
Details of Participants:	Students and faculty members of AREC
Write-up on Event	ANGULARJS course conducted on 14.08.2020 to 29.09.2020.Total duration of course was 31 hours. Total **30 Students** have attended the course. This course elucidates concepts related to Internet of things.The students will get hands- on experience in working with ANGULARJS. Resource person **Dr.P.SURYAPRAKASHHOD/Department of CSE/RMD COLLEGE OF ENGINEERING** has cover the basic of the **ANGULARJS** and they demonstrated each and every concept and also covered set. Students really enjoyed the session and learnt a lot.Now 30 students will be able to apply the conc concept in advanced application.

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Vadakuchipalayam, kappiyampuliyur po, Villupuram 605 601.

This is to certify that Mr./Ms .....GOWSALYA.R.....has participated in the 31 days Value added course on "**Angular JS**"organized by the Department of CSE, A R Engineering college , held on **14.08.2020 TO 29.09.2020**

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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Vadakuchipalayam, Kappiyampuliyurpost,Villupuram-605601,Tamilnadu.

DEPARTMENT OF CIVIL
PERMISSION LETTER

Date: Date: 04.08.2020

From

The Hod

Department of civil

AR Engineering college
Kappiyampuliyur.

TO

The principal

AR Engineering college

Kappiyampuliyur

SUB: Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct Value-added course on Building Information Modeling on 14.08.2020 to 28.09.2020. We request you to grant permission for the same.

Name of the Course : Building Information Modeling

Course Coordinator : MS.K.PAVITHRA
Assistant professor
AR Engineering College,
Kappiyampuliyur.

Thanking you

Your's sincerely

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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DEPARTMENT OF CIVIL
CIRCULAR

Date: 07.08.2020

The IV-Year students of the department of CIVIL, AR college of engineering who are interested are hereby informed to enroll their names of the value added course titled "Building Information Modeling".

COURSE DETAILS:

Course title	VALUE ADDED COURSE ON BUILDING INFORMATION MODELING
Course code	VACIVIL102
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	14.08.2020 to 28.09.2020
Timing	5 pm to 6 pm
Course Co-Ordinator	Ms.R.Pavithra
Resource person	Mr.B.Anandhakumar
Certificate	Yes

B. Anandhakumar
HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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Vadakuchipalayam, Kappiyampuliyurpost,Villupuram-605601,Tamilnadu.

A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE

on

BUILDING INFORMATION MODELING"

Department of Civil

14.8.2020 to 28.9.2020
05.00pm to 06.00pm

Co-ordinator:

MS.K.PAVITHRAAP/Department of Civil

Resource Person:

Mr.B.AnandhakumarHOD/Department of civil

Organized by
DEPARTMENT OF CIVIL
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Explain the principles of building information modeling
- Describe the characteristic of a BIM in commercial and residential architecture
- Explain the common tools and processes used in parametric modeling.

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE
ON Building Information Modeling
14.8.2020 to 28.9.2020

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registrationlink:

Registration Date

For more information contact

Course coordinator:9159166467

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON BUILDING INFORMATION MODELING

DATE:14.08.2020 to 28.9.2020 TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	BMI Scope and introduction	14.8.2020 /17.08.2020/18.08.2020 19.08.2020/20.08.2020/24.08.2020 25.08.2020/26.08.2020 27.08.2020/28.08.2020	10 hrs
2	Collaboration the heart of BMI process		
3	Building smart		
4	BMI execution plan		
5	BMI Maturity level		
6	Synergies between lean construction		
7	Virtual design and construction	29.08.2020/31.08.2020/1.09.2020 02.09.2020/03.09.2020/04.02.2020 05.09.2020/07.09.2020/08.09.2020 09.09.2020/10.09.2020	11hrs
8	BMI Fundamentals		
9	BMI constructions		
10	Site utilization planning		
11	Phase planning		
12	3D co-ordination detection		
13	Record Modeling		
14	Field Management Tracking	11.09.2020/12.09.2020/14.09.2020 15.09.2020/16.09.2020/17.09.2020 18.09.2020/19.09.2020 28.9.2020	09hrs
15	Construction Manager		
16	Design Build		
17	Digital fabrication		
18	BMI co-ordinator		
19	BMI Scope and introduction		
20	Collaboration the heart of BMI process		
		TOTAL	30 hrs

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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON BUILDING INFORMATION MODELING STUDENTS

STUDENTS NAME LIST:IV YEAR **DATE:14.8.2020 TO 28.9.2020**

SI.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420317103001	BALAGI C	IV	C.Balagi
2	420317103005	JAYANTHI K	IV	K.J
3	420317103006	MOHANA RAJAN M	IV	M.M
4	420317103008	PRAVEEN KRISHNA D	IV	D.P
5	420317103010	SASIKUMAR K	IV	K.Sasikumar
6	420317103012	SIVARANJANI R	IV	R.Siva
7	420317103013	SRIRANJANI R	IV	R.S
8	420317103014	VASANTHA KUMARI N	IV	V.Vasanthar
9	420317103015	VIJAYA KUMAR S	IV	S.V
10	420317103301	SAKTHIVEL A	IV	Sakthivel.A
11	420317103302	VIGNESH K	IV	VIGNESH.K
12	420317103501	RAMYA A	IV	A.Ramya

COURSE CO-ORDINATOR HOD PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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KAPPIYAMPULIYUR POST,
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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON BUILDING INFORMATION MODELING STUDENT

ATTENDENCE SHEET IV-YEAR **DATE:14.8.2020 TO 28.9.2020**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			14.8.2020	17.8.2020	18.8.2020	19.8.2020	20.8.2020	24.8.2020	25.8.2020	26.8.2020	27.8.2020	28.8.2020	29.8.2020	31.8.2020	1.9.2020	2.9.2020	3.9.2020
1	420317103001	BALAGI C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	420317103005	JAYANTHI K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	420317103006	MOHANA RAJAN M	P	P	P	P	P	P	P	P	P	P	P	P	AB	AB	AB
4	420317103008	PRAVEEN KRISHNA D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	420317103010	SASIKUMAR K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	420317103012	SIVARANJANI R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	420317103013	SRIRANJANI R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	420317103014	VASANTHA KUMARI N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	420317103015	VIJAYA KUMAR S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	420317103301	SAKTHIVEL A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	420317103302	VIGNESH K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	420317103501	RAMYA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			4.9.2020	5.9.2020	7.9.2020	8.9.2020	9.9.2020	10.9.2020	11.9.2020	12.9.2020	14.9.2020	15.9.2020	16.9.2020	17.9.2020	18.9.2020	19.9.2020	28.9.2020
1	420317103001	BALAGI C															
2	420317103005	JAYANTHI K															
3	420317103006	MOHANA RAJAN M															
4	420317103008	PRAVEEN KRISHNA D															
5	420317103010	SASIKUMAR K															
6	420317103012	SIVARANJANI R															
7	420317103013	SRIRANJANI R															
8	420317103014	VASANTHA KUMARI N															
9	420317103015	VIJAYA KUMAR S															
10	420317103301	SAKTHIVEL A															
11	420317103302	VIGNESH K															
12	420317103501	RAMYA A															

COURSE CO-ORDINATOR HOD PRINCIPAL

Dr.R.PAN... M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605...

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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON BUILDING INFORMATION MODELING STUDENTS

STUDENTS ASSESMENT MARK LIST:IV YEAR **DATE:14.8.2020 TO 28.9.2020**

SI.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420317103001	BALAGI C	IV	A
2	420317103005	JAYANTHI K7;[	IV	O
3	420317103006	MOHANA RAJAN M	IV	B+
4	420317103008	PRAVEEN KRISHNA D	IV	A+
5	420317103010	SASIKUMAR K	IV	O
6	420317103012	SIVARANJANI R	IV	A+
7	420317103013	SRIRANJANI R	IV	A
8	420317103014	VASANTHA KUMARI N	IV	B+
9	420317103015	VIJAYA KUMAR S	IV	A+
10	420317103301	SAKTHIVEL A	IV	A
11	420317103302	VIGNESH K	IV	A+
12	420317103501	RAMYA A	IV	B+

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph D.,
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON BUILDING INFORMATION MODELING STUDENTS

STUDENTS ASSESMENT MARK LIST:IV YEAR **DATE:14.8.2020 TO 28.9.2020**

SI.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420317103001	BALAGI C	IV	A
2	420317103005	JAYANTHI K	IV	O
3	420317103006	MOHANA RAJAN M	IV	B+
4	420317103008	PRAVEEN KRISHNA D	IV	A+
5	420317103010	SASIKUMAR K	IV	O
6	420317103012	SIVARANJANI R	IV	A+
7	420317103013	SRIRANJANI R	IV	A
8	420317103014	VASANTHA KUMARI N	IV	B+
9	420317103015	VIJAYA KUMAR S	IV	A+
10	420317103301	SAKTHIVEL A	IV	A
11	420317103302	VIGNESH K	IV	A+
12	420317103501	RAMYA A	IV	B+

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Dr. P PANNEERDHASS, M.E., Ph.D.,
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KAPPIYAMPULIYUR POST,
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ONE PAGE REPORT

Department:	CIVIL
Type of Event:	Value Added Course
Event Title:	Building Information Modeling
Date & Time:	14.8.2020 to 28.9.2020(5 pm to 6 pm)
Venue :	AREC
Organizer:	AREC–CIVIL
Coordinator:	MS.K.PAVITHRA
Resource person	Mr.B.Anandhakumar
Details of Participants:	Students and faculty members of AREC
Write-up on Event	Building Information Modeling course conducted on 14.8.2020 to 28.9.2020 Total duration of course was 30 hours. Total 12 Students have attended the course Resource person **Mr.B.AnandhakumarHOD\CIVIL** has cover the basic of the Building Information Modeling and they demonstrated each and every concept Students really enjoyed the session and learnt a lot.Now 12 students will be able to apply the concept in advanced application. **Mr.K.ElayarajaAP/CIVIL,AREC,**proposed the vote of thanks to the participants and organizers.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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KAPPIYAMPULIYUR POST,
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This is to certify that Mr./Ms .....BALAGI.C.....has participated in the 30 days Value added course on "Building information modelling"organized by the Department of CIVIL, A R Engineering college , held on 14.08.2020 TO 28.09.2020

B Sudha

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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KAPPIYAMPULIYUR POST,
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DEPARTMENT OF MECHANICAL ENGINEERING

PERMISSION LETTER

Date:4.8.2020

From

The Hod
Department of MECH
AR Engineering college
Kappiyampuliyur

To

The principal
AR Engineering college
Kappiyampuliyur

SUB: Seeking permission to conduct VALUE ADDED COURSE ON ANSYSFLUENT-CFO

Respected sir,

As per academic excellence it is planned to conduct value-added course to our students in the field of advance manufacturing The duration of the programme is planned 30 hours and it is scheduled between your kind permission is sought for conducting the programme.

Name of the Course :VALUE ADDED COURSE ON ANSYSFLUENT-CFO

Course Coordinator :Mr.S.Ramamoorthy
Assistant professor
AR Engineering College
Kappiyampuliyur.

Thanking you

Your's sincierly

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

It is planned to conduct the value added course for the third and final year mechanical engineering students.The value added course is a certification course which are designed and offered by our mechanical department for the benefit of the students. Value added course will be conducted at free of cost and willingness of students.Students who are willing to attend the below mentioned course can enroll their names to the course coordinator.

COURSE DETAILS:

Course title	value added course on ANSYSFLUENT-CFO
Course code	VACMECH104
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	14.8.2020 to29.9.2020
Timing	5pm to 6 pm/online
Course Co-Ordinator	Mr.S.Ramamoorthy
Resource person	Dr.S.Dhanushkodi
Certificate	Yes

PRINCIPAL

S. Dhanushkodi
HOD

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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VADAKUCHIPALAYAM,
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE

on

ANSYSFLUENT- CFO

Department of Mech

14.8.2020 to29.9.2020

Time:5 PM TO 6 PM

Co-ordinator:

Mr.S.Ramamoorthy

AP/Department of Mech

Resource Person:

Dr.S.Dhanushkodi

HOD/Departmentof Mech

Organized by

DEPARTMENT OF Mech

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601
Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Ansys develops and markets engineering simulation software which is used to gain insights to make better decision faster design and improve products and system and optimize model-based workflows.

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE

ON ANSYSFLUENT- CFO

14.8.2020 to 29.9.2020

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:https://arec.addon.courses.signin

For more information contact

Course coordinator:9159166467

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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Vadakuchipalayam, Kappiyampuliyurpost,Villupuram-605601,Tamilnadu.

DEPARTMENT OF MECHANICAL ENGINEEEING

VALUE ADDED COURSE ON ANSYSFLUENT-CFO

DATE: 14.8.2020 to 29.9.2020 **TOTAL Hours: 31**

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Introduction to Workbench Interface. Design Modeler	14.8.2020 /17.08.2020/18.08.2020 19.08.2020/20.08.2020/24.08.2020 25.08.2020/26.08.2020 27.08.2020/28.08.2020	
2	AnsysMeshing,Introductionto CPD , Solver Basics		
3	Boundary conditions, Solver settings		
4	Modeling Turbulent flows , Heat Transfer Modeling		
5	Multiphase flows. Moving zones		
6	UserDefinedFunctions		
7	Menu Bar & Toolbars		
8	The Navigation Pane		
9	Task Pages	29.08.2020/31.08.2020/1.09.2020 02.09.2020/03.09.2020/04.02.2020 05.09.2020/07.09.2020/08.09.2020 09.09.2020/10.09.2020	10 hrs
10	The Console		
11	Boundary Conditions		
12	Fluent in Workbench		
13	Menu Bar & Toolbars		
14	Problem Description		
15	Creating a Fluent Fluid Flow Analysis System in ANSYS Workbench		
16	Creating the Geometry in ANSYS DesignModeler		
17	Meshing the Geometry in the ANSYS Meshing Application		
18	Setting Up the CFD Simulation in ANSYS Fluent	11.09.2020/12.09.2020/14.09.2020 15.09.2020/16.09.2020/17.09.2020 18.09.2020/19.09.2020 28.9.2020/29.9.2020	10 hrs
19	Displaying Results in ANSYS Fluent and CFD-Post		
20	Duplicating the Fluent-Based Fluid Flow Analysis System		
21	Changing the Geometry in ANSYS DesignModeler		
22	Updating the Mesh in the ANSYS Meshing Application		
23	Calculating a New Solution in ANSYS Fluent		
24	Comparing the Results of Both Systems in CFD-Post		
25	Simulation Physics & Boundary Conditions		
26	Set Boundary Conditions		
27	Set Operating Conditions		
28	Set Solution Methods		
		TOTAL	31 hrs

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON ANSYSFLUENT-CFO

STUDENTS NAME LIST:[IV,III] **DATE:14.8.2020 TO 29.9.2020**

S.NO	REGISTER NUMBER	NAME	YEAR	SIGNATURE
1	420317114001	ABINESH K	IV	
2	420317114004	ANBARASAN S	IV	
3	420317114005	ARUNKUMAR E	IV	
4	420317114007	BAKKIYALAKSHMI E	IV	
5	420317114009	BALASANKAR P	IV	
6	420317114011	BRAIN LARA L	IV	
7	420317114012	CHANDRU S	IV	
8	420317114013	DEENADHAYALAN A	IV	
9	420317114015	DHANANJEYAN S	IV	
10	420317114016	DHINAGARAN P	IV	
11	420317114017	DHINESH S	IV	
12	420317114018	DINAKARAN M	IV	
13	420318114002	AJITHKUMAR M	III	
14	420318114003	ARULKUMAR S	III	

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15	420318114006	DINESHKUMAR M	III	M. Dineshkumar
16	420318114007	DINESHKUMAR V	III	V. Dineshkumar
17	420318114009	EZHILMULLAIARASU M	III	M. Ezhil
18	420318114010	GURUMOORTHI S	III	S. Gurumoorthi
19	420318114015	NIJANTHAN J	III	J. Nijanthan
20	420318114017	RAGURAMAN R	III	R. Raguraman
21	420318114018	RAJ A	III	A. Raj
22	420318114019	RAKESH R	III	R. Rakeshkumar
23	420318114020	RAMPRASATH D	III	D. Ramprasath
24	420318114021	RANGARAJAN R	III	R. Rangarajan
25	420318114024	UDHAYAKUMAR M	III	M. Udhayakumar
26	420318114027	VIGNESHWARAN M	III	M. Vigneshwaran
27	420318114028	YUVARAJ P	III	P. Yuvaraj
28	420318114029	YUVARAJ T	III	T. Yuvaraj

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON ANSYSFLUENT-CFO

ATTENDENCE SHEET:[III,IV] **DATE:14.8.2020 to 29.9.2020**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			14.8.2020	17.8.2020	18.8.2020	19.8.2020	20.8.2020	24.8.2020	25.8.2020	26.8.2020	27.8.2020	28.8.2020	29.8.2020	31.8.2020	1.9.2020	2.9.2020	3.9.2020
1	420317114001	ABINESH K															
2	420317114004	ANBARASAN S															
3	420317114005	ARUNKUMAR E															
4	420317114007	BAKKIYALAKSHMI E															
5	420317114009	BALASANKAR P															
6	420317114011	BRAIN LARA L															
7	420317114012	CHANDRU S															
8	420317114013	DEENADHAYALAN A															
9	420317114015	DHANANJEYAN S															
10	420317114016	DHINAGARAN P															
11	420317114017	DHINESH S															

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12	420317114018	DINAKARAN M	
13	420318114002	AJITHKUMAR M	
14	420318114003	ARULKUMAR S	
15	420318114006	DINESHKUMAR M	
16	420318114007	DINESHKUMAR V	
17	420318114009	EZHILMULLAIARASU M	
18	420318114010	GURUMOORTHI S	
19	420318114015	NIJANTHAN J	
20	420318114017	RAGURAMAN R	
21	420318114018	RAJ A	
22	420318114019	RAKESH R	
23	420318114020	RAMPRASATH D	
24	420318114021	RANGARAJAN R	
25	420318114024	UDHAYAKUMAR M	
26	420318114027	VIGNESHWARAN M	
27	420318114028	YUVARAJ P	
28	420318114029	YUVARAJ T	

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30	Day 31
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1 hr
			4.9.2020	5.9.2020	7.9.2020	8.9.2020	9.9.2020	10.9.2020	11.9.2020	12.9.2020	14.9.2020	15.9.2020	16.9.2020	17.9.2020	18.9.2020	19.9.2020	28.9.2020	29.9.2020
1	420317114001	ABINESH K																
2	420317114004	ANBARASAN S																
3	420317114005	ARUNKUMAR E																
4	420317114007	BAKKIYALAKSHMI E																
5	420317114009	BALASANKAR P																
6	420317114011	BRAIN LARA L																
7	420317114012	CHANDRU S																
8	420317114013	DEENADHAYALAN A																
9	420317114015	DHANANJEYAN S																
10	420317114016	DHINAGARAN P																
11	420317114017	DHINESH S																
12	420317114018	DINAKARAN M																

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13	420318114002	AJITHKUMAR M	
14	420318114003	ARULKUMAR S	
15	420318114006	DINESHKUMAR M	
16	420318114007	DINESHKUMAR V	
17	420318114009	EZHILMULLAIARASU M	
18	420318114010	GURUMOORTHI S	
19	420318114015	NIJANTHAN J	
20	420318114017	RAGURAMAN R	
21	420318114018	RAJ A	
22	420318114019	RAKESH R	
23	420318114020	RAMPRASATH D	
24	420318114021	RANGARAJAN R	
25	420318114024	UDHAYAKUMAR M	
26	420318114027	VIGNESHWARAN M	
27	420318114028	YUVARAJ P	
28	420318114029	YUVARAJ T	

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON ANSYSFLUENT-CFO

STUDENTS ASSESMENT MARK LIST:[IV,III] **DATE:14.8.2020 TO 29.9.2020**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420317114001	ABINESH K	IV	88
2	420317114004	ANBARASAN S	IV	71
3	420317114005	ARUNKUMAR E	IV	85
4	420317114007	BAKKIYALAKSHMI E	IV	72
5	420317114009	BALASANKAR P	IV	70
6	420317114011	BRAIN LARA L	IV	90
7	420317114012	CHANDRU S	IV	66
8	420317114013	DEENADHAYALAN A	IV	82
9	420317114015	DHANANJEYAN S	IV	70
10	420317114016	DHINAGARAN P	IV	90
11	420317114017	DHINESH S	IV	82
12	420317114018	DINAKARAN M	IV	75
13	420318114002	AJITHKUMAR M	III	68
14	420318114003	ARULKUMAR S	III	85

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15	420318114006	DINESHKUMAR M	III	66
16	420318114007	DINESHKUMAR V	III	90
17	420318114009	EZHILMULLAIARASU M	III	82
18	420318114010	GURUMOORTHI S	III	91
19	420318114015	NIJANTHAN J	III	87
20	420318114017	RAGURAMAN R	III	65
21	420318114018	RAJ A	III	84
22	420318114019	RAKESH R	III	95
23	420318114020	RAMPRASATH D	III	77
24	420318114021	RANGARAJAN R	III	85
25	420318114024	UDHAYAKUMAR M	III	62
26	420318114027	VIGNESHWARAN M	III	68
27	420318114028	YUVARAJ P	III	88
28	420318114029	YUVARAJ T	III	80

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STUDENTS ASSESMENT MARK LIST:[IV,III] **DATE:14.8.2020 TO 29.9.2020**

S.NO	REGISTER NUMBER	NAME	YEAR	MARKS
1	420317114001	ABINESH K	IV	67
2	420317114004	ANBARASAN S	IV	88
3	420317114005	ARUNKUMAR E	IV	86
4	420317114007	BAKKIYALAKSHMI E	IV	95
5	420317114009	BALASANKAR P	IV	59
6	420317114011	BRAIN LARA L	IV	58
7	420317114012	CHANDRU S	IV	66
8	420317114013	DEENADHAYALAN A	IV	57
9	420317114015	DHANANJEYAN S	IV	58
10	420317114016	DHINAGARAN P	IV	85
11	420317114017	DHINESH S	IV	69
12	420317114018	DINAKARAN M	IV	58
13	420318114002	AJITHKUMAR M	III	95
14	420318114003	ARULKUMAR S	III	58

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15	420318114006	DINESHKUMAR M	III	95
16	420318114007	DINESHKUMAR V	III	86
17	420318114009	EZHILMULLAIARASU M	III	82
18	420318114010	GURUMOORTHI S	III	85
19	420318114015	NIJANTHAN J	III	87
20	420318114017	RAGURAMAN R	III	65
21	420318114018	RAJ A	III	84
22	420318114019	RAKESH R	III	95
23	420318114020	RAMPRASATH D	III	77
24	420318114021	RANGARAJAN R	III	85
25	420318114024	UDHAYAKUMAR M	III	62
26	420318114027	VIGNESHWARAN M	III	68
27	420318114028	YUVARAJ P	III	88
28	420318114029	YUVARAJ T	III	80

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ONE PAGE REPORT

Department:	MECH
Type of Event:	VALUE ADDED COURSE
Event Title:	ANSYSFLUENT- CFO
Date:	14.8.2020 to29.9.2020(5 PM TO 6 PM)
Venue :	AREC
Organizer:	AREC–MECH
Coordinator:	Mr.S.Ramamoorthy
Resource person:	Dr.S.Dhanushkodi
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• This course elucidates concepts related to **ANSYSFLUENT-CFO**.The students will get hands• on experience in working with simulation of **ANSYSFLUENT-CFO**. • Simulation and analysis using **ANSYSFLUENT-CFO**course conducted 14.08.2020 TO 29.09.2020 Total duration of **ANSYSFLUENT-CFO** course was 31 hours. Total 30 Students have attended the course. • Resource person Dr.S.Dhanushkodi HOD /Mech has cover the basic of the **ANSYSFLUENT-CFO** they demonstrated each and every concept and also covered.Students really enjoyed the session and learnt a lot.Now 30students will be able to apply the concept in advanced application.

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This is to certify that Mr./Ms .....K.ABINESH.....has participated in the 31 days Value added course on "Ansys fluent-cfo"organized by the Department of MECH, A R Engineering college , held on 14.08.2020 TO 29.09.2020

HOD

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PERMISSION LETTER
DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENINGINEERING

Date :24.3.2021

From

The Hod
Department of ECE
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB: Permission to conduct value-add on Course.

Respected Sir,

As per the instruction from IQAC regarding add on course we have planned to conduct the add-on course for the II,III year ECE students from 09.04.2021 to 28.5.2021.

Name of the Course : Value added course on ARDUINO

Course Co-ordinator: MRS. LAKSHIMIDEVI P
Assistant professor Department of ECE
AR Engineering College
Kappiyampuliyur.

So kindly permit us to conduct the above course in online.

Thanking you,

Yours sincerly

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

CIRCULAR

Date:06.04.2021

SUB :VALUE ADDED COURSE ON ARDUINO

It is planned to conduct the add-on course for the Second year Electronics and Communication Engineering students. The add-on courses are the certification course that is designed and offered by our department for the benefit of the students. Add-on courses will be conducted free of cost and the willingness of students. Students who are willing to attend the below the mentioned course can enrol their names to the course conductor.

COURSE DETAILS:

Course title	VALUE ADDED COURSE ON ARDUINO
Course code	VACECE103
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	09.04.2021 to 28.5.2021
Timing	5 pm to 6 pm
Course Co-Ordinator	MRS. LAKSHIMIDEVI P
Resource person	Mr.K.S.Krishnamoorthy
Certificate	Yes

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE

on

Arduino

Department of Ece

09.4.2021 to 28.5.2021

Time:05.00 pm to 06.00Pm

Co-ordinator:

MRS.

LakshimideviPAP/Department of ECE

Resource Person:

Mr.K.S.KrishnamoorthyHOD/Department of ECE

Organized by

DEPARTMENT OF Ece

A.R ENGINEERING COLLEGE

Kappiyampuliyur,

Villupuram 605 601

Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Introduction to open source hardware community of development
- Knowledge about ardiuno hardware
- Interfacing to real time objects like communicating from mobile to computer connection in LAN

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE

ON Arduino

09.4.2021 to 28.5.2021

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

Registration Date

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

DATE: 09.04.2021 to 28.5.2021 **TOTAL Hours: 30**

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	LEDS	9.4.2021/10.4.2021/12.4.2021 13.4.2021/14.4.2021/15.4.2021 16.4.2021/17.4.2021/19.4.2021 20.4.2021	10 hrs
2	Push button- controlled led		
3	Light dimmer,Bar graph		
4	Disco strobe light		
5	Plant monitor		
6	Ghost director		
7	SOUND		
8	Arduino melody,Memory game	21.4.2021/22.4.2021/23.4.2021 /24.4.2021/26.4.2021/27.4.2021 /28.4.2021/29.4.2021/30.4.2021 17.05.2021	10 hrs
9	Secrete knock lock		
10	SERVOS		
11	Joystick-controlled laser		
12	Remote control servo		
13	LCDS		
14	Lcd screen writer,Weather station		
15	Fortune teller,Reaction timer game		
16	NUMERIC COUNTERS		
17	Electronic die,Security	18.05.2021/19.05.2021/20.05.2021 21.05.2021/22.05.2021/24.05.2021 25.05.2021/26.05.2021/27.05.2021 28.05.2021	10 hrs
18	Intruder sensor		
19	Laser trip wire alarm		
20	Sentry gun		
21	Monitor sensor alarm		
22	Keypad entry system		
23	Wireless id card entry system		
24	Advanced,Rainbow light show		
25	Build your own Arduino		
		TOTAL	30 hrs

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A. R. ENGINEERING COLLEGE

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING
VALUE ADDED COURSE ON ARDUINO

STUDENT NAME LIST :[I,II,III] **DATE:09.04.2021 to 28.05.2021**

SL.NO	Register No:	Students Name	Year	SIGNATURE
1	420318106001	BALAJI S	III	
2	420318106002	HARISHANKAR V	III	
3	420318106004	SHAKI P	III	
4	420318106005	SUVASRI S	III	
5	420318106006	VANISRI S	III	
6	420319106001	TAMILARASAN S	II	
7	420319106002	VINOTHINI V	II	
8	420319106003	SANTHOSH T	II	
9	420310106301	GOMATHI P	I	
10	420310106302	GURUNATHAN R	I	
11	420310106303	SHARMILA A	I	
12	420310106304	ISWARYA M	I	
13	420310106305	SNEKHA T	I	

COURSE CO-ORDINATOR HOD PRINCIPAL

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

VALUE ADDED COURSE ON ARDUINO

ATTENDENCE SHEET:[I,II,III]

DATE: 09.04.2021 to 28.05.2021

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			9.4.2021	10.4.2021	12.4.2021	13.4.2021	14.4.2021	15.4.2021	16.4.2021	17.4.2021	19.4.2021	20.4.2021	21.4.2021	22.4.2021	23.4.2021	24.4.2021	26.4.2021
1	420318106001	BALAJI S															
2	420318106002	HARISHANKAR V															
3	420318106004	SHAKI P															
4	420318106005	SUVASRI S															
5	420318106006	VANISRI S															
6	420319106001	TAMILARASAN S															
7	420319106002	VINOTHINI V															
8	420319106003	SANTHOSH T															

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9	420310106301	GOMATHI P	
10	420310106302	GURUNATHAN R	
11	420310106303	SHARMILA A	
12	420310106304	ISWARYA M	
13	420310106305	SNEKHA T	

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			27.4.2021	28.4.2021	29.4.2021	30.4.2021	17.5.2021	18.5.21	19.5.2021	20.5.2021	21.5.2021	22.5.2021	24.5.2021	25.5.2021	26.5.2021	27.5.2021	28.5.2021
1	420318106001	BALAJI S															
2	420318106002	HARISHANKAR V															
3	420318106004	SHAKI P															
4	420318106005	SUVASRI S															
5	420318106006	VANISRI S															
6	420319106001	TAMILARASAN S															

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7	420319106002	VINOTHINI V															
8	420319106003	SANTHOSH T															
9	420310106301	GOMATHI P															
10	420310106302	GURUNATHAN R															
11	420310106303	SHARMILA A															
12	420310106304	ISWARYA M															
13	420310106305	SNEKHA T															

COURSE CO-ORDINATOR

HOD

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr. R. PANNEERDHASS, M.E., Ph.D.,
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DEPARTMENT OF ELECTRONICS AND COMMUNICTION

ENGINEERING

VALUE ADDED COURSE ON ARDUINO

STUDENT ASSESMENT MARK LIST :[I,II,III] **DATE:09.04.2021 to 28.05.2021**

SL.NO	Register No:	Students Name	Year	MARKS
1	420318106001	BALAJI S	III	88
2	420318106002	HARISHANKAR V	III	95
3	420318106004	SHAKI P	III	92
4	420318106005	SUVASRI S	III	81
5	420318106006	VANISRI S	III	72
6	420319106001	TAMILARASAN S	II	70
7	420319106002	VINOTHINI V	II	85
8	420319106003	SANTHOSH T	II	88
9	420310106301	GOMATHI P	I	67
10	420310106302	GURUNATHAN R	I	69
11	420310106303	SHARMILA A	I	63
12	420310106304	ISWARYA M	I	90
13	420310106305	SNEKHA T	I	59

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION

ENGINEERING

VALUE ADDED COURSE ON ARDUINO

STUDENT ASSESMENT MARK LIST :[I,II,III] **DATE:09.04.2021 to 28.05.2021**

SL.NO	Register No:	Students Name	Year	MARKS
1	420318106001	BALAJI S	III	66
2	420318106002	HARISHANKAR V	III	89
3	420318106004	SHAKI P	III	45
4	420318106005	SUVASRI S	III	48
5	420318106006	VANISRI S	III	84
6	420319106001	TAMILARASAN S	II	69
7	420319106002	VINOTHINI V	II	60
8	420319106003	SANTHOSH T	II	96
9	420310106301	GOMATHI P	I	60
10	420310106302	GURUNATHAN R	I	70
11	420310106303	SHARMILA A	I	63
12	420310106304	ISWARYA M	I	59
13	420310106305	SNEKHA T	I	60

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ONE PAGE REPORT

Department:	ECE
Type of Event:	Value added course
Event Title:	Arduino
Date & Time:	09.4.2021 to 28.5.2021(5 pm to 6 pm)
Venue :	AREC
Organizer:	AREC–ECE
Coordinator:	MRS. LAKSHIMIDEVI P
Resource person	Mr.K.S.Krishnamoorthy
Details of Participants:	Students and faculty members of AREC
Write-up on Event	The value added course started with 13 participants on 09.4.2021 to 28.5.2021 at 5pm with welcome address and introduction by the co-ordinator MRS. LAKSHIMIDEVI P **AP/ECE,AREC.** • Resource person Mr.K.S.Krishnamoorthy **HOD of ECE** has cover the basic of the ValueAdded Course on Arduino and they demonstrated each and every concept. • The students will get hands on experience in working Arduino.Students really enjoyed the session and learnt a lot. Now **13 students** will be able to apply theconcept and its application.

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This is to certify that Mr./Ms .....SHAKI.P.....has participated in the 30 days Value added course on "Arduino"organized by the Department of ECE, A R Engineering college , held on 09.04.2021 TO 28.05.2021

HOD

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KAPPIYAMPULIYUR POST,
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PERMISSION LETTER

From

The Hod
Department of EEE
AR Engineering college
Kappiyampuliyur

TO

The principal
AR Engineering college
Kappiyampuliyur

SUB: Certificate Program-Basic Electrical and Electronics Components.

Respected Sir,

We are planning to conduct Certificate course on" **Basic Electrical and Electronic components**" on 09.04.2021 TO 28.05.2021.we request you to grant permission for the same.

Name of the Course:Basic Electrical and Electronics Components

Course Coordinator :Mr.S.Udhayakumar
Assistant professor of EEE
AR Engineering College
Kappiyampuliyur

Thanking you

Your's sincerely

A. R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CIRCULAR

It is informed that Department of Electrical and Electronics Engineering has planned to organize a five day Certificate Course on **"Basic Electrical and Electronics Components "** in our college premises to enhance the practical Knowledge of the students. Hence,the IV Year Students of the Department are cordially invited.

COURSE DETAILS:

Course title	Value added course on Basic Electrical and Electronics Components
Course code	VACEEE105
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	09.04.2021 TO 28.05.2021
Timing	5 PM TO 6 PM/ONLINE
Course Co-Ordinator	Mr.S.Udhayakumar
Resource person	Mr.A.Chandrasekaran
Certificate	Yes

PRINCIPAL

A. Chandrasekaran.

HOD

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE

on

BasicElectricalandElectronics Components"

Department of EEE

09.4.2021 to 28.05.2021

Time: 5 pm to 6 Pm

Co-ordinator:

Mr.S.UdhayakumarAP/Department of EEE

Resource Person:

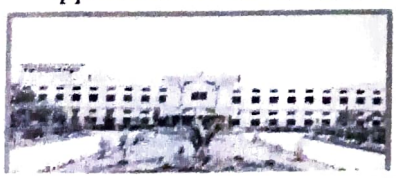
Mr.A.ChandrasekaranHOD/Department of EE

Organized by

DEPARTMENT OF EEE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601
Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- To learning about basic electrical and electronics componentetypically includes understanding their function,properties and how to use them in cicuits
- This knowledge forms the foundation for building and troubleshooting electronic devices and systems

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE

ON Basic Electrical and Electronics Components

09.4.2021 to 28.05.2021

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:https://arec.addon.co/gnin

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE ON BASIC ELECTRICAL AND ELECTRONIC COMPONENTS

DATE: 09.04.2021 TO 28.05.2021 TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	To gain knowledge on Electronics components (Diodes, Transistors.FET,UJT,SCR, TRIAC, DIAC,IGBT, LED, LCD and Seven Segment Display).	9.4.2021/10.4.2021/12.4.2021 13.4.2021/14.4.2021/15.4.2021 16.4.2021/17.4.2021/19.4.2021 20.4.2021	10 hrs
2	To gain knowledge on Electrical Safety.		
3	To gain knowledge on Motors,Generators & Starters.		
4	Understanding Concepts of Current,Voltage,Power Factor &Power, Ohms Law Kirchhoffs laws		
5	Understanding AC & DC Curnent & Voltage. Concept of Line &Neutral, Concept of 1-ph (L-N) & 3- ph (RYB - N)		
6	Using Push Buttons.Indicating Lamps, Selector/Key Switches	21.4.2021/22.4.2021/23.4.2021 /24.4.2021/26.4.2021/27.4.2021 /28.4.2021/29.4.2021/30.4.2021 17.05.2021	10hrs
7	Understanding Transformers (CT/PT), Voltmeter,Ammeter		
8	Energymeter,Terminal Blocks & Din Rails		
9	Understanding Electrical Circuits (Series/Parallel)		
10	Understanding Concept of Relays and Contactors(NO/NC)		
11	Using Shielded & Unshielded Cables, Cable Gauges & AWG sizes	18.05.2021/19.05.2021/20.05.2021 21.05.2021/22.05.2021/24.05.2021 25.05.2021/26.05.2021/27.05.2021 28.05.2021	10 hrs
12	Using Star & Delta Connections, Bus Bars.		
13	To gain knowledge on Electronics components (Diodes, Transistors. FET,UJT,SCR, TRIAC, DIAC,IGBT, LED, LCD and Seven Segment Display).		
14	To gain knowledge on Electrical Safety.		
		TOTAL	30 hrs

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF EEE

CERTIFICATE COURSE ON BASICELECTRICAL AND ELECTRONIC COMPONENTS

STUDENT NAME LIST:[I,II,III] **Date:09.04.2021 to 28.05.2021**

SL.NO:	REG.NO:	NAME	YEAR	SIGNATURE
1	420318105001	DHARANEESHKUMAR.R	III	
2	420318105002	GAYATHRI M	III	
3	420319105301	BALAKRISHNAN V	II	
4	420319105302	KRISHNARAJ R	II	
5	420319105303	LASARVIJAY B	II	
6	420319105303	SRIDEVI.S	I	
7	420319105303	KARTHIGA R	I	
8	420319105303	SUGANTHI P	I	
9	420319105303	RANJANI S	I	
10	420319105303	ELAVARASAN A	I	
11	420319105303	MURALIDAS M	I	
12	420319105303	SUGANRAJ S	I	
13	420319105303	BHUVANESWARI .K	I	

COURSE CO-ORDINATOR **HOD** **PRINCIPAL**

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANDI

A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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DEPARTMENT OF EEE

CERTIFICATE COURSE ON BASIC ELECTRICAL AND ELECTRONIC COMPONENTS

ATTENDENCE SHEET :[I,II,III] **DATE:09.04.2021 to 28.05.2021**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			9.4.2021	10.4.2021	12.4.2021	13.4.2021	14.4.2021	15.4.2021	16.4.2021	17.4.2021	19.4.2021	20.4.2021	21.4.2021	22.4.2021	23.4.2021	24.4.2021	26.4.2021
1	420318105001	DHARANEESHKUMAR.R															
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7	420319105303	KARTHIGA R															
8	420319105303	SUGANTHI P															
9	420319105303	RANJANI S															
10	420319105303	ELAVARASAN A															

A.R.ENGINEERING COLLEGE
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KAPPIYAMPULLIYUR POST
VILLUPURAM-605 601.

11	420319105303	MURALIDAS M														
12	420319105303	SUGANRAJ S														
13	420319105303	BHUVANESWARI .K														

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			27.4.2021	28.4.2021	29.4.2021	30.4.2021	17.5.2021	18.5.2021	19.5.2021	20.5.2021	21.5.2021	22.5.2021	24.5.2021	25.5.2021	26.5.2021	27.5.2021	28.5.2021
1	420318105001	DHARANEESHKUMAR.R															
2	420318105002	GAYATHRI M															
3	420319105301	BALAKRISHNAN V															
4	420319105302	KRISHNARAJ R															
5	420319105303	LASARVIJAY B															
6	420319105303	SRIDEVI.S															
7	420319105303	KARTHIGA R															
8	420319105303	SUGANTHI P															

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9	420319105303	RANJANI S	
10	420319105303	ELAVARASAN A	
11	420319105303	MURALIDAS M	
12	420319105303	SUGANRAJ S	
13	420319105303	BHUVANESWARI .K	

COURSE CO-ORDINATOR

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF EEE

CERTIFICATE COURSE ON BASICELECTRICAL AND ELECTRONIC COMPONENTS

STUDENT ASSESMENT MARK LIST:[I,II,III] **Date:09.04.2021 to 28.05.2021**

SL.NO:	REG.NO:	NAME	YEAR	MARKS
1	420318105001	DHARANEESHKUMAR.R	III	82
2	420318105002	GAYATHRI M	III	95
3	420319105301	BALAKRISHNAN V	II	75
4	420319105302	KRISHNARAJ R	II	96
5	420319105303	LASARVIJAY B	II	88
6	420319105303	SRIDEVI.S	I	99
7	420319105303	KARTHIGA R	I	82
8	420319105303	SUGANTHI P	I	87
9	420319105303	RANJANI S	I	62
10	420319105303	ELAVARASAN A	I	65
11	420319105303	MURALIDAS M	I	78
12	420319105303	SUGANRAJ S	I	85
13	420319105303	BHUVANESWARI .K	I	65

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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ONE PAGE REPORT

Department:	EEE
Type of Event:	Certificate course
Event Title:	**Basic Electrical and Electronics Components**
Date:	09.4.2021 to 28.05.2021/ONLINE
Venue :	AREC
Organizer:	AREC–EEE
Coordinator:	Mr.S.Udhayakumar
Resource person:	Mr.A.Chandrasekaran
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• BEEC course conducted from 09.4.2021 to 28.05.2021.Total Duration of the course was 30Hrs .Total13 students have attended the course • The Resource person Mr.A.Chandrasekaran have covered the above topic completely.Students really enjoyed the session and learnt a lot.Now 13 students will be able to apply the concepts in advanced applications and organizers.

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This is to certify that Mr./Ms .....GAYATHRI.M.....has participated in the 30 days Certificate course on "Basic Electrical and Electronics components"organized by the Department of EEE, A R Engineering college , held on 09.04.2021 TO 28.05.2021

HOD

PRINCIPAL

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KAPPIYAMPULIYUR P.O.
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DEPARTMENT OF SCIENCE AND HUMANITIES

PERMISSION LETTER

From

The Hod
Department of S&H
AR Engineering college
Kappiyampuliyur

TO

The principal
AR Engineering college
Kappiyampuliyur

SUB:Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct Value added course on"Certificate Program-DEEP LEARNING" on 09.4.2021 to 29.05.2021.we request you to grant permission for the same.

Name of the Course : Certificate Program-DEEP LEARNING

Course Co-ordinator : Ms.E.Ranjani
Assistant professor Department of S&H
AR Engineering College
kappiyampuliyur

Thanking you

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Your's sincerely

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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DEPARTMENT OF SCIENCE AND HUMANITIES

CIRCULAR

SUB: Certificate Programme for Deep Learning

It is planned to conduct the add-on course for the I-year Information Technology students.The add-on courses are the certification course that is designed and offered by our department for the benefit of the students. Add-on courses will be conducted free of cost and the willingness of students. Students who are willing to attend the below mentioned course can students enroll their names to the course co-ordinator.

COURSE DETAILS:

Course title	Certificate Program-DEEPLEARNING
Course code	VACS&H106
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Schedule	09.4.2021 to 29.05.2021
Timing	5 pm to 6 pm
Course Co-Ordinator	Ms.E.Ranjani
Resource person	Dr.R.ELILARASI
Certificate	Yes

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE on Deep Learning"

Department of S&H

09.4.2021 to 29.05.2021

Time:5 PM TO 6 PM

Co-ordinator:

Ms.E.Ranjani

AP/Department of S&H

Resource Person:

Dr.R.Ellarasi

HOD/Department of S&H

Organized by

DEPARTMENT OF S&H

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601
Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Introduction to Deep Learing, Bayesian Learning, Decision Surfaces,
- Linear Classifiers, Linear Machines with Hinge Loss,
- Introduction to Neural Network, Multilayer Perceptron, Back Propagation Learning,
- Unsupervised Learning with Deep Network, Auto encoders

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE

ON Deep Learning

09.4.2021 to 29.05.2021

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant

Date:

Place:

Registrationlink:

Registration Date

For more information contact

Course coordinator,9159166467

A.R ENGINEERING COLLEGE VILLUPURAM

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DEPARTMENT OF SCIENCE AND HUMANITIES

VALUE ADDED COURSE ON DEEP LEARNING

Date:09.04.2021 to 29.05.2021

SL.NO	TOPICS	DATE	HOUR
1	Introduction to Deep Learning.Bayesian Learning. Decision Surfaces	9.4.2021 10.4.2021 12.4.2021 13.4.2021 14.4.2021 16.4.2021 16.4.2021 17.4.2021 19.4.2021 20.4.2021	10 hrs
2	Linear Classifiers. Linear Machines with Hinge Loss Optimization Techniques.Gradient Descent.BatchOptimization		
3	Introduction to Neural Network. Multilayer Perceptron. Back Propagation Learning		
4	Introduction to Deep Learning. Bayesian Learning. Decision Surfaces.		
5	Convolutional Neural Network. Building blocks of CNN.Transfer Learning		
6	Introduction to Neural Network. Multilayer Perceptron.Back Propagation Learning	21.4.2021 22.4.2021 23.4.2021 24.4.2021 26.4.2021 27.4.2021 28.4.2021 29.4.2021 30.4.2021 1.5.2021	10 hrs
7	Unsupervised Learning with Deep Network. Auto encoders.		
8	Convolutional Neural Network. Building blocks of CNN.Transfer Learning		
9	Introduction to Deep Learning. Bayesian Learning. Decision Surfaces. LSTM Networks		
10	Generative Modelling with DL.Variational Auto encoder. Generative Adversarial Network Revisiting Gradient Descent. Momentum Optimizer. RMSProp. Adam		
11	Classical Supervised Tasks with Deep Learning. Image Denoising. Semantical Segmentation. Object Detection etc.		
12	Linear Classifiers. Linear Machines with Hinge Loss	18.05.2021 19.05.2021 20.05.2021 21.05.2021 22.05.2021 24.05.2021 25.05.2021 26.05.2021 27.05.2021 28.05.2021 29.05.2021	10 hrs
13	Introduction to Neural Network. Multilayer Perceptron. Back Propagation Learning		
14	Unsupervised Learning with Deep Network. Auto encoders.		

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15	Introduction to Deep Learing, Bayesian Learning,Decision Surfaces.		
16	Linear Classifiers, Linear Machines with Hinge Loss.		
17	Introduction to Neural Network, Multi layer Perceptron, Back Propagation Learning.		
18	Unsupervised Learning with Deep Network, Auto encoders.		
		TOTAL	31 hrs

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DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE PROGRAMME ON DEEP LEARNING

STUDENTS NAME LIST:[I-Year] **DATE: 09.04.2021 to 28.05.2021**

Sl.no:	Name	Year	SIGNATURE
1	ANITHA.T	I	
2	BHUVANESHWARI.A	I	
3	DEEPIKA S	I	
4	DESIYA.E	I	
5	DEVI R	I	
6	JANANI.R	I	
7	KIRUTHIKA N	I	
8	MAYILI A	I	
9	NARMATHA.S	I	
10	NAVEEN.R	I	
11	PRAKASH.M	I	
12	SELVI R	I	
13	STEEPEN JERO	I	
14	SUGUMAR.S	I	
15	SURENDAR.G	I	
16	ABINASH H	I	

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

17	ELANGO S	I	
18	NISHANTH S	I	
19	PHILOMIN DASS G	I	
20	RAJADURAI K	I	
21	ROHITH A	I	
22	SANJAI K	I	
23	SURENDIRAN S	I	
24	UDHAYASURYA S	I	
25	VEERAPPAN T	I	
26	CHANDRU.S	I	
27	RAGHUL R	I	
28	SRIDEVI.S	I	
29	KARTHIGA R	I	
30	SUGANTHI P	I	
31	RANJANI S	I	
32	ELAVARASAN A	I	
33	MURALIDAS M	I	
34	SUGANRAJ S	I	
35	BHUVANESWARI .K	I	
36	GOMATHI P	I	

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Dr.R.PARTHASARATHY M.E., Ph.D.,
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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

37	GURUNATHAN R	I	Gurunathan.R
38	SHARMILA A	I	Sharmila.A
39	ISWARYA M	I	Iswarya.M
40	SNEKHA T	I	SNEKHA.T

COURSE CO-ORDINATOR

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF SCIENCE AND HUMANITIES

CERTIFICATE PROGRAMME ON DEEP LEARNING

STUDENTS ASSESMENT MARK LIST:[I-Year] **DATE: 09.04.2021 to 28.05.2021**

Sl.no:	Name	Year	MARKS
1	ANITHA.T	I	86
2	BHUVANESHWARI.A	I	75
3	DEEPIKA S	I	98
4	DESIYA.E	I	85
5	DEVI R	I	75
6	JANANI.R	I	85
7	KIRUTHIKA N	I	90
8	MAYILI A	I	77
9	NARMATHA.S	I	80
10	NAVEEN.R	I	72
11	PRAKASH.M	I	98
12	SELVI R	I	67
13	STEEPEN JERO	I	95
14	SUGUMAR.S	I	65
15	SURENDAR.G	I	82
16	ABINASH H	I	74
17	ELANGO S	I	80

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18	NISHANTH S	I	65
19	PHILOMIN DASS G	I	72
20	RAJADURAI K	I	88
21	ROHITH A	I	96
22	SANJAI K	I	68
23	SURENDIRAN S	I	85
24	UDHAYASURYA S	I	66
25	VEERAPPAN T	I	95
26	CHANDRU.S	I	68
27	RAGHUL R	I	78
28	SRIDEVI.S	I	98
29	KARTHIGA R	I	82
30	SUGANTHI P	I	68
31	RANJANI S	I	95
32	ELAVARASAN A	I	85
33	MURALIDAS M	I	64
34	SUGANRAJ S	I	75
35	BHUVANESWARI .K	I	69
36	GOMATHI P	I	85
37	GURUNATHAN R	I	98

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

38	SHARMILA A	I	65
39	ISWARYA M	I	95
40	SNEKHA T	I	63

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ONE PAGE-REPORT

Department:	S&H
Type of Event:	Certificate course
Event Title:	Deep Learning
Date & Time:	09.4.2021 to 29.05.2021(5 PM TO 6 PM)
Venue :	AREC
Organizer:	AREC–S&H
Coordinator:	Ms.E.Ranjani
Resource person	Dr.R.Elilarasi
Details of Participants:	Students and faculty members of AREC
Write-up on Event	The value added course started with 40 participants on 09.4.2021 to 29.05.2021 5 PM with welcome Address and introduction by the co-ordinator **Ms.E.Ranjani,AP/CSE,AREC.** • Resource person Dr.R.ELILARASIHOD of CSE has cover the basic of the **Deep learning** and they demonstrated each and every concept. • The students will get handson experience in working with **Deep learning** Students really enjoyed the session and learnt a lot. Now **40 students** will be able to apply the concept and its application.

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This is to certify that Mr./Ms ..... SHARMILA.A. .....has participated in the 31 days Certificate course on "Deep Learning"organized by the Department of EEE, A R Engineering college , held on 09.04.2021 TO 29.05.2021

HOD

PRINCIPAL

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ACADEMIC YEAR

2019 - 2020

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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ACADEMIC YEAR (2019-2020)

l.	Name of Add on /Certificate programs offered	Course code	Department	Year of offering	No of times offered during the same year	Date and year	Duration of course	No of students enrolled	No of student comple ing th course in the year
1	Value-added course on undamental of Building Orientation & Green	VACIVIL101	CIVIL	IV	1	11.07.2019 TO 26.08.2019	30	13	13
2	Value-added course on Sustainable Transportation Systems	VACIVIL102	CIVIL	II,III	1	11.07.2019 TO 24.08.2019	30	24	24
3	Certificate course on Refrigiration and air conditioning	VACEEE 103	EEE	III	1	11.07.2019 TO 24.08.2019	30	20	20
4	Certificate program on Industrial safety	VACEE 104	EEE	IV	1	21.01.2020 TO 01.03.2020	30	10	10
5	Value added course on robotics	VACCSE 105	CSE	I,II	1	21.01.2020 TO 01.03.2020	30	18	18
6	Value added course on modern sensor technology	VACECE106	ECE	II,III	1	21.01.2020 TO 01.03.2020	30	17	17
7	Value added course on electric vehicle	VACMECH107	MECH	II	1	21.01.2020 TO 02.03.2020	31	49	49

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DEPARTMENT OF CIVIL

PERMISSION LETTER

FROM **Date:05.07.2019**

The HOD
Departmentof Civil
AR Engineering college
Kappiyampuliyur.

TO

The principal

AR Engineering college
Kappiyampuliyur.

SUB :Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "**Value-added course on Fundamental of Building Orientation & Green**" on 11.07.2019 to 26.08.2019. We request you to grant permission for the same.

Name of the Course: Fundamental of Building Orientation &Green

Course-Coordinator : Ms.K.Pavithra

Assistant professor/Department of Civil

AR Engineering College

Kappiyampuliyur.

Thanking you

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Your's sincierly

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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DEPARTMENT OF CIVIL

CIRCULAR

Date:08.07.2019

The department of Civil Engineering has planned to conduct a value added course on "**Fundamental of Building Orientation & Green**" for civil students from 11.07.2019 to 26.08.2019.All the IV year students are asked to attend the course.

COURSE DETAILS:

Course title	Value added course on fundamental of building orientation &green
Course code	VACIVIL101
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Schedule	11.07.2019 to 26.08.2019
Timing	05PM TO 6PM
Course Co-Ordinator	Ms.K.Pavithra
Resource person	Mr.B.Anandhakumar
Certificate	Yes

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PRINCIPAL

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A.R ENGINEERING COLLEGE
"VALUE ADDED COURSE on FUNDAMENTAL OF BUILDING ORIENTATION &GREEN"
Department of CIVIL
11.07.2019 to 26.08.2019
Time:05.00 pm to06 .00 Pm

Co-ordinator:
Ms.K.Pavithra
AP/Department of CIVIL

Resource Person:
Mr.B.Anandhakumar
HOD/Department ofCIVIL

Organized by
DEPARTMENT OF CIVIL
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registration fee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION
E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- To reduce the overall impact of The built environment on human and the natural environment by efficiency using energy,water and other.

A.R ENGINEERING COLLEGE
VALUE ADDED COURSE
ON FUNDAMENTAL OF BUILDING ORIENTATION & GREEN
11.07.2019 to 26.08.2019
Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.course...signin

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON FUNDAMENTAL OF BUILDING ORIENTATION & GREEN

DATE: 11.07.2019 to 26.08.2019 **TOTAL Hours:31hrs**

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOURS
1	Fundamentals of layout design and orientation	11.07.2019	1hr
2	Process of design	12.07.2019	1hr
3	Internallay out & circulation	13.07.2019	1hr
4	Orientation of building	15.07.2019/16.07.2019	2hr
5	Housing and semi public buildings	17.07.2019/18.07.2019	2hr
6	Housing	19.07.2019	1hr
7	Infrastructure required for large scale housing	20.07.2019	1hr
8	Development of a residential unit	22.07.2019/23.07.2019	2hr
9	Development of a layout	24.07.2019	1hr
10	Buildings for semi public use	25.07.2019	1hr
11	Public buildings	26.07.2019	1hr
12	Types of public buildings	27.07.2019	1hr
13	Land scaping	05.08.2019	1hr
14	Green building	06.08.2019	1hr
15	Introduction	07.08.2019	1hr
16	Green building: Global and local perspective	08.08.2019	1hr
17	Green building	07.08.2019	1hr
18	Benefits from green building	09.08.2019	1hr
19	Cost of going green	10.08.2019	1hr
20	Strategies for green building	13.08.2019	1hr
21	The Indian scene	14.08.2019	1hr
22	Public buildings	16.08.2019	1hr
23	Types of public buildings	17.08.2019	1hr
24	Land scaping	19.08.2019	1hr
25	Green building	20.08.2019	1hr
26	Introduction	21.08.2019	1hr
27	Green building:Global and local perspective	22.08.2019	1hr
29	Benefits from green building	24.08.2019	1hr
30	Cost of going green/ Strategies for green building	26.08.2019	1hr
		TOTAL	31 hrs

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF CIVIL

FUNDAMENTAL OF BUILDING ORIENTATION & GREEN

STUDENTS NAME LIST IV- YEAR: **DATE:11.07.2019 TO 26.8.2019**

Sl.No.	REG NO	NAME OF THE STUDENT	SIGNATURE
1	420316103005	NAVEEN KRISHNA K G	
2	420316103006	POOVARASAN A	
3	420316103007	RAJIVGANDHI R	
4	420316103008	RAMKI R	
5	420316103010	SANTHOSH KUMAR P	
6	420316103011	SARANYA R	
7	420316103013	VEERAMANI KANDAN M	
8	420316103014	VIDHYABARATHY R	
9	420316103015	VIGNESH R	
10	420316103016		

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10		VINODHA R	R. VINODHA.
11	420316103301	ILAMPARITHI K	Ilamparithi. K.
12	420316103302	KALAIYARASAN M	M. Kalaiyarasan.
13	420316103303	SAKTHI S	Sakthi. S.

COURSE CO-ORDINATOR

HOD

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DEPARTMENT OF CIVIL

FUNDAMENTAL OF BUILDING ORIENTATION & GREEN

ATTENDENCE SHEET FOR IV- YEAR: **DATE:11.7.2019 to 26.8.2019**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			11.7. 2019	12.7. 2019	13.7. 2019	15.7. 2019	16.7. 2019	17.7.2 019	18.7. 2019	19.7. 2019	20.7. 2019	22.7. 2019	23.7. 2019	24.7. 2019	25.7. 2019	26.7. 2019	27.7. 2019
1	420316103005	NAVEEN KRISHNA KG															
2	420316103006	POOVARASAN A															
3	420316103007	RAJIVGANDHI R															
4	420316103008	RAMKI R															
5	420316103010	SANTHOSHKUMAR P															
6	420316103011	SARANYA R															
7	420316103013	VEERAMANI KANDAN M															
8	420316103014	VIDHYABARATHY R															
9	420316103015	VIGNESH R															

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10	420316103016	VINODHA R														
11	420316103301	ILAMPARITHI K														
12	420316103302	KALAIYARASAN M														
13	420316103303	SAKTHI S														

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			5.8.2019	6.8.2019	7.8.2019	8.8.2019	9.8.2019	10.8.2019	13.8.2019	14.8.2019	16.8.2019	17.8.2019	19.8.2019	20.8.2019	21.8.2019	22.8.2019	24.8.2019
1	420316103005	NAVEEN KRISHNA KG															
2	420316103006	POOVARASAN A															
3	420316103007	RAJIVGANDHI R															
4	420316103008	RAMKI R															
5	420316103010	SANTHOSHKUMAR P															
6	420316103011	SARANYA R															
7	420316103013	VEERAMANI KANDAN M															

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8	420316103014	VIDHYABARATHY R															
9	420316103015	VIGNESH R															
10	420316103016	VINODHA R															
11	420316103301	ILAMPARITHI K															
12	420316103302	KALAIYARASAN M															
13	420316103303	SAKTHI S															

COURSE CO-ORDINATOR

HOD

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DEPARTMENT OF CIVIL FUNDAMENTAL OF BUILDING ORIENTATION & GREEN

STUDENTS ASSESMENT MARK LIST IV- YEAR: **DATE:11.07.2019 TO 26.8.2019**

Sl.No.	REG NO	NAME OF THE STUDENT	MARKS
1	420316103005	NAVEEN KRISHNA K G	87
2	420316103006	POOVARASAN A	64
3	420316103007	RAJIVGANDHI R	86
4	420316103008	RAMKI R	87
5	420316103010	SANTHOSH KUMAR P	90
6	420316103011	SARANYA R	86
7	420316103013	VEERAMANI KANDAN M	88
8	420316103014	VIDHYABARATHY R	66
9	420316103015	VIGNESH R	79
10	420316103016	VINODHA R	86

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11	420316103301	ILAMPARITHI K	57
12	420316103302	KALAIYARASAN M	78
13	420316103303	SAKTHI S	88

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DEPARTMENT OF CIVIL FUNDAMENTAL

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STUDENTS ASSESMENT MARK LIST IV- YEAR: **DATE:11.07.2019 TO 26.8.2019**

Sl.No.	REG NO	NAME OF THE STUDENT	MARKS
1	420316103005	NAVEEN KRISHNA K G	77
2	420316103006	POOVARASAN A	55
3	420316103007	RAJIVGANDHI R	88
4	420316103008	RAMKI R	67
5	420316103010	SANTHOSH KUMAR P	80
6	420316103011	SARANYA R	75
7	420316103013	VEERAMANI KANDAN M	89
8	420316103014	VIDHYABARATHY R	65
9	420316103015	VIGNESH R	70
10	420316103016	VINODHA R	87

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11	420316103301	ILAMPARITHI K	50
12	420316103302	KALAIYARASAN M	76
13	420316103303	SAKTHI S	80

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ONE PAGE REPORT

Department:	CIVIL
Type of Event:	Value Added Course Fundamental of Building Orientation &Green
Event Title:	Fundamental of Building Orientation &Green
Date & Time:	11.07.2019 to 26.08.2019(05.00pm to 06.00p m)
Venue :	AREC
Organizer:	AREC–CIVIL
Coordinator:	Ms.K.Pavithra
Resourceperson	Mr.B.Anandhakumar
Details of Participants:	Students and faculty members of AREC
Wrap-up on Event	• The value added course started with 13 participants on 11.07.2019 to 26.08.2019 with welcome address and introduction by the co-ordinator **Ms.K.Pavithra AP/CIVIL,AREC.** • Resource person **Mr.B.AnandhakumarHOD of CIVIL**has cover the basic of the Value Added Course Fundamental of Building Orientation &Green and they demonstrated each and every concept. • The students will get handson experience in working with Fundamental of Building Orientation &Green. Students really enjoyed the session and learnt a lot. Now **13students** will be able to apply the concept and its application. • **MR.K.Elayaraja, AP/CIVIL,AREC,**proposed the vote of thanks to the participants and organizers.

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This is to certify that Mr./Ms .....RAMKI.R.....has participated in the 30 days Value added course on "fundamentals of Building orientation and green"organized by the Department of CIVIL, A R Engineering college , held on 11.07.2019 TO 26.08.2019

HOD

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DEPARTMENT OF CIVIL

PERMISSION LETTER

Date: 05.07.2019

FROM

The HOD
Department Of Civil
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct Value-added course on"**Sustainable Transportation Systems**" on 11.07.2019 to 24.08.2019. We requestyou to grant permission for the same.

Name of the Course: Sustainable Transportation Systems

Course-Coordinator : Ms.S.Suganya
Assistant professor/Department of Civil
AR Engineering College
Kappiyampuliyur.

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Thanking you

Your's sincierly

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DEPARTMENT OF CIVIL

CIRCULAR

Date:08.07.2019

The department of Civil Engineering has planned to conduct a value added course on "Sustainable Transportation Systems"for civil students from 11.07.2019 to 24.08.2019.All the II&III year students are asked to attend the course.

COURSE DETAILS:

Course title	Value added course on sustainable transportation systems
Course code	VACIVIL102
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	11.07.2019 to 24.08.2019
Timing	05.00pm to 06.00pm
Course Co-Ordinator	Ms.S.Suganya
Resource person	Mr.R.Silambarasan
Certificate	Yes

HOD

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON SUSTAINABLE TRANSPORTATION SYSTEMS

Department ofCivil

11.07.2019 to 24.08.2019

Time:05.00 pm to 06.00 Pm

Co-ordinator:

Ms.S.Suganya

AP/Department of CIVIL

Resource Person:

Mr.R.SilambarasanHOD/Department of CIVIL

VRS College of engineering

Organized by

DEPARTMENT OF CIVIL

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601

ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- To balance our economic environment and social needs,allowing prosperity for now and future generations



A.R ENGINEERING COLLEGE

VALUE ADDED COURSE

SUSTAINABLE TRANSPORTATION SYSTEMS

11.07.2019 to 24.08.2019

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://forms.gle/...

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON SUSTAINABLE TRANSPORTATION SYSTEMS

DATE: 11.07.2019 to 24.08.2019 **TOTAL Hours:** 30hrs

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOURS
1	An increasing momentum for action	11.07.2019	1hr
2	Attaining the sdgs 6 through sustainable transport	12.07.2019	1hr
3	Climate change 8 mitigation and adaptation	13.07.2019	1hr
4	A diversity of 11 stakeholders and initiatives	15.07.2019/16.07.2019	2hr
5	Sustainable transport:	17.07.2019/18.07.2019	2hr
6	Progress and challenges	19.07.2019	1hr
7	Status update – the 14 sdgs, climate change, and the covid-19 pandemic	20.07.2019	1hr
8	Challenges to 23 achieving sustainable transport – a forward-looking analysis	22.07.2019/23.07.2019	2hr
9	Countries in 30 special situations	24.07.2019/25.07.2019	2hr
10	Regional development 36	26.07.2019/27.07.2019	2hr
11	Leaving no one behind 37	05.08.2019/06.08.2019	2hr
12	Realizing sustainable transport solutions for all	07.08.2019/08.08.2019	2hr
13	Identifying 41 transformative pathways	09.08.2019/10.08.2019	2hr
14	applying science, technology, and innovation	13.08.2019/14.08.2019	2hr
15	strengthening governance	16.08.2019/17.08.2019	2hr
16	improving financing	19.08.2019/20.08.2019	2hr
17	directing capacity- 66 building, technology cooperation and data	21.08.2019/22.08.2019	2hr
18	Changing through 68 individual and collective behaviour way forward	24.08.2019	1hr
		TOTAL	30 hrs

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DEPARTMENT OF CIVIL

SUSTAINABLE TRANSPORTATION SYSTEMS

STUDENTS NAME LIST:[II&III-YEAR] **DATE:11.7.2019 to 24.8.2019**

Sl. No.	REG NO	NAME OF THE STUDENT	SIGNATURE
1	420317103001	BALAGI C	
2	420317103005	JAYANTHI K	
3	420317103006	MOHANA RAJAN M	
4	420317103008	PRAVEEN KRISHNA D	
5	420317103010	SASIKUMAR K	
6	420317103012	SIVARANJANI R	
7	420317103013	SRIRANJANI R	
8	420317103014	VASANTHA KUMARI N	
9	420317103015	VIJAYA KUMAR S	
10	420317103301	SAKTHIVEL A	
11	420317103302	VIGNESH K	
12	420316103005	NAVEEN KRISHNA K G	
13	420316103006	POOVARASAN A	
14	420316103007	RAJIVGANDHI R	

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15	420316103008	RAMKI R	Ramki.R.
16	420316103010	SANTHOSH KUMAR P	Santhkum.P
17	420316103011	SARANYA R	Saranya.R
18	420316103013	VEERAMANI KANDAN M	Veerk.M
19	420316103014	VIDHYABARATHY R	Vidhyabarthy.R.
20	420316103015	VIGNESH R	Vignesh.R
21	420316103016	VINODHA R	Vinodha.R
22	420316103301	ILAMPARITHI K	Ilamthi K.
23	420316103302	KALAIYARASAN M	Kalaisan.M.
24	420316103303	SAKTHI S	Sakthi.S.

COURSE CO-ORDINATOR

HOD

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DEPARTMENT OF CIVIL

SUSTAINABLE TRANSPORTATION SYSTEMS

ATTENDENCE SHEET:[II&III-YEAR] **DATE:11.7.2019 to 24.8.2019**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			11.7.2019	12.7.2019	13.7.2019	15.7.2019	16.7.2019	17.7.2019	18.7.2019	19.7.2019	20.7.2019	22.7.2019	23.7.2019	24.7.2019	25.7.2019	26.7.2019	27.7.2019
1	420317103001	BALAGI C															
2	420317103005	JAYANTHI K															
3	420317103006	MOHANA RAJAN M															
4	420317103008	PRAVEEN KRISHNA D															
5	420317103010	SASIKUMAR K															
6	420317103012	SIVARANJANI R															
7	420317103013	SRIRANJANI R															
8	420317103014	VASANTHA KUMARI N															
9	420317103015	VIJAYA KUMAR S															

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10	420317103301	SAKTHIVEL A	
11	420317103302	VIGNESH K	
12	420316103005	NAVEEN KRISHNA K G	
13	420316103006	POOVARASAN A	
14	420316103007	RAJIVGANDHI R	
15	420316103008	RAMKI R	
16	420316103010	SANTHOSH KUMAR P	
17	420316103011	SARANYA R	
18	420316103013	VEERAMANI KANDAN M	
19	420316103014	VIDHYABARATHY R	
20	420316103015	VIGNESH R	
21	420316103016	VINODHA R	
22	420316103301	ILAMPARITHI K	
23	420316103302	KALAIYARASAN M	
24	420316103303	SAKTHI S	

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			5.8.2019	6.8.2019	7.8.2019	8.8.2019	9.8.2019	10.8.2019	13.8.2019	14.8.2019	16.8.2019	17.8.2019	19.8.2019	20.8.2019	21.8.2019	22.8.2019	24.8.2019
1	420317103001	BALAGI C															
2	420317103005	JAYANTHI K															
3	420317103006	MOHANA RAJAN M															
4	420317103008	PRAVEEN KRISHNA D															
5	420317103010	SASIKUMAR K															
6	420317103012	SIVARANJANI R															
7	420317103013	SRIRANJANI R															
8	420317103014	VASANTHA KUMARI N															
9	420317103015	VIJAYA KUMAR S															
10	420317103301	SAKTHIVEL A															
11	420317103302	VIGNESH K															
12	420316103005	NAVEEN KRISHNA K G															
13	420316103006	ROOVARASAN A															

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605601

14	420316103007	RAJIVGANDHI R														
15	420316103008	RAMKI R														
16	420316103010	SANTHOSH KUMAR P														
17	420316103011	SARANYA R														
18	420316103013	VEERAMANI KANDAN M														
19	420316103014	VIDHYABARATHY R														
20	420316103015	VIGNESH R														
21	420316103016	VINODHA R														
22	420316103301	ILAMPARITHI K														
23	420316103302	KALAIYARASAN M														
24	420316103303	SAKTHI S														

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DEPARTMENT OF CIVIL

SUSTAINABLE TRANSPORTATION SYSTEMS

STUDENTS ASSESMENT MARK LIST:[II&III-YEAR] DATE:11.7.2019 to 24.8.2019

Sl. No.	REG NO	NAME OF THE STUDENT	MARKS
1	420317103001	BALAGI C	A+
2	420317103005	JAYANTHI K	O
3	420317103006	MOHANA RAJAN M	B+
4	420317103008	PRAVEEN KRISHNA D	A
5	420317103010	SASIKUMAR K	A
6	420317103012	SIVARANJANI R	B+
7	420317103013	SRIRANJANI R	A
8	420317103014	VASANTHA KUMARI N	A
9	420317103015	VIJAYA KUMAR S	A+
10	420317103301	SAKTHIVEL A	A+
11	420317103302	VIGNESH K	A
12	420316103005	NAVEEN KRISHNA K G	A
13	420316103006	POOVARASAN A	B+
14	420316103007	RAJIVGANDHI R	A

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15	420316103008	RAMKI R	A+
16	420316103010	SANTHOSH KUMAR P	A+
17	420316103011	SARANYA R	B+
18	420316103013	VEERAMANI KANDAN M	A
19	420316103014	VIDHYABARATHY R	A+
20	420316103015	VIGNESH R	A+
21	420316103016	VINODHA R	A+
22	420316103301	ILAMPARITHI K	A+
23	420316103302	KALAIYARASAN M	A
24	420316103303	SAKTHI S	O

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ONE PAGE REPORT

Department:	CIVIL
Type of Event:	Value added course
Event Title:	Sustainable Transportation Systems
Date & Time:	11.07.2019 to 24.08.2019(05.00pm to 06.00pm)
Venue :	AREC
Organizer:	AREC–CIVIL
Coordinator:	Ms.S.Suganya
Resource person:	Mr.R.Silambarasan
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 24 participants on 11.07.2019 to 24.08.2019 at 05.00 pm with welcome address and introduction by the co-ordinator**Ms.S.Suganya,AP/Civil,AREC.** • Resource person **Mr.R.Silambarasan HOD DEPARTMENT OF CIVIL VRS College of engineering** has cover the basic of the **Sustainable Transportation Systems** and they demonstrated each and every concept. • The students will get hands-on experience in working with Sustainable Transportation Systems Students really enjoyed the session and learnt a lot. Now **24students** will be able to apply the concept and its application. • **Mr.D.Thulabamani, AP/Civil,AREC,**proposed the vote of thanks to the participants and organizers.

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This is to certify that Mr./Ms .....BALAGI.C.....has participated in the 30 days Value added course on "Sustainable transportation system"organized by the Department of CIVIL, A R Engineering college , held on 11.07.2019 TO 24.08.2019

HOD

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DEPARTMENT OF EEE

PERMISSION LETTER

Date:05.7.2019

FROM

The HOD
Department of EEE
AR Engineering college
Kappiyampuliyur.

TO

The principal

AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "certificate course on refrigiration and air conditioning" on 11.07.2019 to 24.08.2019.We request you to grant permission for the same.

Name of the Course: "certificate course on refrigiration and air conditioning"

Course-Coordinator : Mr.P.Karthik

Assistant professor/Department of EEE

AR Engineering College

Kappiyampuliyur.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Thanking you

Yours sincerely

Dr.R.PANNEERDHASS,M.E.,PH.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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DEPARTMENT OF EEE

CIRCULAR

Date:.08.07.2019

The Department of Electrical and Electronic Engineering has planned to conduct a Course title "certificate course on refrigiration and air conditioning"for EEE students from.All the III year students are asked to attend the course.

COURSE DETAILS:

COURSE TITLE	Certificate course on refrigiration and air conditioning
Course code	VACEEE103
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Schedule	11.07.2019 to 24.08.2019
Timing	05.00pm to 06.00 pm
Course Co-Ordinator	Mr.P.Karthik
Resource person	Mr.G.Gnanavel
Certificate	Yes

HOD

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE
on
BASIC OF THE REFRIGERATION AND AIR CONDITIONING"
Department of EEE
11.07.2019 to 24.08.2019
Time:05.00 pm to 6.00 Pm

Co-ordinator:
Mr.P.Karthik
AP/Department of EEE

Resource Person:
Mr.G.GnanavelHOD/Department of EEE

Organized by
DEPARTMENT OF CIVIL
A.R ENGINEERING COLLEGE
Kappiyampuliyur,
Villupuram 605 601



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ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- To understand the concept of refrigeration
- To acquire knowledge of methods of refrigeration
- To acquire knowledge of air refrigeration system
- To acquire knowledge of refrigerants.

A.R ENGINEERING COLLEGE

Value added course on Basic of the refrigeration and air conditioning

11.07.2019 to 24.08.2019 at

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://forms.gle/[illegible]

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF EEE

VALUE ADDED COURSE on

BASIC OF THE REFRIGIRATION AND AIR CONDITIONING

DATE: 11.07.2019 to 24.08.2019 TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOURS
1	Introduction – Brief history and applications of refrigeration.	11.7.2019/12.7.2019	2 hrs
2	Thermodynamics of refrigeration - reversed Carnot cycle - heat pump and refrigeration machines, Limitations of reversed Carnot cycle. Unit of refrigeration.	13.7.2019/15.7.2019/ 16.7.2019/17.7.2019	4hrs
3	Air refrigeration systems - Reversed Joule cycle, Air craft refrigeration systems, simple bootstrap - Regenerative and reduced ambient system.	18.7.2019/19.7.2019 20.7.2019/22.7.2019/ 23.7.2019	5 hrs
4	Vortex tube refrigeration - Very low temperature refrigeration systems (concept only). Adiabatic demagnetization of paramagnetic salts.	24.7.2019/25.7.2019 /26.7.2019	3 hrs
5	Vapour compression systems-simple cycle - representation on T-S and P-H Diagrams. COP - Effect of operating parameters on COP – methods of improving COP of simple cyclesuper heating, under cooling, Liquid suction heat exchanger, actual cycle.	27.7.2019/5.8.2019 19.7.2019/6.8.2019 7.8.2019	5 hrs
6	Multi pressure systems - multi compression and multi evaporator systems. Inter cooling - flash inter cooling and flash gas removal.	8.8.2019/9.8.2019/ 10.7.2019	3 hrs

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	Different combinations of evaporator and compressor for different applications. Cascade system.		
7	Refrigerants and their properties-Eco-friendly Refrigerants, mixed refrigerants, selection of refrigerants for different applications.	13.8.2019/14.8.2019/ 16.8.2019	3 hrs
8	Vapour absorption systems - Ammonia – water system - simple system- drawbacks- Lithium Bromide water system- Electrolux- comparison with vapour compression system- steam jet refrigeration.	17.8.2019/19.8.2019/ 20.8.2019	3 hrs
15	Refrigerants and their properties-Eco-friendly Refrigerants, mixed refrigerants, selection of refrigerants for different applications.	21.8.2019	1 hrs
16	Vapour absorption systems - Ammonia – water system - simple system- drawbacks- Lithium Bromide water system- Electrolux- comparison with vapour compression system- steam jet refrigeration.	22.8.2019/24.8.2019	2 hrs
		TOTAL	30 hrs

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DEPARTMENT OF EEE

CERTIFICATE COURSE ON REFRIGIRATION AND AIR CONDITIONING

STUDENTS NAME LIST :[III-YEAR] **Date: 11.7.2019 to 24.8.2019**

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	42031710500	AMALA K	Amala. K
2	42031710500	BHARATHIRAJA R	Bharathiraja R.
3	42031710500	HARIRAJ R	HariRaj R.
4	42031710500	JAYASRI D	Jayasri. D
5	42031710500	JEEVA PRIYA K	Jeeva Priya.K.
6	420317105007	MAHALAKSHMI S	Mahalakshmi S.
7	42031710500	RAJALAKSHMI T	Rajalakshmi T
8	42031710500	RAJESH R	Rajesh.R
9	42031710501	RAVIKUMAR R	Ravikumar R
10	42031710501	SANTHOSH J	Santhosh J
11	42031710501	SARAVANAN K	K. Saravanan
12	42031710501	SARAVANAN M	Saravanan M
13	42031710501	SIVARAMAN C	Sivaraman
14	42031710501	SUDHIR K	Sudhir K.
15	42031710501	SURESHKUMAR K	Sureshkumar. K

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16	42031710501	VASANTHKUMAR V	Vasanthkumar.V
17	42031710501	VIJAYALAKSHMI M	Vijayalakshmi M
18	42031710501	VINOTHINI S	S. Vinothini
19	42031710530	GIRIJA B	Girija B
20	42031710530	VENKATRAMAN P	Venkatraman.P.

COURSE CO-ORDINATOR

HOD

PRINCIPAL

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DEPARTMENT OF EEE

CERTIFICATE COURSE ON REFRIGIRATION AND AIR CONDITIONING

ATTENDENCE SHEET:[III-YEAR]

Date: 11.7.2019 to 24.8.2019

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			11.7.2019	12.7.2019	13.7.2019	15.7.2019	16.7.2019	17.7.2019	18.7.2019	19.7.2019	20.7.2019	22.7.2019	23.7.2019	24.7.2019	25.7.2019	26.7.2019	27.7.2019
1	42031710500	AMALA K															
2	42031710500	BHARATHIRAJA R															
3	42031710500	HARIRAJ R															
4	42031710500	JAYASRI D															
5	42031710500	JEEVA PRIYA K															
6	420317105007	MAHALAKSHMI S															
7	42031710500	RAJALAKSHMI T															
8	42031710500	RAJESH R															
9	42031710501	RAVIKUMAR R															
10	42031710501	SANTHOSH J															

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11	42031710501	SARAVANAN K	
12	42031710501	SARAVANAN M	
13	42031710501	SIVARAMAN C	
14	42031710501	SUDHIR K	
15	42031710501	SURESHKUMAR K	
16	42031710501	VASANTHKUMAR V	
17	42031710501	VIJAYALAKSHMI M	
18	42031710501	VINOTHINI S	
19	42031710530	GIRIJA B	
20	42031710530	VENKATRAMAN P	

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			5.8.2019	6.8.2019	7.8.2019	8.8.2019	9.8.2019	10.8.2019	13.8.2019	14.8.2019	16.8.2019	17.8.2019	19.8.2019	20.8.2019	21.8.2019	22.8.2019	24.8.2019
1	42031710500	AMALA K															
2	42031710500	BHARATHIRAJA R															

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3	42031710500	HARIRAJ R
4	42031710500	JAYASRI D
5	42031710500	JEEVA PRIYA K
6	420317105007	MAHALAKSHMI S
7	42031710500	RAJALAKSHMI T
8	42031710500	RAJESH R
9	42031710501	RAVIKUMAR R
10	42031710501	SANTHOSH J
11	42031710501	SARAVANAN K
12	42031710501	SARAVANAN M
13	42031710501	SIVARAMAN C
14	42031710501	SUDHIR K
15	42031710501	SURESHKUMAR K
16	42031710501	VASANTHKUMAR V
17	42031710501	VIJAYALAKSHMI M
18	42031710501	VINOTHINI S
19	42031710530	GIRIJA B
20	42031710530	VENKATRAMAN P

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DEPARTMENT OF EEE

CERTIFICATE COURSE ON REFRIGIRATION AND AIR CONDITIONING

STUDENTS ASSESMENT MARK LIST :[III-YEAR] Date: 11.7.2019 to 24.8.2019

S.NO	REG.NO	STUDENT NAME	MARKS
1	42031710500	AMALA K	69
2	42031710500	BHARATHIRAJA R	87
3	42031710500	HARIRAJ R	89
4	42031710500	JAYASRI D	75
5	42031710500	JEEVA PRIYA K	90
6	420317105007	MAHALAKSHMI S	65
7	42031710500	RAJALAKSHMI T	87
8	42031710500	RAJESH R	96
9	42031710501	RAVIKUMAR R	69
10	42031710501	SANTHOSH J	78
11	42031710501	SARAVANAN K	76
12	42031710501	SARAVANAN M	78
13	42031710501	SIVARAMAN C	56
14	42031710501	SUDHIR K	67
15	42031710501	SURESHKUMAR K	68

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

1601

16	42031710501	VASANTHKUMAR V	68
17	42031710501	VIJAYALAKSHMI M	87
18	42031710501	VINOTHINI S	90
19	42031710530	GIRIJA B	87
20	42031710530	VENKATRAMAN P	64

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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ONE PAGE REPORT

Department:	EEE
Type of Event:	certificate course
Event Title:	basic of the refrigiration and air conditioning
Date & Time:	11.07.2019 to 24.08.2019 (05.00 pm to 06.00pm)
)Venue :	AREC
Organizer:	AREC–EEE
Coordinator:	Mr.P.Karthik
Resource person	Mr.G.Gnanavel
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 20 participants on 11.07.2019 to 24.08.2019 at 05.00 pm with welcome Address and introduction by the co-ordinator**Mr.P.Karthik,AP/EEE,AREC.** • Resource person **Mr.G.GnanavelHOD of DEPARTMENT EEE** has cover the basic of therefrigiration and air conditioningand they demonstrated each and every concept. • The students will get hands on experience in working with refrigiration and air conditioning Students really enjoyed the session and learnt a lot. Now **20students** will be able to apply the concept and its application. • **Ms.R.Manimegalai, AP/EEE,AREC,**proposed the vote of thanks to the participants and organizers.

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Vadakuchipalayam, kappiyampuliyur po, Villupuram 605 601.

This is to certify that Mr./Ms .....AMALA.K.....has participated in the 30 days Certificate course on "Refrigiration and air conditioning"organized by the Department of EEE, A R Engineering college , held on 11.07.2019 TO 24.08.2019

HOD

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS M.E.,Ph.D.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM
KAPPIYAMPULIYUR P.O.
VILLUPURAM-605 601.

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Vadakuchipalayam, Kappiyampuliyurpost,Villupuram-605601,Tamilnadu.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

PERMISSION LETTER

Date:02.01.2020

FROM

The HOD

Department Of EEE

AR Engineering college

Kappiyampuliyur.

To

ThePrincipal,

AR Engineering college

Kappiyampuliyur.

SUB: Permission to conduct add-on Course.

Respected Sir,

As per the instruction from IQAC regarding the add-on course, we have planned to conduct The add-on course for the final year EEE students from 21.1.2020 TO 01.03.2020.

Name of theCourse: Certificate Program-IndustrialSafety

CourseCoordinator: Mr.B.M.PRABHU

Assistant professor/Department of EEE

AR Engineering College

Kappiyampuliyur.

So kindly permit us to conduct the above course.

Thanking You

Yours'sincerely

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CIRCULAR

Date:07.01.2020

SUB: Certificate Program-Industrial Safety

It is planned to conduct a value add-on course for the Final year Electrical & Electronics Engineering students. The add-on courses are the certification course that is designed and offered by our department for the benefit of the students. Add-on courses will be conducted free of cost and the willingness of students. Students who are willing to attend the below mentioned course can Enrol their names to the course conductor.

COURSE DETAILS:

Course title	Certificate Program-Industrial Safety
Course code	VACEEE103
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	21.01.2020 TO 1.3.2020
Timing	05.pm to 06.pm
Course Co-Ordinator	Ms.M.Kalaivani
Resource person	Dr.E.Pushparaj
Certificate	Yes

A.R.ENGINEERING COLLEGE VILLUPURAM

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE

on

INDUSTRIAL SAFETY Department of EE

21.1.2020 TO 01.03.2020

Time:05.00 Pm to 6.00 Pm

Co-ordinator:

Mr.P.Karthik

AP/Department of EEE

Resource Person:

Mr.G.GnanavelHOD/Departmen t of EEE**Organized by**

DEPARTMENT OF EEE

CIA.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- When students complete Intro to Programming with Python, they will be able to work.
- Work with user input to create fun and interactive programs.
- Build basic programs using fundamental programming constructs like variables, conditional

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE

ON

INDUSTRIAL SAFETY

21.1.2020 TO 01.03.2020

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arce.addon.com/

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATEPROGRAM-INDUSTRIALSAFETY

Date: 21.01.2020 TO 01.03.2020 **HOURS:30**

SI.NO	CONTENT	DATE	NO: OFHOURS
1	Introduction To Industry Safety- Basis Circuits and Design, Circuit generations, Electronics & Electrical components and Symbols, Introduction to Industry Safety and Development of Industry Safety and Latest Industry Safety methods	21.01.2020/22.1.2020/23.2.2020/24.01.2020/25.01.2020/27.01.2020/28.01.2020/29.01.2020/30.01.2020/31.01.2020	10
2	Industry Safety Software- Industry Safety Industrial And Commercial Applications.Requirements For Industry Safety And Design Tools (Industry Safety Software) Kicad Or Orcad Software, Type Of Boards For Design And Circuit Analysis And Industry Safety Tracking, Tacking Copies And Malting Industry Safety Film And check The Track with Circuits And Make Correction	01.02.2020/03.02.2020/04.02.2020/05.02.2020/06.02.2020/07.02.2020/8.02.2020/17.02.2020/18.02.2020/19.02.2020	10
3	Industry Safety Manual - Introduction To Manual Design, Material Requirements, Practically, Making Drill And Place Components And Cheak With Circuits	20.02.2020/21.02.2020/22.02.2020/24.02.2020/25.02.2020/26.02.2020/27.02.2020/28.02.2020/29.02.2020/1.3.2020	10
	TOTAL		30 HOURS

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE PROGRAM-INDUSTRIAL SAFETY

STUDENTS NAME LIST :[IV-YEAR] **DATE:21.1.2020 to 1.3.2020**

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420316105003	MELKY KING GNANARAJ J	Melky King Gnanaraj. J
2	420316105005	RADHA KRISHNAN N	Radhakrishnan. N
3	420316105006	SOUNDHARYA M	Soundharya. M
4	420316105008	VIJAY R	Vijay. R
5	420316105009	VIMALRAJ V	V. Vimalraj
6	420316105303	NANDHINI K	Nandhini. K
7	420316105304	RAJESH M	M. Rajesh
8	420316105305	RAMACHANDIRAN A	Ramachandiran A
9	420316105308	VIKNESH K	Viknesh. K
10	420316105701	MANIKANDAN R	Manikandan R

COURSE COORDINATOR HOD

Dr.R.PANNEERDHASS,M.E. Ph.D.,
PRINCIPAL
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE PROGRAM-INDUSTRIAL SAFETY

ATTENDENCE SHEET:[IV-YEAR] **DATE:21.1.2020 to 1.3.2020**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.1.2020	22.1.2020	23.1.2020	24.1.2020	25.1.2020	27.1.2020	28.1.2020	29.1.2020	30.1.2020	31.1.2020	1.2.2020	3.2.2020	4.2.2020	5.2.2020	6.2.2020
1	420316105003	MELKY KING GNANARAJ J															
2	420316105005	RADHA KRISHNAN N															
3	420316105006	SOUNDHARYA M															
4	420316105008	VIJAY R	171														

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5	420316105009	VIMALRAJ V															
6	420316105303	NANDHINI K															
7	420316105304	RAJESH M															
8	420316105305	RAMACHANDIRAN A															
9	420316105308	VIKNESH K															
10	420316105701	MANIKANDAN R															

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			7.2.2020	8.2.2020	17.2.2020	18.2.2020	19.2.2020	20.2.2020	21.2.2020	22.2.2020	24.2.2020	25.2.2020	26.2.2020	27.2.2020	28.2.2020	29.2.2020	1.3.2020
1	420316105003	MELKY KING GNANARAJ J															
2	420316105005	RADHA KRISHNAN N															
3	420316105006	SOUNDHARYA M															
4	420316105008	VIJAY R															
5	420316105009	VIMALRAJ V															
6	420316105303	NANDHINI K															
7	420316105304	RAJESH M															
8	420316105305	RAMACHANDIRAN A															

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9	420316105308	VIKNESH K															
10	420316105701	MANIKANDAN R															

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE PROGRAM-INDUSTRIAL SAFETY

STUDENTS ASSESMENT MARK LIST :[IV-YEAR] **DATE:21.1.2020 to 1.3.2020**

S.NO	REG.NO	STUDENT NAME	MARKS
1	420316105003	MELKY KING GNANARAJ J	87
2	420316105005	RADHA KRISHNAN N	87
3	420316105006	SOUNDHARYA M	59
4	420316105008	VIJAY R	89
5	420316105009	VIMALRAJ V	76
6	420316105303	NANDHINI K	81
7	420316105304	RAJESH M	75
8	420316105305	RAMACHANDIRAN A	69
9	420316105308	VIKNESH K	87
10	420316105701	MANIKANDAN R	87

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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ONE PAGE REPORT

Department:	EEE
Type of Event:	certificate course
Event Title:	Industrial safety
Date & Time:	21.01.2020 TO 01.03.2020 (05.00PM TO06.00PM)
Venue :	AREC
Organizer:	AREC–EEE
Coordinator:	Mr.P.Karthik
Resource person	Mr.G.Gnanavel
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 10 participants on 21.01.2020 TO 01.03.2020 5.00PM with welcome Address and introduction by the co-ordinator**Ms.M.Kalaivani,AP/EEE,AREC.** • Resource person **Dr.E.PushparajAP/DEPARTMENT EEE** has cover the basic of therefrigiration and air conditioning and they demonstrated each and every concept. • The students will get hands-on experience in working with refrigiration and air conditioningStudentsreallyenjoyed the session and learnt a lot. Now **10students** will be able to apply the concept and its application. • **Ms.R.Manimegalai, AP/EEE,AREC,**proposed the vote of thanks to the participants and organizers.

Dr.R.PANNEERDHASS,M.E.,Ph D.,
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This is to certify that Mr./Ms .....VIJAY.R.....has participated in the 30 days Certificate course on "Industrial safety"organized by the Department of EEE, A R Engineering college , held on 21.01.2020 TO 01.03.2020

E.Rufaj

HOD

PRINCIPAL

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DEPARTMENT OF CSE

PERMISSION LETTER

Date:02.01.2020

FROM

The HOD
Department of CSE
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB :Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "VALUE ADDED COURSE ON ROBOTICS" on 21.01.2020 to 01.03.2020 .We request you to grant permission for the same.

Name of the Course: Value added course on robotics

Course-Coordinator : Mrs.T.Geetha
Assistant professor/Department of CSE
AR Engineering College
Kappiyampuliyur.

Thanking you

Your's sincierly

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF CSE

CIRCULAR

Date:07.01.2020

The department of computer science engineering has planned to conduct a VALUE ADDED COURSE ON ROBOTICS for CSE students from 21.01.2020 to 01.03.2020.All the I &II year students are asked to attend the course.

COURSE TITLE	Value added course on robotics
Course code	VACCSE104
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	21.01.2020 to 01.03.2020
Timing	5 pm to 6pm
Course Co-Ordinator	Mrs.T.Geetha
Resource person	Mr.K.Muthukumaran
Certificate	Yes

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE

on

ROBOTICS

Department of CSE

21.01.2020 to 01.03.2020

Time:05.00 pm to 6.00 Pm

Co-ordinator:

Mrs.T.Geetha

AP/Department of CSE

Resource Person:

Mr.K.Muthukumaran

HOD/Department ofCSE

Organized by

DEPARTMENT OF CSE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,

Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- It can promote active engagement problem solving and collaboration among student as active learning tools
- Optimise production lines making them more agile and adaptable to the specific needs.

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE

ON ROBOTICS

21.01.2020 to 01.03.2020

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.courses/student/

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON ROBOTICS

DATE: 21.01.2020 to 01.03.2020 TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Introduction for robotics basics	21.01.2020	1hr
2	Automation ,Robot applications in our lives,Types of roboot	22.01.2020/23.01.2020	2hr
3	Required studies in robotics,Extrapolating from nature	24.01.2020/25.01.2020	2hr
4	Comparing robots to humans,Programming a robot by teaching method	27.01.2020/28.01.2020	2hr
5	Typical programming of an industrial robot,Accuracy and repeatability of addressable points,Technologies of a robot	29.01.2020/30.01.2020	2hr
6	Introduction Sub systems,Transmission system (Mechanics)	31.01.2020/01.02.2020	2hr
7	Power generation and storage system ,Sensors	02.02.2020/03.02.2020	2hr
8	Electronics ,Algorithms and software	04.02.2020/05.02.2020	2hr
9	Servo motor design	05.02.2020/06.02.2020	2hr
10	Introduction Servo motor main types ,Application types in servo motor	07.02.2020	1hr
11	How to define a suitable servo motor speed,Servo motor gearbox	08.02.2020/17.02.2020	2hr
12	Choosing a suitable gearbox ,Controlling inertia	18.02.2020/19.02.2020	2hr
13	A Base servo motor example in a robot Resolution	20.02.2020/21.02.2020	2hr
14	Industrial robot	22.02.2020	1hr
15	Introduction History of a robot Main types of an industrial robot	24.02.2020/25.02.2020	2hr
16	Main robot motions,Scara robot vs articulated robot	26.02.2020/27.02.2020	2hr
17	End effectors	28.02.2020/29.02.2020/1.03.2020	1hr
	TOTAL		30 hrs

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON ROBOTICS

STUDENTS NAME LIST:[I & II YEAR] **DATE:28.09.2019 TO 09..11.2019**

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420319104001	GOPINATH K	Gopinath.K
2	420319104002	CHANDRU M	ChanDRu M
3	420319104003	REVATHY E	E.Revathy
4	420318104001	ABITHA A	Abitha A
5	420318104002	AMIRTHALAKSHMI V	Amirthalakshmi.V
6	420318104003	ANANDHI S	Anandhi S
7	420318104004	BHUVANESHWARI G	G.Bhuvaneshwari
8	420318104005	GIRIPRASATH K	Giriprasath K
9	420318104007	GUNASEELAN G	Gunaseelan G
10	420318104008	KAVITHENDRAL K	Kavithendral K
11	420318104009	KAVITHRA K	Kavithra.K
12	420318104010	MANGALAMBIGAI A	Mangalambigai A
13	420318104011	SANTHIYA J	Santhiya J
14	420318104012	STEPHEN RAJ R	Stephen Raj R

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15	420318104013	SUJATHA A	Sujatha A
16	420318104014	SWARNALAKSHMI B	Swarnalakshmi B
17	420318104016	VARADHARAJA PERUMAL L	Varadharaja Perumal L
18	420318104018	YUVARAJ V	Yuvaraj ✓

COURSE CO-ORDINATOR

HOD

PRINCIPAL

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Dr.R.PANNEERDHASS, M.E., Ph.D.,
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DEPARTMENT OF CSE

VALUE ADDED COURSE ON ROBOTICS

Attendence sheet :[I & II YEAR] **DATE:28.09.2019 TO 09.11.2019**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.1.2020	22.1.2020	23.1.2020	24.1.2020	25.1.2020	27.1.2020	28.1.2020	29.1.2020	30.1.2020	31.1.2020	1.2.2020	3.2.2020	4.2.2020	5.2.2020	6.2.2020
1	420319104001	GOPINATH K															
2	420319104002	CHANDRU M															
3	420319104003	REVATHY E															
4	420318104001	ABITHA A															
5	420318104002	AMIRTHALAKSHMI V															
6	420318104003	ANANDHI S															
7	420318104004	BHUVANESHWARI G															
8	420318104005	GIRIPRASATH K															
9	420318104007	GUNASEELAN G															
10	420318104008	KAVITHENDRAL K															

R. RANNEERDHASS M.E.,Ph.D.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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11	420318104009	KAVITHRA K														
12	420318104010	MANGALAMBIGAI A														
13	420318104011	SANTHI J														
14	420318104012	STEPHEN RAJ R														
15	420318104013	SUJATHA A														
16	420318104014	SWARNALAKSHMI B														
17	420318104016	VARADHARAJA PERUMAL L														
18	420318104018	YUVARAJ V														

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			7.2.2020	8.2.2020	17.2.2020	18.2.2020	19.2.2020	20.2.2020	21.2.2020	22.2.2020	24.2.2020	25.2.2020	26.2.2020	27.2.2020	28.2.2020	29.2.2020	1.3.2020
1	420319104001	GOPINATH K															
2	420319104002	CHANDRU M															
3	420319104003	REVATHY E															

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4	420318104001	ABITHA A	
5	420318104002	AMIRTHALAKSHMI V	
6	420318104003	ANANDHI S	
7	420318104004	BHUVANESHWARI G	
8	420318104005	GIRIPRASATH K	
9	420318104007	GUNASEELAN G	
10	420318104008	KAVITHENDRAL K	
11	420318104009	KAVITHRA K	
12	420318104010	MANGALAMBIGAI A	
13	420318104011	SANTHI J	
14	420318104012	STEPHEN RAJ R	
15	420318104013	SUJATHA A	
16	420318104014	SWARNALAKSHMI B	
17	420318104016	VARADHARAJA PERUMAL L	
18	420318104018	YUVARAJ V	

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON ROBOTICS

STUDENTS ASSESMENT MARK LIST:[I & II YEAR] **DATE:28.09.2019 TO 09..11.2019**

S.NO	REG.NO	STUDENT NAME	MARKS
1	420319104001	GOPINATH K	85
2	420319104002	CHANDRU M	54
3	420319104003	REVATHY E	76
4	420318104001	ABITHA A	79
5	420318104002	AMIRTHALAKSHMI V	89
6	420318104003	ANANDHI S	78
7	420318104004	BHUVANESHWARI G	69
8	420318104005	GIRIPRASATH K	87
9	420318104007	GUNASEELAN G	87
10	420318104008	KAVITHENDRAL K	78
11	420318104009	KAVITHRA K	68
12	420318104010	MANGALAMBIGAI A	90
13	420318104011	SANTHI J	87
14	420318104012	STEPHEN RAJ R	65

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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ONE PAGE REPORT

Department:	CSE
Type of Event:	Value added course
Event Title:	ROBOTICS
Date & Time:	21.01.2020 to 1.03.2020 & (5pm – 6PM)
Venue :	AREC
Organizer:	AREC–CSE
Coordinator:	**Mrs.T.Geetha**
Resource person	**Mr.K.Muthukumaran**
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 18 participants on 21.01.2020 to 1.03.2020 at 05.00 pm with welcome address and introduction by the co-ordinator **Mrs.T.Geetha,AP/CSE,AREC.** • Resource person **Mr.K.Muthukumaran HOD of department CSE** has cover the basic of the ROBOTICS and they demonstrated each and every concept. • The students will get hands-on experience in working with ROBOTICS Students really enjoyed the session and learnt a lot. Now **18students** will be able to apply the concept and its application. • **Mrs.S.Sathya, AP/CSE,AREC,**proposed the vote of thanks to the participants and organizers.

Dr.R.PANNEERDHASS,M.E.,Ph D.,
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This is to certify that Mr./Ms .....GOPINATH.....K.....has participated in the 30 days Value added course on "Robotics"organized by the Department of CSE, A R Engineering college , held on 21.01.2020 TO 01.03.2020

HOD

PRINCIPAL

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Dr.R.PANNEERSHA... M.E.,Ph.D.,
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DEPARTMENT OF ECE

PERMISSION LETTER

Date:02.01.2020

FROM

The HOD
Department Of ECE
AR Engineering college
Kappiyampuliyur.

TO

The principal

AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "Value added course on modern sensor technology"on 21.01.2020 to 1.03.2020. We request you to grant permission for the same.

Name of the Course: value added course on modern sensor technology

Course-Coordinator : Mr.N.Kalidass

Assistant professor/Department of ECE

A.R Engineering College

Kappiyampuliyur.

Thanking you

Your's sincierly

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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DEPARTMENT OF ECE

CIRCULAR

Date:07.01.2020

The department of Electronic Communiction and Engineering has planned to conduct a Course title "VALUE ADDED COURSE ON MODERN SENSOR TECHNOLOGY"for ECE students at from 21.01.2020 to 1.03.2020.All the II & III year students are asked to attend the course.

COURSE DETAILS:

Course title	VALUE ADDED COURSE ON MODERN SENSOR TECHNOLOGY
Course code	VACECE105
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	21.01.2020 to 1.03.2020
Timing	5pm to 6pm
Course Co-Ordinator	Mr.N.Kalidass
Resource person	Mr.K.S.Krishnamoorthy
Certificate	Yes

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

PRINCIPAL
Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON MODERN SENSOR TECHNOLOGY"

Department of ECE

21.01.2020 to 01.03.2020

Time:5.00 pm to 6 Pm

Co-ordinator:

Mr.K.KalidassAP/Department of ECE

Resource Person:

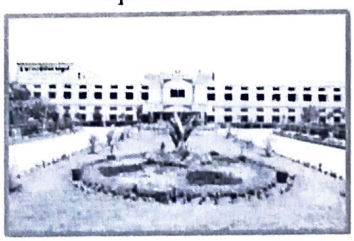
Mr.K.S.KrishnamoorthyHOD/Department of ECE

Organized by

DEPARTMENT OF ECE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- To develop technical skills and competence in data and information acquisition extraction management and analysis mapping and visualization.

A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON MODERN SENSOR TECHNOLOGY"

21.01.2020 to 01.03.2020

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.courses/...

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF ECE

VALUE ADDED COURSE ON MODERN SENSOR TECHNOLOGY

DATE: 21.01.2020 to 1.03.2020 TOTAL Hours: 30

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOURS
1	Introduction to Sensing and Measurement	21.01.2020	1hr
2	Sensor Classifications,Sensor Characteristics ,Sensor Deviations and Error Conditions	22.01.2020/21.01.2020	2hr
3	Physical Phenomena used in Sensing,Establishing an Automation Program	21.01.2020/23.01.2020	2hr
4	Understanding Flexible Workstations, Flexible Work Cells, and Flexible Work Centers.	24.01.2020/25.01.2020	2hr
5	Types and Classifications of Sensors and Control Systems,9 Classification of Control Processes	27.01.2020	1hr
6	Open- and Closed-Loop Control Systems ,Understanding Photoelectric Sensors / Detection Methods	28.01.2020/29.01.2020	2hr
7	Proximity Sensors ,Understanding Inductive Proximity Sensors	30.01.2020/31.01.2020	2hr
8	Understanding Capacitive Proximity Sensors,Understanding Limit Switches	1.02.2020	1hr
10	Inductive and Capacitive Sensors in Manufacturing,Understanding	3.02.2020/4.02.2020	2hr
11	Microwave-Sensing Applications	5.02.2020/6.02.2020	2hr
12	The Infrared Spectrum,Understanding an Infrared Spectrum and how it Arises from Bond Vibrations Within Organic Molecules	7.02.2020/8.02.2020	2hr
13	Introduction Photoelectric Sensors—Long-Distance Detection	17.02.2020/18.02.2020	2hr
14	Fiber Optics ,Optical Fiber Parameters	19.02.2020/20.02.2020	2hr
15	Inductive Proximity Sensors—Noncontact	21.02.2020/22.02.2020	2hr

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

	Metal Detection		
16	Limit Switches—Traditional Reliability ,Factors Affecting the Selection of Position Sensors	24.02.2020/25.02.2020	2hr
17	Wavelengths of Commonly Used Light-Emitting Diodes ,Sensor Alignment Techniques	26.02.2020/27.02.2020	2hr
18	Understanding Laser Sensors ,Fiber Optics in Sensors and Control Systems	28.02.2020/1.3.2020	1hr
		TOTAL	30 HRS

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF ECE

VALUE ADDED COURSE ON MODERN SENSOR TECHNOLOGY

STUDENTS NAME LIST : [II & III Year] **DATE:21.1.2020 to 1.3.2020**

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420318106001	BALAJI S	S. Balaji
2	420318106002	HARISHANKAR V	Hari Shankar V
3	420318106004	SHAKI P	Shaki. P
4	420318106005	SUVASRI S	Suvasri S
5	420318106006	VANISRI S	Vanisri. S
6	420317106001	ABISHA N	Abisha. N
7	420317106004	DHANALAKSHMI T	Dhanalakshmi. T
8	420317106006	JAMUNA S	Jamuna. S
9	420317106007	KASTHURI S	S. Kasthuri
10	420317106008	KEERTHANAVATHI R	Keerthanavathi R
11	420317106009	KOWSALYA R	Kowsalya. R
12	420317106011	NARMADHA N	Narmadha N
13	420317106013	PREMALATHA S	Premalatha. S
14	420317106014	SUGASHINI N	Sugashini N
15	420317106015	SUNITHA K	K. Sunitha
16	420317106019	VIJAY M	Vijay M
17	420317106301	PARTHIBAN P	Parthiban. P.

COURSE CO-ORDINATOR

HOD

Dr.R.GANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF ECE

VALUE ADDED COURSE ON MODERN SENSOR TECHNOLOGY

ATTENDENCE SHEET: [II & III Year]

DATE:21.1.2020 to 1.3.2020

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.1.2020	22.1.2020	23.1.2020	24.1.2020	25.1.2020	27.1.2020	28.1.2020	29.1.2020	30.1.2020	31.1.2020	1.2.2020	3.2.2020	4.2.2020	5.2.2020	6.2.2020
1	420318106001	BALAJI S															
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3	420318106004	SHAKI P															
4	420318106005	SUVASRI S															
5	420318106006	VANISRI S															
6	420317106001	ABISHA N															
7	420317106004	DHANALAKSHMI T															
8	420317106006	JAMUNA S															
9	420317106007	KASTHURI S															
10	420317106008	KEERTHANAVATHI R															

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DEPARTMENT OF ECE

VALUE ADDED COURSE ON MODERN SENSOR TECHNOLOGY

ATTENDENCE SHEET: [II & III Year]

DATE:21.1.2020 to 1.3.2020

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.1.2020	22.1.2020	23.1.2020	24.1.2020	25.1.2020	27.1.2020	28.1.2020	29.1.2020	30.1.2020	31.1.2020	1.2.2020	3.2.2020	4.2.2020	5.2.2020	6.2.2020
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8	420317106006	JAMUNA S															
9	420317106007	KASTHURI S															
10	420317106008	KEERTHANAVATHI R															

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5	420318106006	VANISRI S	
6	420317106001	ABISHA N	
7	420317106004	DHANALAKSHMI T	
8	420317106006	JAMUNA S	
9	420317106007	KASTHURI S	
10	420317106008	KEERTHANAVATHI R	
11	420317106009	KOWSALYA R	
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14	420317106014	SUGASHINI N	
15	420317106015	SUNITHA K	
16	420317106019	VIJAY M	
17	420317106301	PARTHIBAN P	

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ONE PAGE REPORT

Department:	ECE
Type of Event:	value added course
Event Title:	modern sensor technology
Date & Time:	21.01.2020 to 1.03.2020(5 pm to 6pm)
Venue :	AREC
Organizer:	AREC–ECE
Coordinator:	Mr.K.Kalidass
Resource person:	Mr.K.S.Krishnamoorthy
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 17 participants on 21.01.2020 to 1.03.2020 at 5.00 pm with welcome address and introduction by the co-ordinator **Mr.K.Kalidass ,AP/ECE,AREC.** • Resource person Mr.K.S.Krishnamoorthy HOD DEPARTMENT OF ECE has cover the basic of the MODERN SENSOR TECHNOLOGY and they demonstrated each and every concept. • The students will get hands-on experience in working with Modern sensor technology Students really enjoyed the session and learnt a lot. Now 17**students** will be able to apply the concept and its application. • **Mrs.P.Laksmidevi, AP/ECE,AREC,**proposed the vote of thanks to the participants and organizers.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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This is to certify that Mr./Ms .....BALAJI.S.....has participated in the 30 days Value added course on "Modern sensor technology"organized by the Department of ECE, A R Engineering college , held on 21.01.2020 TO 01.03.2020

HOD

PRINCIPAL

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Dr.R.PANNEERDHASS,M.E.,Ph.D.
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DEPARTMENT OF MECHANICAL ENGINEERING

PERMISSION LETTER

Date:02.01.2020

FROM

The HOD
Department Of MECH
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB :Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "value added course on Electric Vehicle"on 21.01.2020 to 02.03.2020. We request you to grant permission for the same.

Name of the Course: value added course on Electric Vehicle

Course-Coordinator : Mr.R.Manivannan
Assistant Proffesor/Department of MECH
AR Engineering college
Kappiyampuliyur.

Thanking you

Your's sincierly

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A.R.ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyurpost,Villupuram-605601,Tamilnadu.

DEPARTMENT OF MECH

CIRCULAR

Date:07.01.2020

The department of mechanical engineering has planned to conduct a Course title "value added course on Electric Vehicle"for MECH students from **21.01.2020 to 02.03.2020**.All the II year students are asked to attend the course.

COURSE DETAILS:

Course title	**VALUE ADDED COURSE ON ELECTRIC VEHICLE**
Course code	VACMECH106
Course duration	31-HOURS
Beneficiaries	Students & Faculty members
Schedule	21.01.2020 to 02.03.2020
Timing	5pm to 6pm
Course Co-Ordinator	Mr.R.Manivannan
Resource person	Dr.K.Kamal Babu
Certificate	Yes

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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Vadakuchipalayam, Kappiyampuliyurpost,Villupuram-605601,Tamilnadu.

A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE on ELECTRIC VEHICLE Department of MECH

21.01.2020 to 02.03.2020

Time:5pm to 6 pm

Co-ordinator:

Mr.R.ManivannanAP/Department of MECH

Resource Person:

Dr.K.Kamal BabuHOD/Department of MECH

Organized by

DEPARTMENT OF MECH

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- To understand the concept of hybrid electric vehicles
- To understand the hybrid electric vehicles market of india with regard to their performance in this new era scenario
- To study the contemporary opportunities and challenges for EV market.

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE ON ELECTRIC VEHICLE

21.01.2020 to 02.03.2020

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://forms.gle/[illegible]

For more information contact

Course coordinator:9159166467

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF MECH

VALUE ADDED COURSE ON ELECTRIC VEHICLE

DATE: 21.01.2020 to 02.03.2020 TOTAL Hours: 31

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOURS
1	Insights for Policy Makers	21.1.2020	1 hrs
2	Technology Status and Performance	22.1.2020/23.1.2020/24.1.2020	3hrs
3	Light duty electric vehicle sales	25.1.2020/27.1.2020	2hrs
4	Sales of other types of electric vehicles	28.1.2020/29.1.2020	2hrs
5	Costs, markets and consumers	30.1.2020/31.1.2020/1.02.2020	3hrs
6	Electric Vehicle Charging and Interactions with Electricity Grids	3.02.2020/4.02.2020	2hrs
7	Electric vehicles and renewable energy deployment	5.02.2020/6.02.2020	2hrs
8	The role of demand-side management	7.02.2020/8.02.2020	2hrs
10	Smart charging	17.02.2020/18.02.2020	2hrs
11	Considering the Future: Electric Vehicle Market Projections	19.02.2020/20.02.2020/21.02.2020	3hrs
12	Projections of batteries and electricity demand	22.02.2020/24.02.2020	2hrs
13	EVs and VRE: Combining for low environmental impact	25.02.2020/26.02.2020	2hrs
14	Material requirements	27.02.2020/28.02.2020/29.02.2020	3hrs
15	Achieving future EV targets: Technology and policy aspects	1.03.2020/02.3.2020	2hr

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DEPARTMENT OF MECH

VALUE ADDED COURSE ON ELECTRIC VEHICLE

STUDENTS NAME LIST :[II-YEAR] **DATE: 21.1.2020 TO 2.3.2020**

S.NO	REG.NO	NAME OF THE STUDENT	SIGNATURE
1	420318114001	AJITH M	
2	420318114002	AJITHKUMAR M	
3	420318114003	ARULKUMAR S	
4	420318114004	AZHAGURAJA I	
5	420318114005	BALACHANDAR P	
6	420318114006	DINESHKUMAR M	
7	420318114007	DINESHKUMAR V	
8	420318114008	ELUMALAI V	
9	420318114009	EZHILMULLAIARASU M	
10	420318114010	GURUMOORTHI S	
11	420318114011	JAYAMOORTHY J	
12	420318114012	KARAN V	
13	420318114013	MAGESH A	
14	420318114014	MANIRAJ R	
15	420318114015	NIJANTHAN J	

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16	420318114016	PRAKASH S	Prakash. S
17	420318114017	RAGURAMAN R	R. Raguram
18	420318114018	RAJ A	Raj. A
19	420318114019	RAKESH R	Rakesh R
20	420318114020	RAMPRASATH D	Ramprasath. D
21	420318114021	RANGARAJAN R	R. Rangarajan. R
22	420318114022	SRIDHAR M	M. Sridhar
23	420318114023	TAMILSELVAM S	S. Tamilselvam.
24	420318114024	UDHAYAKUMAR M	Udhayakumar. M
25	420318114025	VIGNESH M	M. Vignesh
26	420318114026	VIGNESH V	Vignesh. V
27	420318114027	VIGNESHWARAN M	Vigneshwaran. M
28	420318114028	YUVARAJ P	Yuvaraj. P
29	420318114029	YUVARAJ T	Yuvaraj T
30	420317114056	SRIVENDHAN S	Srivendhan. S

COURSE CO-ORDINATOR

HOD

DR.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF MECH

VALUE ADDED COURSE ON ELECTRIC VEHICLE

ATTENDENCE SHEET:[II-YEAR] **DATE: 21.1.2020 TO 2.3.2020**

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.1.2020	22.1.2020	23.1.2020	24.1.2020	25.1.2020	27.1.2020	28.1.2020	29.1.2020	30.1.2020	31.1.2020	1.2.2020	3.2.2020	4.2.2020	5.2.2020	6.2.2020
1	420318114001	AJITH M	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith
2	420318114002	AJITHKUMAR M															
3	420318114003	ARULKUMAR S															
4	420318114004	AZHAGURAJA I															
5	420318114005	BALACHANDAR P															
6	420318114006	DINESHKUMAR M															
7	420318114007	DINESHKUMAR V															
8	420318114008	ELUMALAI V															
9	420318114009	EZHILMULLAIARASU M															
10	420318114010	GURUMOORTHI S															

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11	420318114011	JAYAMOORTHY J	
12	420318114012	KARAN V	
13	420318114013	MAGESH A	
14	420318114014	MANIRAJ R	
15	420318114015	NIJANTHAN J	
16	420318114016	PRAKASH S	
17	420318114017	RAGURAMAN R	
18	420318114018	RAJ A	
19	420318114019	RAKESH R	
20	420318114020	RAMPRASATH D	
21	420318114021	RANGARAJAN R	
22	420318114022	SRIDHAR M	
23	420318114023	TAMILSELVAM S	
24	420318114024	UDHAYAKUMAR M	
25	420318114025	VIGNESH M	
26	420318114026	VIGNESH V	
27	420318114027	VIGNESHWARAN M	
28	420318114028	YUVARAJ P	
29	420318114029	YUVARAJ T	
30	420318114056	SRIVENDHAN S	

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30	Day 31
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1 hr
			7.2.2020	8.2.2020	17.2.2020	18.2.2020	19.2.2020	20.2.2020	21.2.2020	22.2.2020	24.2.2020	25.2.2020	26.2.2020	27.2.2020	28.2.2020	29.2.2020	1.3.2020	2.3.2020
1	420318114001	AJITH M																
2	420318114002	AJITHKUMAR M																
3	420318114003	ARULKUMAR S																
4	420318114004	AZHAGURAJA I																
5	420318114005	BALACHANDAR P																
6	420318114006	DINESHKUMAR M																
7	420318114007	DINESHKUMAR V																
8	420318114008	ELUMALAI V																
9	420318114009	EZHILMULLAIARASU M																
10	420318114010	GURUMOORTHI S																
11	420318114011	[illegible]YAMOORTHY J																
12	420318114012	KARAN V																

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERSELVAM M.E., Ph.D.,
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13	420318114013	MAGESH A	
14	420318114014	MANIRAJ R	
15	420318114015	NIJANTHAN J	
16	420318114016	PRAKASH S	
17	420318114017	RAGURAMAN R	
18	420318114018	RAJ A	
19	420318114019	RAKESH R	
20	420318114020	RAMPRASATH D	
21	420318114021	RANGARAJAN R	
22	420318114022	SRIDHAR M	
23	420318114023	TAMILSELVAM S	
24	420318114024	UDHAYAKUMAR M	
25	420318114025	VIGNESH M	
26	420318114026	VIGNESH V	
27	420318114027	VIGNESHWARAN M	
28	420318114028	YUVARAJ P	
29	420318114029	YUVARAJ T	
30	420317114056	SRIVENDHAN S	

COLLEGE CO-ORDINATOR

HOD

PRINCIPAL

DR.K.PANNEERDHASS, M.E., Ph.D.,
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DEPARTMENT OF MECH

VALUE ADDED COURSE ON ELECTRIC VEHICLE

STUDENTS ASSESMENT MARK LIST :[II-YEAR] DATE: 21.1.2020 TO 2.3.2020

S.NO	REG.NO	NAME OF THE STUDENT	MARKS
1	420318114001	AJITH M	67
2	420318114002	AJITHKUMAR M	87
3	420318114003	ARULKUMAR S	78
4	420318114004	AZHAGURAJA I	86
5	420318114005	BALACHANDAR P	72
6	420318114006	DINESHKUMAR M	65
7	420318114007	DINESHKUMAR V	85
8	420318114008	ELUMALAI V	90
9	420318114009	EZHILMULLAIARASU M	87
10	420318114010	GURUMOORTHI S	67
11	420318114011	JAYAMOORTHY J	90
12	420318114012	KARAN V	83
13	420318114013	MAGESH A	89
14	420318114014	MANIRAJ R	86
15	420318114015	NIJANTHAN J	65

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16	420318114016	PRAKASH S	87
17	420318114017	RAGURAMAN R	86
18	420318114018	RAJ A	64
19	420318114019	RAKESH R	86
20	420318114020	RAMPRASATH D	74
21	420318114021	RANGARAJAN R	85
22	420318114022	SRIDHAR M	82
23	420318114023	TAMILSELVAN S	90
24	420318114024	UDHAYAKUMAR M	87
25	420318114025	VIGNESH M	67
26	420318114026	VIGNESH V	85
27	420318114027	VIGNESHWARAN M	76
28	420318114028	YUVARAJ P	79
29	420318114029	YUVARAJ T	75
30	420317114056	SRIVENDHAN S	87

Dr.R.PANNEERDHASS, M.E., Ph.D.,
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ONE PAGE REPORT

Department:	MECH
Type of Event:	value added course
Event Title:	ELECTRIC VEHICLE
Date & Time:	21.01.2020 to 02.03.2020(5pm to 6pm)
Venue :	AREC
Organizer:	AREC–MECH
Coordinator:	Mr.R.Manivannan
Resource person	Dr.K.Kamal Babu
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 30 participants on 21.01.2020 to 02.03.2020 at 05.00 pm with welcome Address and introduction by the co-ordinator **Mr.R.Manivannan,AP/MECH,AREC.** • Resource person **Dr.K.Kamal Babu** HOD DEPARTMENT OF MECH has cover the basic of the value added course electric vehicle and they demonstrated each and every concept. • The students will get hands on experience in working with electric vehicle Students really enjoyed the session and learnt a lot. Now **30 students** will be able to apply the concept and its application. • **Mr.J.Sankar, AP/MECH,AREC,**proposed the vote of thanks to the participants and organizers.

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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This is to certify that Mr./Ms ..... AJITH . M. .....has participated in the 31 days Value added course on "Electric vehicle"organized by the Department of MECH, A R Engineering college , held on 21.01.2020 TO 02.03.2020

HOD

PRINCIPAL

A R ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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ACADEMIC YEAR

2018 - 2019

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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ACADEMIC YEAR (2018-2019)

Sl. NO	Name of Add on /Certificate programs offered	Course code	Department	Year of offering	No of times offered during the same year	Date and year	Duration of course	No of student enrolled	No of studen compl ting t cours in th year
1	Value-added course on River Engineering	VACMC IVIL101	CIVIL	III	1	13.07.2018 To 25.08.2018	30	13	13
2	Value added course on CREO	VACME CH102	MECH	III	1	13.07.2018 To 27.08.2018	31	35	35
3	Value added course on Catia v5	VACEE E103	EEE	III&IV	1	13.07.2018 To 25.08.2018	30	14	14
4	Value-added course on Sustainable Water resource	VACCIV IL104	CIVIL	IV	1	13.07.2018 To 27.08.2018	31	11	11
5	Value added course on Data analysis	VACCS E105	CSE	I	1	21.01.2019 To 09.03.2019	30	17	17
6	Value added course on 3D modelling in fusion 360	VACCS E106	CSE	II	1	21.01.2019 To 09.03.2019	30	20	20
7	Certificate course on Basic communication system	VACEC E107	ECE	I,II,IV	1	21.01.2019 To 09.03.2019	30	13	13
8	Certificate course on supervisory control	VACEC E108	ECE	II,III	1	21.01.2019 To 09.03.2019	30	12	12

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DEPARTMENT OF CIVIL
PERMISSION LETTER

DATE:07.07.2018

FROM

The HOD
Department of Civil
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB: Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "**Value-added course onRiver Engineering**"on 13.07.2018 TO 25.08.2018.We request you to grant permission for the same.

Name of the Course: Value-added course on River Engineering

Course-Coordinator : Mr.K.Elayaraja
Assistant professor/Department of Civil
AR Engineering College
Kappiyampuliyur.

Thanking you

Your's sincerly

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM
KAPPIYAMPULIYUR P
VILLUPURAM-605 6

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF CIVIL

CIRCULAR

DATE:10.07.2018

The department of Civil Engineering has planned to conduct a **"value added course on River Engineering"** for civil students from 13.07.2018 TO 25.08.2018 .All the III year students are asked to attend the course.

COURSE DETAILS:

Course title	Value added course on River Engineering
Course code	VACCIVIL101
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	13.07.2018 TO 25.08.2018
Timing	5.00 PM-6.00 PM
Course Co-Ordinator	Mr.K.Elayaraja
Resource person	Dr.K.Palaniappan
Certificate	Yes

HOD

PRINCIPAL

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,PH.D.,
PRINCIPAL
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON RIVER ENGINEERING" DEPARTMENT OF CIVIL

13.07.2018 TO 25.08.2018

Time:5.00Pm to6.00 Pm

Co-ordinator:

Mr.K.Elayaraja

AP/Department of CIVIL

Resource Person:

Dr.K.Palaniappan

HOD/Department of Civil

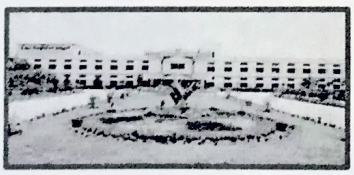
MRK Engineering college

Organized by

DEPARTMENT OF CIVIL

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Promoting conditions for environmentally sustainable economically efficient and equitably allocated use of water resource

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE ON RIVER ENGINEERING

13.07.2018 TO 25.08.2018

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registrationlink:

https://arec.addon course /signup

For more information contact

Course coordinator:9159166467

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A.R.ENGINEERING COLLEGE

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON RIVER ENGINEERING

DATE:13.07.2018 to 25.08.2018 **TOTAL Hours: 30**

COURSE SYLLABUS:

SL.NO	TOPICS	DATE	HOUR
1	Introduction	13.07.2018	1 hr
2	The nature of what we will and will not doilluminated by some aphorisms and some people.	14.07.2018/16.07.2018/17.07.2018	3 hr
3	Types of channel flow to be studied.Some possibly-surprising results Effects of turbulence on dynamics.	18.07.2018/19.07.2018/20.07.2018	3 hr
4	Pressure in open channel flow – effects of resistance on flows over steep slopes hydrostatic approximation	21.07.2018/23.07.2018/24.07.2018/ 25.07.2018	4 hr
5	Resistance in river and other open channel flows.	26.07.2018/03.08.2018/04.08.2018/ 6.08.2018	4 hr
6	The channel flow formula.Channels of arbitrary section	07.08.2018/08.08.2018/09.08.2018	3 hr
7	The Chezy-Weisbach flow formula	10.08.2018/11.08.2018	2 hr
8	Relative unimportance of grain size.	13.08.2018/14.08.2018/16.08.2018/ 17.08.2018	4 hr
9	An approximation to our formula	18.08.2018/20.08.2018	2 hr
10	The Gauckler-Manning-Strickler formula.	21.08.2018/23.08.2018/24.08.2018	3 hr
11	Sensitivity to boundary particle size	25.08.2018	1 hr
		TOTAL	30 hrs

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ONE PAGE REPORT

Department:	CIVIL
Type of Event:	Value added course
Event Title:	RIVER ENGINEERING
Date & Time:	**13.07.2018 TO 25.08.2018/5.00PM TO 6.00PM**
Venue :	AREC
Organizer:	AREC–CIVIL
Coordinator:	Mr.K.Elayaraja
Resource person	Dr.K.Palaniappan
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 13participants on **13.07.2018 TO 27.08.2018** at 5.00 PM with welcome address and introduction bytheco-ordinator**Mr.K.ElayarajaAP/CIVIL,AREC.** • Resource person **Dr.K.Palaniappan HOD of CIVIL** has cover the basic of the Value Added CourseonRiver Engineeringand they demonstrated each and every concept. • The students will get hands-on experience in working River Engineering.Students reallyenjoyed the session and learnt a lot. Now **13 students** will be able to apply the concept and its application. • **Ms.S.Nivetha, AP/CIVIL,AREC,**proposed the vote of thanks to the participants and organizers.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON RIVER ENGINEERING

STUDENTS NAME LIST [III- YEAR]: **DATE:13.07.2018 TO 25.08.2018**

TOTAL HOURS: 30 HRS

SL.NO.	REG NO	NAME OF THE STUDENT	SIGNATURE
1	420316103005	NAVEEN KRISHNA K G	
2	420316103006	POOVARASAN A	
3	420316103007	RAJIVGANDHI R	
4	420316103008	RAMKI R	
5	420316103010	SANTHOSH KUMAR P	
6	420316103011	SARANYA R	
7	420316103013	VEERAMANI KANDAN M	
8	420316103014	VIDHYABARATHY R	
9	420316103015	VIGNESH R	
10	420316103016	VINODHA R	
11	420316103301	ILAMPARITHI K	
12	420316103302	KALAIYARASAN M	
13	420316103303	SAKTHI S	

COURSE CO-ORDINATOR

HOD

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON RIVER ENGINEERING

ATTENDENCE SHEET[III- YEAR]: **DATE:13.07.2018 TO 25.08.2018**

TOTAL HOURS: 30 HRS

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			13.7.2018	14.7.2018	16.7.2018	17.7.2018	18.7.2018	19.7.2018	20.7.2018	21.07.2018	23.07.2018	24.07.2018	25.8.2018	26.8.2018	03.8.2018	04.8.2018	06.8.2018
1	420316103005	NAVEEN KRISHNA KG															
2	420316103006	POOVARASAN A															
3	420316103007	RAJIVGANDHI R															
4	420316103008	RAMKI R															
5	420316103010	SANTHOSHKUMAR P															
6	420316103011	SARANYA R															
7	420316103013	VEERAMANI KANDAN M															
8	420316103014	VIDHYABARATHY R															

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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9	420316103015	VIGNESH R															
10	420316103016	VINODHA R															
11	420316103301	ILAMPARITHI K															
12	420316103302	KALAIYARASAN M															
13	420316103303	SAKTHI S															

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			07.8.2018	08.8.2018	9.8.2018	10.8.2018	11.8.2018	13.8.2018	14.8.2018	16.8.2018	17.8.2018	18.8.2018	20.8.2018	21.8.2018	23.8.2018	24.8.2018	25.8.2018
1	420316103005	NAVEEN KRISHNA KG															
2	420316103006	POOVARASAN A															
3	420316103007	RAJIVGANDHI R															
4	420316103008	RAMKI R															
5	420316103010	SANTHOSHKUMAR P															
6	420316103011	SARANYA R															
7	420316103013	VEERAMANI KANDAN															
8	420316103014	VIDHYABARATHY R															
9	420316103015	VIGNESH R															
10	420316103016	VINODHA R															
11	420316103301	ILAMPARITHI K															
12	420316103302	KALAIYARASAN M															
13	420316103303	SAKTHI															

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DEPARTMENT OF CIVIL

VALUE ADDED COURSE ON RIVER ENGINEERING

STUDENTS ASSESMENT MARK LIST [III- YEAR]: **DATE:25.08.2018**

SL.NO.	REG NO	NAME OF THE STUDENT	MARKS
1	420316103005	NAVEEN KRISHNA K G	73
2	420316103006	POOVARASAN A	75
3	420316103007	RAJIVGANDHI R	56
4	420316103008	RAMKI R	82
5	420316103010	SANTHOSH KUMAR P	72
6	420316103011	SARANYA R	83
7	420316103013	VEERAMANI KANDAN M	85
8	420316103014	VIDHYABARATHY R	73
9	420316103015	VIGNESH R	67
10	420316103016	VINODHA R	69
11	420316103301	ILAMPARITHI K	59
12	420316103302	KALAIYARASAN M	67
13	420316103303	SAKTHI S	81

13

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Vadakuchipalayam, kappiyampuliyur po, Villupuram 605 601.

This is to certify that Mr./Ms .....NAVEEN KRISHNA.K.G...has participated in the 30 days Values added course on "River engineering" organized by the Department of CIVIL, A R Engineering college , held on 13.07.2018 to 25.08.2018

HOD

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr. R.PANNEERDHASS M.E.,P
PRINCIPAL
A.R.Engineering College
Vadakuchipalayam, Kappiyampuliyur PO
Villupuram-605 601

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF MECHANICAL ENGINEERING

PERMISSION LETTER

DATE:07.07.2018

FROM

The HOD
Department Of MECH
AR Engineering college
Kappiyampuliyur.

TO

The principal

AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "value added course on CREO" on **13.07.2018 TO 27.08.2018.** We request you to grant permission for the same.

Name of the Course:"value added course on CREO

Course-Coordinator : Mr.D.Sakthivel

Assistant professor/Department of MECH
AR Engineering College

Kappiyampuliyur.

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Thanking you

Your's sincerely

DEPARTMENT OF MECH

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A. R.ENGINEERING COLLEGE

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

CIRCULAR

DATE:10.07.2018

The department of mechanical engineering has planned to conduct a Course title "value added course on CREO"for MECH students from13.07.2018 TO 27.08.2018.All the III year students are asked to attend the course.

COURSE DETAILS:

Course title	**VALUE ADDED COURSE ON CREO**
Course code	VACMECH102
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	13.07.2018 TO 27.08.2018
Timing	5.00PM-6.00PM
Course Co-Ordinator	Mr.D.Sakthivel
Resource person	Dr.R.Anbazhagan
Certificate	Yes

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON CREO"

DEPARTMENT OF MECH

13.07.2018 TO 27.08.2018

Time:5.00pm to6.00 Pm

Co-ordinator:

Mr.D.Sakthivel

AP/Department of Mech

Resource Person:

Dr.R.Anbazhagan

HOD/Department of Mech

Organized by

DEPARTMENT OF Mech

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601
Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- This course aims to help product designers and engineers in developing a product design virtually.
- Creo is equipped with all the capabilities that are required for completing a product design.

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE ON CREO

13.07.2018 TO 27.08.2018

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.course/signup

For more information contact

Course coordinator:9159166467

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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DEPARTMENT OF MECH

VALUE ADDED COURSE ON CREO

DATE:13.07.2018 TO 27.08.2018 **HOURS:31**

COURSE CONTENT:

SL.NO	TOPICS	DATE	HOUR
1	Introduction to CAD/CAE	13.07.2018	1 hr
2	Parametric Design,Associative,feature Based modeling	14.07.2018	1 hr
3	Parent and child relationship	16.07.2018	1 hr
4	Graphic user interface of creo Getting started with creo engineering.	17.07.2018	1 hr
5	Creation tools,Modifying tools	18.07.2018	1 hr
6	Dimensioning & Constraints	19.07.2018	1hr
7	Sketcher palette,Sketcher relations	20.07.2018	1 hr
8	Part modeling,Getting started with part modelling	21.07.2018	1hr
9	Datum features and cosmetic features	23.07.2018	1 hr
10	View manager,Model analysis	24.07.2018	1 hr
11	Edit options-setup.	25.07.2018	1 hr
12	Basic surface creation tools	26.07.2018	1 hr
13	Flatten quilt,vertex round,N-sided patch Boundary blend.	03.08.2018 /04.08.2018	2 hrs
14	Getting started with assembly	06.08.2018	1 hrs
15	Bottom-up approach	07.08.2018/08.08.2018	2 hrs

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VADAKUCHIPALAYAM
KAPPIYAMPULIYUR
VILLUPURAM-605

16	Assembly constraints	09.08.2018	1 hr
17	Top-down approach,Exploded views	10.08.2018/11.08.2018/13.08.2018	3 hrs
18	Bottom-up approach	14.08.2018/16.08.2018	2 hrs
19	Assembly constraints	17.08.2018/18.08.2018	2 hrs
20	Top-down approach	20.08.2018/21.08.2018	2 hrs
21	Exploded views	23.08.2018/24.08.2018	2 hrs
22	Simplified representations	25.08.2018/27.08.2018	2 hrs
		TOTAL	31 hrs

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DEPARTMENT OF MECH

VALUE ADDED COURSE ON CREO

STUDENTS NAME LIST :[III-YEAR] **DATE:13.07.2018 TO 27.08.2018**

TOTAL HOURS: 31 HRS

S.NO	REG.NO	NAME OF THE STUDENT	SIGNATURE
1	420316114003	Anbumani S	
2	420316114004	Arunkumar E	
3	420316114006	Balasubramani S	
4	420316114008	Chandru S	
5	420316114010	Dhinesh R	
6	420316114012	Jeevanathan E	
7	420316114013	Kadamban S	
8	420316114016	Krishnaraj P	
9	420316114018	Mathivathanan M	
10	420316114020	Muthuvel P	

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11	420316114021	Nagaraj A	Nagaraj
12	420316114023	Prabakaran K	Prabakaran
13	420316114024	Prasanna S	Prasanna
14	420316114026	Praveenkumar K	praveen kumar K
15	420316114027	Praveenkumar M	praveenkumar M.
16	420316114029	Seenuvasan N	Seenuvasan N
17	420316114031	Senthamizhselvan S	Senthi
18	420316114033	Sivakumar M	Sivakumar
19	420316114034	Suriyaprakashraj M	Suriyarockers.
20	420316114035	Surya K	Surya.K
21	420316114037	Sushil Kumar G	G. Sushil
22	420316114039	Thirumathi M	Thirumathi
23	420316114040	Vignesh S	Vignesh.S
24	420316114041	Vigneshkumar V	Vigneshkumar
25	420316114042	Vigneshwaran S	S. VIGNESH
26	420316114043	Vinayagamurthy E	Vinayagamurthy

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27	420316114301	Anbumani T	
28	420316114302	Balaji A	
29	420316114303	Manimaran .M	
30	420316114304	Narasimman M	
31	420316114305	Pushparaj	
32	420316114306	Raja durai. R	
33	420316114307	Selva S	
34	420316114308	Vignesh R	
35	420316114309	Vinoth M	

COURSE CO-ORDINATOR

HOD

PRINCIPAL

Dr.R.FAKKEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF MECH

VALUE ADDED COURSE ON CREO

ATTENDENCE SHEET:[III-YEAR] **DATE:13.07.2018 TO 27.08.2018**

TOTAL HOURS: 31 HRS

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			13.7.2018	14.7.2018	16.7.2018	17.7.2018	18.7.2018	19.7.2018	20.7.2018/	21.07.2018	23.07.2018	24.07.2018	25.8.2018	26.8.2018	03.8.2018	04.8.2018	06.8.2018
1	420316114003	Anbumani S															
2	420316114004	Arunkumar E															
3	420316114006	Balasubramani S															
4	420316114008	Chandru S															
5	420316114010	Dhinesh R															
6	420316114012	Jeevanathan E															
7	420316114013	Kadamban S															
8	420316114016	Krishnaraj P															

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9	420316114018	Mathivathanan M															
10	420316114020	Muthuvel P															
11	420316114021	Nagaraj A															
12	420316114023	Prabakaran K															
13	420316114024	Prasanna S															
14	420316114026	Praveenkumar K															
15	420316114027	Praveenkumar M															
16	420316114029	Seenuvasan N															
17	420316114031	Senthamizhselvan S															
18	420316114033	Sivakumar M															
19	420316114034	Suriyaprakashraj M															
20	420316114035	Surya K															
21	420316114037	Sushil Kumar G															
22	420316114039	Thirumathi M															
23	420316114040	Vignesh S															
24	420316114041	Vigneshkumar V															
25	420316114042	Vigneshwaran S															
26	420316114045	Vinayagamurthy E															
27	420316114301	Anbumani T															
28	420316114302	Balaji A															

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

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29	420316114303	Manimaran .M	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani	m.mani
30	420316114304	Narasimman M	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
31	420316114305	Pushparaj	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar	pushpar
32	420316114306	Raja durai. R	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja
33	420316114307	Selva S	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
34	420316114308	Vignesh R	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
35	420316114309	Vinoth M	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30	Day 31
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1 hr
			07.8. 2018	08.8. 2018	9.8. 2018	10.8. 2018	11.8. 2018	13.8.2 018	14.8. 2018	16.8. 2018	17.8. 2018	18.8. 2018	20.8. 2018	21.8. 2018	23.8. 2018	24.8. 2018	25.8. 2018	27.8. 2018
1	420316114003	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S	Anbumani S
2	420316114004	Arunkumar E	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE	ArunE
3	420316114006	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S	Balasubramani S
4	420316114008	Chandru S	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru	chandru
5	420316114010	Dhinesh R	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]

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Dr. R. PANNE
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6	420316114012	Jeevanathan E															
7	420316114013	Kadamban S															
8	420316114016	Krishnaraj P															
9	420316114018	Mathivathanan M															
10	420316114020	Muthuvel P															
11	420316114021	Nagaraj A															
12	420316114023	Prabakaran K															
13	420316114024	Prasanna S															
14	420316114026	Praveenkumar K															
15	420316114027	Praveenkumar M															
16	420316114029	Seenuvasan N															
17	420316114031	Senthamizhselvan S															
18	420316114033	Sivakumar M															
19	420316114034	Suriyaprakashraj M															
20	420316114035	Surya K															
21	420316114037	Sushil Kumar G															
22	420316114039	Thirumathi M															
23	420316114040	Vignesh S															
24	420316114041	Vigneshkumar V															
25	420316114042	Vigneshwaran S															

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26	420316114045	Vinayagamurthy E	
27	420316114301	Anbumani T	
28	420316114302	Balaji A	
29	420316114303	Manimaran .M	
30	420316114304	Narasimman M	
31	420316114305	Pushparaj	
32	420316114306	Raja durai. R	
33	420316114307	Selva S	
34	420316114308	Vignesh R	
35	420316114309	Vinoth M	

COURSE CO-ORDINATOR

HOD

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF MECH

VALUE ADDED COURSE ON CREO

STUDENTS ASSESMENT MARK LIST :[III-YEAR] **DATE:21.07.2018**

S.NO	REG.NO	NAME OF THE STUDENT	MARK
1	420316114003	Anbumani S	B
2	420316114004	Arunkumar E	A
3	420316114006	Balasubramani S	B+
4	420316114008	Chandru S	A+
5	420316114010	Dhinesh R	B
6	420316114012	Jeevanathan E	O
7	420316114013	Kadamban S	B
8	420316114016	Krishnaraj P	A+
9	420316114018	Mathivathanan M	B
10	420316114020	Muthuvel P	A
11	420316114021	Nagaraj A	B+

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12	420316114023	Prabakaran K	A+
13	420316114024	Prasanna S	B+
14	420316114026	Praveenkumar K	A+
15	420316114027	Praveenkumar M	B
16	420316114029	Seenuvasan N	O
17	420316114031	Senthamizhselvan S	A+
18	420316114033	Sivakumar M	B+
19	420316114034	Suriyaprakashraj M	A
20	420316114035	Surya K	A+
21	420316114037	Sushil Kumar G	A
22	420316114039	Thirumathi M	A+
23	420316114040	Vignesh S	B
24	420316114041	Vigneshkumar V	A+
25	420316114042	Vigneshwaran S	A
26	420316114045	Vinayagamurthy E	B
	420316114301	Anbumani T	O

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

28	420316114302	Balaji A	B+
29	420316114303	Manimaran .M	A
30	420316114304	Narasimman M	A+
31	420316114305	Pushparaj	A
32	420316114306	Raja durai. R	A+
33	420316114307	Selva S	B+
34	420316114308	Vignesh R	A
35	420316114309	Vinoth M	A+

30

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DEPARTMENT OF MECH

VALUE ADDED COURSE ON CREO

STUDENTS ASSESMENT MARK LIST :[III-YEAR] **DATE:27.08.2018**

S.NO	REG.NO	NAME OF THE STUDENT	MARK
1	420316114003	Anbumani S	A
2	420316114004	Arunkumar E	B
3	420316114006	Balasubramani S	O
4	420316114008	Chandru S	B+
5	420316114010	Dhinesh R	A
6	420316114012	Jeevanathan E	A+
7	420316114013	Kadamban S	A
8	420316114016	Krishnaraj P	A+
9	420316114018	Mathivathanan M	B
10	420316114020	Muthuvel P	A+
11	420316114021	Nagaraj A	A

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12	420316114023	Prabakaran K	B+
13	420316114024	Prasanna S	A
14	420316114026	Praveenkumar K	A+
15	420316114027	Praveenkumar M	A
16	420316114029	Seenuvasan N	A+
17	420316114031	Senthamizhselvan S	A
18	420316114033	Sivakumar M	B+
19	420316114034	Suriyaprakashraj M	O
20	420316114035	Surya K	A+
21	420316114037	Sushil Kumar G	O
22	420316114039	Thirumathi M	A
23	420316114040	Vignesh S	A+
24	420316114041	Vigneshkumar V	B+
25	420316114042	Vigneshwaran S	O
26	420316114045	Vinayagamurthy E	A
27	420316114301	Anbumani T	A+

32

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

28	420316114302	Balaji A	O
29	420316114303	Manimaran .M	B
30	420316114304	Narasimman M	A
31	420316114305	Pushparaj	O
32	420316114306	Raja durai. R	A+
33	420316114307	Selva S	A
34	420316114308	Vignesh R	B+
35	420316114309	Vinoth M	A

33

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ONE PAGE REPORT

Department:	MECH
Type of Event:	value added course
Event Title:	CREO
Date & Time:	13.07.2018 TO 27.08.2018/5.00 pm to 6.00 pm
Venue :	AREC
Organizer:	AREC–MECH
Coordinator:	Mr.D.Sakthivel
Resource person	Dr.R.Anbazhagan
Details of Participants:	Students and faculty members of AREC
Write-up on Event	The value added course started with 35 participants on 13.07.2018 TO 27.08.2018 • at 5.00 pm with welcome address and introduction by the co-ordinator Mr.D.Sakthivel,**AP/MECH,AREC.** • Resource person Dr.R.Anbazhagan HOD DEPARTMENT OF MECH has cover the basic of the value added course CREO and they demonstrated each and every concept. • The students will get hands-on experience in working with CREO Students really enjoyed the session and learnt a lot. Now **35 students** will be able to apply the concept and its application. • **Mr.K.Naveen, AP/MECH,AREC,**proposed the vote of thanks to the participants and organizers.

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This is to certify that Mr./Ms .....ANBUMANI.S.....has participated in the 31 days Values added course on "CREO" organized by the Department of MECH, A R Engineering college , held on 13.07.2018 to 27.08.2018

HOD

PRINCIPAL

Dr. R. PANNEERDHASS M.E., Ph.D.,
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A.R. Engineering College,
Vadakuchipalayam, Kappiyampuliyur Post,
Villupuram Dt. 605 601

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF EEE

PERMISSION LETTER

DATE:07.07.2018

FROM

The HOD
Department Of EEE
AR Engineering college
Kappiyampuliyur.

TO

The principal

AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "**Value added course catia V5**" on 13.07.2018 TO25.08.2018. We request you to grant permission for the same.

Name of the Course: "Value added course catia V5"

Course-Coordinator : Mr.G.Gnanavel

Assistant professor/Department of EEE

AR Engineering College

Kappiyampuliyur.

Thanking you

Your's sincierly

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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KAPPIYAMPULIYUR POST,
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DEPARTMENT OFEEE

CIRCULAR

DATE:10.07.2018

The Department of Electrical and Electronic Engineering has planned to conduct a Course title"**Value added course catia V5**"for EEE students from13.07.2018 TO 25.08.2018.All the III &IVyear students are asked to attend the course.

COURSE DETAILS:

COURSE TITLE	VALUE ADDED COURSE CATIA V5
Course code	VACEEE103
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	13.07.2018 TO 25.08.2018
Timing	5.00PM-6.00PM
Course Co-Ordinator	Mr.G.Gnanavel
Resource person	Dr.K.Krishnakumar
Certificate	Yes

HOD

PRINCIPAL

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON CATIA V5"

DEPARTMENT OF EEE

13.07.2018 TO 25.08.2018

Time:05.00 Am to6.00 Pm

Co-ordinator:

Mr.G.Gnanavel

AP/Department of EEE

Resource Person:

Dr.K.Krishnakumar

HOD/Department of EEE

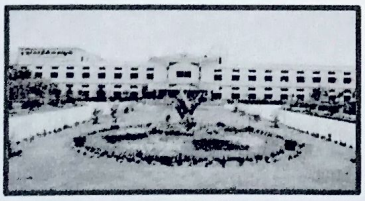
VRS ENGINEERING COLLEGE

Organized by

DEPARTMENT OF EEE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- To develop proficiency in using CATIA V5 for 3D modelling, assembly design, surface design,and grafting.
- To equip students with the necessary skills and knowledge to persue self employment oppurtunities as CATIA V5 professionals.

A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON CATIA V5"

13.07.2018 TO 25.08.2018

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.course./signin

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF EEE

VALUE ADDED COURSE CATIA V5

DATE:13.07.2018 TO 25.08.2018 HOURS:30

SL.NO	TOPICS	DATE	HOUR
1	Introduction	13.07.2018	1 hr
2	Part Design and sketching,Product structure Part design	14.07.2018/16.07.2018/17.07.2018	3 hr
3	Assembly sketcher,Wire frame and surface	18.07.2018/19.07.2018/20.07.2018	3 hr
4	Product structurs and assembly modeling More advance part design.	21.07.2018/23.07.2018/24.07.2018/ 25.07.2018	4 hr
5	Free style shape ,Digital Shape editor, Knowledge ware.	26.07.2018/03.08.2018/04.08.2018/ 6.08.2018	4 hr
6	Wire frame and surface ,Drafting	07.08.2018/08.08.2018/09.08.2018	3 hr
7	Photo studio 4G navigator	10.08.2018/11.08.2018	2 hr
8	Finte element analys.	13.08.2018/14.08.2018/16.08.2018/ 17.08.2018	4 hr
9	Data exchange	18.08.2018/20.08.2018	2 hr
10	Parameters and formulas	21.08.2018/23.08.2018/24.08.2018	3 hr
11	Manufacturing	25.08.2018	1 hr

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DEPARTMENT OF EEE

VALUE ADDED COURSE CATIA V5

STUDENTS NAME LIST :[III&IV -YEAR] **DATE:13.07.2018 TO 25.08.2018**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420316105003	MELKY KING GNANARAJ J	Melky King Gnanaraj J
2	420316105005	RADHA KRISHNAN N	Radha krishnan.N.
3	420316105006	SOUNDHARYA M	M Soundharya
4	420316105008	VIJAY R	Vijay
5	420316105009	VIMALRAJ V	Vimalraj
6	420316105303	NANDHINI K	Nandhini K
7	420316105304	RAJESH M	Rajesh
8	420316105305	RAMACHANDIRAN A	Ramachandiran. A
9	420316105308	VIKNESH K	Viknesh. K
10	420316105701	MANIKANDAN R	Manikandan. R
11		VIJAI B	Vijai

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12		RANJITH A	
13		SATHISHKUMAR S	
14		SARATHY A	

COURSE CO-ORDINATOR

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A. R. ENGINEERING COLLEGE

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF EEE

VALUE ADDED COURSE CATIA V5

ATTENDENCE SHEET:[III&IV -YEAR]

DATE:13.07.2018 TO 25.08.2018

TOTAL HOURS: 30 HRS

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			13.7.2018	14.7.2018	16.7.2018	17.7.2018	18.7.2018	19.7.2018	20.7.2018/	21.07.2018	23.07.2018	24.07.2018	25.8.2018	26.8.2018	03.8.2018	04.8.2018	06.8.2018
1	420316105003	MELKY KING GNANARAJ J	Melky king Gnanaraj J	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj	Melky king Gnanaraj
2	420316105005	RADHA KRISHNAN N	RADHA Krishnan	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn	Radha Krishn
3	420316105006	SOUNDHARYA M	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary	Soundhary
4	420316105008	VIJAY R	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
5	420316105009	VIMAL RAJ V	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj	Vimal Raj

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6	420316105303	NANDHINI K															
7	420316105304	RAJESH M															
8	420316105305	RAMACHANDIRAN A															
9	420316105308	VIKNESH K															
10	420316105701	MANIKANDAN R															
11		VIJAI B															
12		RANJITH A															
13		SATHISHKUMAR S															
14		SARATHY A															

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			07.8.2018	08.8.2018	9.8.2018	10.8.2018	11.8.2018	13.8.2018	14.8.2018	16.8.2018	17.8.2018	18.8.2018	20.8.2018	21.8.2018	23.8.2018	24.8.2018	25.8.2018
1	420316105003	MELKY KING GNANARAJ J	Melky King. Gnanaraj	Melky King. Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King. Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj	Melky King Gnanaraj
2	420316105005	RADHA KRISHNAN N	Radha Krish nan	Radha krish nan	Radha Krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan	Radha krish nan
3	420316105006	SOUNDHARYA M	Soun	Soun	Soun	Soun	Soun	Soun	Soun	Soun	Soun	Soun	Soun	Soun	Soun	Soun	Soun
4	420316105008	VIJAY R	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij	Vij
5	316105009	VIMALRAJ V	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj	Vimj
6	420316105303	NANDHINI K	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandi	Nandini
7	420316105304	RAJESH M	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
8	420316105305	RAMACHANDIRAN A	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm	Ramm

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Dr.R.PANNEERDHASS M.E.,Ph.D.,
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KAPPIYAMPULIYI

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9	420316105308	VIKNESH K															
10	420316105701	MANIKANDAN R															
11		VIJAI B															
12		RANJITH A															
13		SATHISHKUMAR S															
14		SARATHY A															

COURSE CO-ORDINATOR

HOD

Dr.R.PANNEERDHASS M.E., Ph.D.,
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DEPARTMENT OF EEE

VALUE ADDED COURSE CATIA V5

STUDENTS ASSESMENT NAME LIST :[III&IV -YEAR] **DATE:23.07.2018**

S.NO	REG.NO	STUDENT NAME	MARKS
1	420316105003	MELKY KING GNANARAJ J	76
2	420316105005	RADHA KRISHNAN N	74
3	420316105006	SOUNDHARYA M	69
4	420316105008	VIJAY R	82
5	420316105009	VIMALRAJ V	59
6	420316105303	NANDHINI K	68
7	420316105304	RAJESH M	91
8	420316105305	RAMACHANDIRAN A	73
9	420316105308	VIKNESH K	61
10	420316105701	MANIKANDAN R	73

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11		VIJAY B	87
12		RANJITH A	86
13		SATHISHKUMAR S	85
14		SARATHY A	74

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DEPARTMENT OF EEE

VALUE ADDED COURSE CATIA V5

STUDENTS ASSESMENT NAME LIST :[III&IV -YEAR] **DATE:25.08.2018**

S.NO	REG.NO	STUDENT NAME	MARKS
1	420316105003	MELKY KING GNANARAJ J	78
2	420316105005	RADHA KRISHNAN N	68
3	420316105006	SOUNDHARYA M	69
4	420316105008	VIJAY R	75
5	420316105009	VIMALRAJ V	68
6	420316105303	NANDHINI K	75
7	420316105304	RAJESH M	88
8	420316105305	RAMACHANDIRAN A	79
9	420316105308	VIKNESH K	72
10	420316105701	MANIKANDAN R	68

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KAPPIYAMPULIYUR POST,
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11		VIJAY B	99
12		RANJITH A	67
13		SATHISHKUMAR S	58
14		SARATHY A	79

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ONE PAGE REPORT	
Department:	EEE
Type of Event:	certificate course
Event Title:	**Catia v5**
Date & Time:	13.07.2018 TO 27.08.2018/5.00 pm to 6.00pm
Venue :	AREC
Organizer:	AREC–EEE
Coordinator:	**Mr.G.Gnanavel**
Resource person	**Dr.K.Krishnakumar**
Details of Participants:	Students and faculty members of AREC
Write-up on Event	The value added course started with 14 participants on 13.07.2018 TO 27.08.2018 at 5.00pm with welcome Address and introduction by the co-ordinator **Mr.G.Gnanavel,AP/EEE,AREC.** • Resource person **Dr.K.Krishnakumar HOD of DEPARTMENT EEE VRS ENGINEERING COLLEGE** has cover the basic of the**Value added course catia V5**and they demonstrated each and every concept. • The students will get hands-on experience in working with **Value added course catia V5**Students reallyenjoyed the session and learnt a lot. Now **14students** will be able to apply the concept and its application. • **Mr.P.Karthik, AP/EEE,AREC,**proposed the vote of thanks to the participants and organizers.

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This is to certify that Mr./Ms MELKY KING GNANARAJ has participated in the 30 days Values added course on "CATIA V5" organized by the Department of EEE, A R Engineering college , held on 13.07.2018 TO 25.8.2018

HOD

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr. R. PANNEERDHASS M.E.,Ph.D.,
PRINCIPAL
A.R.Engineering College,
Vadakuchipalayam, Kappiyampuliyur Post,
Villupuram-605 601.

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF CIVIL

PERMISSION LETTER

DATE:07.07.2018

FROM

The HOD
Department Of Civil
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct **"Value-added course onSustainable water resources management"** on 13.07.2018 TO 27.08.2018**.** We request you to grant permission for the same.

Name of the Course: Sustainable water resources management

Course-Co ordinator : Mr.D.Thulabamani
Assistant professor/Department of Civil
AR Engineering College
Kappiyampuliyur.

Thanking you

Yours sincerely

R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF CIVIL

CIRCULAR

DATE:10.07.2018

The department of Civil Engineering has planned to conduct a "value added course onSustainable water resources management"for civil students from13.07.2018 TO 27.08.2018.All the IV year students are asked to attend the course.

COURSE DETAILS:

Course title	Value added course on sustainable water resources management
Course code	VACCIVIL104
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	13.07.2018 TO 27.08.2018
Timing	5.00pm-6.00 pm
Course Co-Ordinator	Mr.D.Thulabamani
Resource person	Dr.P.Gnanavel
Certificate	Yes

HOD

A.R.ENGINEERING COLLEGE VILLUPURAM

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON SUSTAINABLE WATER RESOURCES MANAGEMENT"

DEPARTMENT OF CIVIL

13.07.2018 TO 27.08.2018

Time:05.00 pm to 6.00 Pm

Co-ordinator:

Mr.D.Thulabamani

AP/Department of CIVIL

Resource Person:

Dr.P.Gnanavel

HOD/Department of Civil

MRK Engineering college

Organized by

DEPARTMENT OF CIVIL

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Promoting conditions for environmentally sustainable economically efficient and equitably allocated use of water resource

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE ON SUSTAINABLE WATER RESOURCES MANAGEMENT

13.07.2018 TO 27.08.2018

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registrationlink:

https://arec.addon.course/signup

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF CIVIL

SUSTAINABLE WATER RESOURCES MANAGEMENT

DATE:13.07.2018 TO 27.08.2018 HOURS:31

Learning Objectives :

1. To know and understand the importance of water quality.
2. To know the salient features of Ground water resources
3. To know the role of watershed in water resources management.

Course Outcomes :

At the end students can

1. Understand the importance of Water resources
2. Understand the importance of Water resources Development
3. Understand the concept of Watershed practices.
4. Understand the Occurrence of Ground water
5. Experimental practice according to the present water issues.

SL.NO	TOPICS	DATE	HOUR
1	Introduction	13.07.2018	1 hr
2	Water resources survey – Water resources of India andTamilnadu	14.07.2018	1 hr
3	Description of water resources planning	16.07.2018	1 hr
4	National Water Policy- Properties of water	17.07.2018	1 hr
5	Water quality standards-WHO& APHA Standards. Water resources development	18.07.2018	1 hr
6	Water resources development	19.07.2018	1hr

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7	Scope and aims of master plan for irrigation tanks	20.07.2018	1 hr
8	Farm ponds and percolation ponds, Rain water harvesting	21.07.2018	1hr
9	Watershed Characteristics	23.07.2018	1 hr
10	Concept – Classification	24.07.2018	1 hr
11	Watershed Programmes	25.07.2018	1 hr
12	Watershed Management Practices.	26.07.2018	1 hr
13	Occurrence of Ground water –Utilization of Ground water	03.08.2018 /04.08.2018	2 hrs
14	Aquifer and its types	06.08.2018	1 hrs
15	Ground water recharge- Ground water status atState and National level.	07.08.2018/08.08.2018	2 hrs
16	Sample Collection-Processing Preservations – Testing Kit -	09.08.2018	1 hr
17	Determination of pH- Acidity and Alkalinity	10.08.2018/11.08.2018/13.08.2018	3 hrs
18	Turbidity	14.08.2018/16.08.2018	2 hrs
19	Total Solids- Total volatile solids	17.08.2018/18.08.2018	2 hrs
20	Total suspended solids	20.08.2018/21.08.2018	2 hrs
21	Water level indicator at different location demonstration	23.08.2018/24.08.2018	2 hrs
22	Safety precautions in the Laboratory	25.08.2018/27.08.2018	2 hrs

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DEPARTMENT OF CIVIL

SUSTAINABLE WATER RESOURCES MANAGEMENT

STUDENTS NAME LIST :[IV-YEAR] **DATE:13.07.2018 TO 27.08.2018**

TOTAL HOURS: 31 HRS

Sl.No.	REG NO	NAME OF THE STUDENT	SIGNATURE
1	420317103001	PREM KUMAR.T	
2	420317103005	ANITHA S	
3	420317103006	GAYATHRI.M	
4	420317103008	ANGALEESHWARI.E	
5	420317103010	VINODHARAN V	
6	420317103012	KRISHNAKUMAR S	
7	420317103013	SASIKUMAR S	
8	420317103014	AJAY S	
9	420317103015	VIJAYARAGAVAN	
10	420317103301	MANIKANDAN R	
11	420317103302	SUGUVANAN E	

COURSE CO-ORDINATOR

HOD

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OF CIVIL

SUSTAINABLE WATER RESOURCES MANAGEMENT

ATTENDENCE SHEET:[IV-YEAR] **DATE:13.07.2018 TO 27.08.2018**

TOTAL HOURS: 31 HRS

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			13.7.2018	14.7.2018	16.7.2018	17.7.2018	18.7.2018	19.7.2018	20.7.2018/	21.07.2018	23.07.2018	24.07.2018	25.8.2018	26.8.2018	03.8.2018	04.8.2018	06.8.2018
1	420317103001	PREM KUMAR.T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	420317103005	ANITHA S	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
3	420317103006	GAYATHRI.M	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
4	420317103008	ANGALEESHWARI.E	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5	420317103010	VINODHARAN V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
6	420317103012	KRISHNAKUMAR S	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
7	420317103013	SASIKUMAR S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
8	420317103014	AJAY S	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
9	4203171030	VIJAYAKRAGAVAN	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V

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10	420317103301	MANIKANDAN R																
11	420317103302	SUGUVANAN E																

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30	Day 31
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1 hr
			07.8.2018	08.8.2018	9.8.2018	10.8.2018	11.8.2018	13.8.2018	14.8.2018	16.8.2018	17.8.2018	18.8.2018	20.8.2018	21.8.2018	23.8.2018	24.8.2018	25.8.2018	27.8.2018
1	420317103001	PREM KUMAR.T																
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3	420317103006	GAYATHRI.M																
4	420317103008	ANGALEESHWARI.E																
5	420317103010	VINODHARAN V																
6	420317103012	KRISHNAKUMAR S																
7	420317103013	SASIKUMAR S																
8	420317103014	AJAY S																
9	420317103015	VIJAYARAGAVAN																
10	420317103301	MANIKANDAN R																
11	420317103302	SUGUVANAN E																

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERSELVAM M.E.,Ph.D PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM KAPPIYAMPULIYUR VILLUPURAM-605

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DEPARTMENT OF CIVIL SUSTAINABLE WATER RESOURCES MANAGEMENT

STUDENTS ASSESMENT MARK LIST :[IV-YEAR] **DATE:26.08.2018**

Sl.No.	REG NO	NAME OF THE STUDENT	MARKS
1	420317103001	PREM KUMAR.T	87
2	420317103005	ANITHA S	86
3	420317103006	GAYATHRI.M	65
4	420317103008	ANGALEESHWARI.E	74
5	420317103010	VINODHARAN V	59
6	420317103012	KRISHNAKUMAR S	90
7	420317103013	SASIKUMAR S	68
8	420317103014	AJAY S	84
9	420317103015	VIJAYARAGAVAN	68
10	420317103301	MANIKANDAN R	83
11	420317103302	SUGUVANAN E	75

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DEPARTMENT OF CIVIL SUSTAINABLE WATER RESOURCES MANAGEMENT

STUDENTS ASSESMENT MARK LIST :[IV-YEAR] **DATE:31.08.2018**

Sl.No.	REG NO	NAME OF THE STUDENT	MARKS
1	420317103001	PREM KUMAR.T	68
2	420317103005	ANITHA S	84
3	420317103006	GAYATHRI.M	68
4	420317103008	ANGALEESHWARI.E	83
5	420317103010	VINODHARAN V	77
6	420317103012	KRISHNAKUMAR S	86
7	420317103013	SASIKUMAR S	72
8	420317103014	AJAY S	92
9	420317103015	VIJAYARAGAVAN	72
10	420317103301	MANIKANDAN R	72
11	420317103302	SUGUVANAN E	75

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ONE PAGE REPORT

Department:	CIVIL
Type of Event:	VALUE ADDED COURSE
Event Title:	SUSTAINABLE WATER RESOURCES MANAGEMENT
Date:	13.07.2018 TO 27.08.2018/5.00pm to 6.00pm
Venue :	AREC
Organizer:	AREC–CIVIL
Coordinator:	Mr.D.Thulabamani
Resource person:	Dr.P.Gnanavel
Details of Participants:	Students and faculty members of AREC
Write-up on Event	The value added course started with 11 participants on 13.07.2018 TO 27.08.2018 at 5.00 pm with welcome address and introduction by the co-ordinator **Mr.D.Thulabamani,AP/Civil,AREC.** • Resource person **Dr.P.GnanavelHOD DEPARTMENT OF CIVILMRK College of engineering** has cover the basic of theSustainable water resources managementand they demonstrated each and every concept. • The students will get hands-on experience in working Sustainable water resources management • Students reallyenjoyed the session and learnt a lot. Now **11students** will be able to apply the concept and its application. • **Mr.D.Thulabamani, AP/Civil,AREC,**proposed the vote of thanks to the participants and organizers.

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KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

60 61

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This is to certify that Mr./Ms PREM KUMAR.T.....has participated in the 31 days Values added course on "Sustainable water resources management" organized by the Department of CIVIL, A R Engineering college, held on 13.07.2018 TO 27.8.2018

Ginawel
HOD

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr. R.PANNEERDHASS M.E.,Ph.D.,
PRINCIPAL
A.R.Engineering College
Vadakuchipalayam, Kappiyampuliyur Post,
Villupuram-605 601.

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DEPARTMENT OF CSE

PERMISSION LETTER

DATE:13.01.2019

FROM

The HOD
Department of CSE
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "value added course on data analys is with python" on 21.01.2019 TO 09.03.2019. We request you to grant permission for the same.

Name of the Course: value added course on data analysis with python

Course Co-ordinator : Mrs.S.Sathya

Assistant professor/Department of CSE
A.R.Engineering college
villupuram

Thanking you

ENGINEERING COLLEGE VILLUPURAM 605 601

Your`s sincierly

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OFCSE

CIRCULAR

DATE:19.01.2019

The department of computer science engineering has planned to conduct a value added course on data analysis with python for CSE students from 21.01.2019 TO 09.03.2019.All the I year students are asked to attend the course.

COURSE DETAILS:

COURSE TITLE	VALUE ADDED COURSE ON DATA ANALYSIS WITH PYTHON
Course code	VACCSE105
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	21.01.2019 TO 09.03.2019
Timing	5.00pm-6.00pm
Course Co-Ordinator	Mrs.S.Sathya
Resource person	Dr.K.Venkataramana
Certificate	Yes

HOD

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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68

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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON DATA ANALYSIS WITH PYTHON"

DEPARTMENT OF CSE

21.01.2019 TO 09.03.2019

Time:5.00 pm to6.00 Pm

Co-ordinator:

Mrs.K.Sathya

AP/Department of CSE

Resource Person:

Dr.K.Venkataramana

HOD/Department of CSE

Organized by

DEPARTMENT OF CSE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601
Opp: SIGA hr. sec school



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Learn about data model creation.
- Explore,analyse,and visualize data
- Shift data using slices in multiple pivot tables.

A.R ENGINEERING COLLEGE

VALUE ADDED COURSE

ON DATA ANALYSIS WITH PYTHON

21.01.2019 TO 09.03.2019

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec-addon.course/

For more information contact

Course coordinator:9159166467

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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APPIYAMPULIYUR P(.)ST,
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DEPARTMENT OF CSE

VALUE ADDED COURSE ON DATA ANALYSIS WITH PYTHON

DATE:21.01.2019 TO 09.03.2019 HOURS:30

SL.NO	TOPICS	DATE	HOUR
1	Introduction, Handling Raw Data using Numpy and Pandas: Arrays and operations onArrays using NumPy – Data structure of Pandas	21.01.2019	1 hr
2	Essential functionality –Summarizing and Computing Descriptive Statistics – Handling Missing Data- Inserting and Exporting data from CSV, XLS, JSON, database files	22.01.2219/23.01.2019/24.01.2019	3 hr
3	Datacleansing – Data Operations – Aggregation and Join operations– Data transformation: Removing duplicates – Transformation of data using function or mapping – Discretization and Binning – Renaming Axis indexes -detecting and filtering outliers	25.01.2019/28.01.2019/29.01.2019	3 hr
4	Data Visualization: Data mining – Presenting an analysis	30.01.2019/31.01.2019/01.02.2019/ 02.02.2019	4 hr
5	Studying theTitanic dataset - Data Visualization - Charts – Multiple plots.	04.02.2019/05.02.2019/06.02.2019 /05.02.2019	4 hr
6	Machine Learning: Types of machine learning- Decision trees	07.02.2019/08.02.2019/09.02.2019	3 hr
7	The Chezy-Weisbach flow formula	25.02.2019/26.02.2019	2 hr
8	• Linear regression – Logistic regression	27.02.2019/28.02.2019/01.03.2019/ 02.03.2019	4 hr
9	K means Clustering, Hierarchical clustering.	03.03.2019/04.03.2019	2 hr
10	Case Studies: Generating recommendations with	05.03.2019/06.03.2019/07.02.2019	3 hr

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VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR POST,
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	Collaborative Filtering Applying Segmentation with k-means Clustering.		
11	Case Studies: Generating recommendations with Collaborative Filtering Applying Segmentation with k-means Clustering.	09.03.2019	1 hr

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON DATA ANALYSIS WITH PYTHON

STUDENTS NAME LIST [I YEAR]: **DATE:21.01.2019 TO 9.03.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420318104001	ABITHA A	ABitha
2	420318104002	AMIRTHALAKSHMI V	V. AK.
3	420318104003	ANANDHI S	S. Anandhi
4	420318104004	BHUVANESHWARI G	G. Bhuv
5	420318104005	GIRIPRASATH K	Giri Prasath
6	420318104007	GUNASEELAN G	G. Guna S
7	420318104008	KAVITHENDRAL K	Kavithendral. k.
8	420318104009	KAVITHRA K	K. Kavi
9	420318104010	MANGALAMBIGAI A	A. Mangai
10	420318104011	SANTHI J	Santhi. J
11	420318104012	STEPHEN RAJ R	R. S Raj

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12	420318104013	SUJATHA A	A. Sujith
13	420318104014	SWARNALAKSHMI B	B. SLS.
14	420318104015	THENNILA	Thennila
15	420318104016	VARADHARAJA PERUMAL L	L. Varadha Perumal
16	420318104017	VIJAYA KUMAR P	P. VK.
17	420318104018	YUVARAJ V	Yuvaraj. V.

COURSE CO-ORDINATOR

HOD

PRINCIPAL

ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph D.,
PRINCIPAL
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KAPPIYAMPULIYUR POST,
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DEPARTMENT OF CSE

VALUE ADDED COURSE ON DATA ANALYSIS WITH PYTHON

ATTENDENCE SHEET[I YEAR]: **DATE:21.01.2019 TO 9.03.2019**

TOTAL HOURS: 30 HRS

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.01.2019	22.1.2019	23.1.2019	24.1.2019	25.1.2019	28.1.2019	29.1.2019	30.1.2019	31.1.2019	1.2.2019	2.2.2019	4.2.2019	5.2.2019	6.2.2019	7.2.2019
1	420318104001	ABITHA A															
2	420318104002	AMIRTHALAKSHMI V															
3	420318104003	ANANDHI S															
4	420318104004	BHUVANESHWARI G															
5	420318104005	GIRIPRASATH K															
6	420318104007	GUNASEELAN G															
7	420318104008	KAVITHENDRAL K															
8	420318104009	KAVITHRA K															

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9	420318104010	MANGALAMBIGAI A															
10	420318104011	SANTHI J															
11	420318104012	STEPHEN RAJ R															
12	420318104013	SUJATHA A															
13	420318104014	SWARNALAKSHMI B															
14	420318104015	THENNILA															
15	420318104016	VARADHARAJA PERUMAL L															
16	420318104017	VIJAYA KUMAR P															
17	420318104018	YUVARAJ V															

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			8.2.2019	9.2.2019	25.2.2019	26.2.2019	27.2.2019	28.2.2019	1.3.2019	2.3.2019	3.3.2019	4.3.2019	5.3.2019	6.3.2019	7.3.2019	8.3.2019	9.3.2019
1	420318104001	ABITHA A															
2	420318104002	AMIRTHALAKSHMI V															
3	420318104003	ANANDHI S															
4	420318104004	BHUVANESHWARI G															
5	420318104005	GIRIPRASATH K															
6	420318104007	GUNASEELAN G															
7	420318104008	KAVITHENDRAL K															
8	420318104009	KAVITHRA K															
9	420318104010	MANGALAMBIGAI A															
10	420318104011	SANTHI J															
11	420318104012	STEPHEN RAJ R															
12	420318104013	SUJATHA A															
13	420318104014	SWARNALAKSHMI B															
14	420318104015	THENNILA															

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15	420318104016	VARADHARAJA PERUMAL L	Vay	Vay	Vay	Vay	Vay	Vay	Vay	Vay	Vay	Vay	Vay	Vay	Vay	Vay	
16	420318104017	VIJAYA KUMAR P	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	
17	420318104018	YUVARAJ V	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	Yuv	

Sathya
COURSE CO-ORDINATOR

K. Venkatraman
HOD

PRINCIPAL

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON DATA ANALYSIS WITH PYTHON

STUDENTS ASSESMENT MARK LIST [I YEAR]: **DATE:09.03.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	MARKS
1	420318104001	ABITHA A	A
2	420318104002	AMIRTHALAKSHMI V	B
3	420318104003	ANANDHI S	A+
4	420318104004	BHUVANESHWARI G	O
5	420318104005	GIRIPRASATH K	B
6	420318104007	GUNASEELAN G7	B+
7	420318104008	KAVITHENDRAL K	O
8	420318104009	KAVITHRA K	A
9	420318104010	MANGALAMBIGAI A	A+
10	420318104011	SANTHI J	A
11	420318104012	STEPHEN RAJ R	A
12	420318104013	SUJATHA A	B

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PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

13	420318104014	SWARNALAKSHMI B	B+
14	420318104015	THENNILA	A
15	420318104016	VARADHARAJA PERUMAL L	A
16	420318104017	VIJAYA KUMAR P	B+
17	420318104018	YUVARAJ V	B

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ONE PAGE REPORT

Department:	CSE
Type of Event:	Value added course
Event Title:	Data analysis with python
Date/ Time:	21.01.2019 TO 09.03.2019/5.00 pm to6.00 Pm
Venue :	AREC
Organizer:	AREC–CSE
Coordinator:	Mrs.K.Sathya
Resource person	Dr.K.Venkataramana
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 17 participants on 21.01.2019 TO 09.03.2019 at 05.00 Pm with welcome address and introduction by the co-ordinator **Mrs.K.Sathya,AP/CSE,AREC.** • Resource person **Dr.K.VenkataramanaHOD of department CSE** has cover the basic of the Data analysis with python and they demonstrated each and every concept. • The students will get handson experience in working with Data analysis with python Students really enjoyed the session and learnt a lot. Now **17students** will beable to apply the concept and its application. • **Mrs.T.Geetha, AP/CSE,AREC,**proposed the vote of thanks to the participants and organizers.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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This is to certify that Mr./Ms .....ABITHA.A.....has participated in the 30 days Values added course on "Data analysis with Python" organized by the Department of CSE, A R Engineering college , held on 21.01.2019 to 09.03.2019

HOD

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr. R. PANNEERDHASS M.E., Ph.D.,
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A.R. Engineering College,
Vadakuchipalayam, Kappiyampuliyur Post
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DEPARTMENT OF CSE

PERMISSION LETTER

DATE:13.01.2019

FROM

The HOD
Department Of CSE
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "value added course on 3d modelling in fusion 360" on 21.01.2019 TO 09.03.2019. We request you to grant permission for the same.

Name of the Course: value added course on 3d modelling in fusion 360

Course Co-ordinator : Mrs.S.Vijaya
Assistant professor/Department of CSE
AR Engineering College
Kappiyampuliyur.

Thanking you

K. Sugana
Your's sincierly

ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A. R.ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OFCSE

CIRCULAR

DATE:19.01.2019

The department of computer science engineering has planned to conduct a value added course on 3d modelling in fusion 360for CSE students from21.01.2019 TO 09.03.2019.All the II year students are asked to attend the course.

COURSE DETAILS:

COURSE TITLE	**Value added course on 3d modelling in fusion 360**
Course code	VACCSE106
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	21.01.2019 TO 09.03.2019
Timing	5.00PM TO 6.00 PM
Course Co-Ordinator	Mrs.S.Vijaya
Resource person	Mrs.K.Suguna
Certificate	Yes

HOD

PRINCIPAL

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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A.R ENGINEERING COLLEGE

"VALUE ADDED COURSE ON 3D MODELLING IN FUSION 360"

DEPARTMENT OF CSE

21.01.2019 TO 09.03.2019

Time:5.00 Pm to6.00 Pm

Co-ordinator:

Mrs.S.Vijaya

AP/Department of CSE

Resource Person:

Mrs.K.Suguna

HOD/Department of CSE

Surya group of institution

villupuram

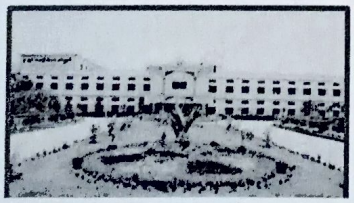
Organized by

DEPARTMENT OF CSE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,

Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Uderstand the fundamental concepts,and benefits of 3D design using fusion 360
- Locate and navigate the fusion 360 user interface and the multiple design and documentation environment.
- Create projects and manage your designs online.

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VALUE ADDED COURSE ON 3D MODELLING IN FUSION 360

21.01.2019 TO 09.03.2019

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registrationlink:

https://arec.addon.course/sign

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON 3D MODELLING IN FUSION 360

DATE:21.01.2019 TO 09.03.2019 HOURS: 30

Course Contents:

SL.NO	TOPICS	DATE	HOUR
1	Overview ,Start Fusion 360	**21.01.2019**	**1 hr**
2	Review the Fusion 360 User Interface ,Create a Box, Add a Hole to the Box	**22.01.2219/23.01.2019/24.01.2019**	**3 hr**
3	Round the Edges of the Box ,Save Your Design	**25.01.2019/28.01.2019/29.01.2019**	**3 hr**
4	Display the Data Panel	**30.01.2019/31.01.2019/01.02.2019/ 02.02.2019**	**4 hr**
5	Use the Timeline, Use the Browser ,Change Workspaces,Use the Navigation Bar	**04.02.2019/05.02.2019/06.02.2019 /05.02.2019**	**4 hr**
6	Use the Mouse,Use the ViewCube ,Hot Keys	**07.02.2019/08.02.2019/09.02.2019**	**3 hr**
7	Start Fusion 360,Attach a Canvas,Create a Sketch Profile of the Lampshade	**25.02.2019/26.02.2019**	**2 hr**
8	Create a Solid Model,Modify the Solid Using Shell,Modify the Physical Material,Modify the Appearance	**27.02.2019/28.02.2019/01.03.2019/ 02.03.2019**	**4 hr**
9	Model the Arm ,Create a Hole in the Lampshade,Create a Hole in the Lampshade	**03.03.2019/04.03.2019**	**2 hr**
10	Create a Hole in the Lampshade Modify the Physical Material and Appearance.	**05.03.2019/06.03.2019/07.02.2019**	**3 hr**
11	Modify the Physical Material and Appearance	**09.03.2019**	**1 hr**
		TOTAL	**30 hrs**

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON 3D MODELLING IN FUSION 360

STUDENTS NAME LIST [II YEAR]: **DATE:21.01.2019 TO 9.03.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420317104004	GOWSALYA R	R. Gowsalya.
2	420317104006	JAYAPRATHA S	Jayaprtha.
3	420317104007	JAYASRI P	P. Jayasri
4	420317104010	MANIKANDAN P	P. Mani
5	420317104012	NIVETHA R	Nivetha
6	420317104015	PREMKUMAR P	PREMKUMAR.P
7	420317104016	PRIYANKA R	Priya
8	420317104018	RABIYA D	D. RABIYA
9	420317104019	RAJESHWARI N	Rajeshwari
10	420317104020	SAKTHIVEL N	Sakthivel.N.

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11	420317104022	SATHISH D	Sathish
12	420317104024	SHALANI S	Shalani
13	420317104027	SUNIL JOSHI V	Sunil
14	420317104028	VALLARASU K	Vallarasu K
15	420317104029	VANISHREE N	Vanishree
16	420317104031	YUVARANI M	Yuvarani
17	420316106002	KALAIYARASI G	Kalaiyarasi G.
18	420316106003	PAVITHRA K	Pavithra K
19	420316106004	SANDHIYA S	S. Sandhiya.
20	420316106005	VIGNESH P	P. Vignesh

Vijaya
COURSE CO-ORDINATOR

HOD

PRINCIPAL

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON 3D MODELLING IN FUSION 360

ATTENDENCE SHEET[II YEAR]: **DATE:21.01.2019 TO 9.03.2019**

TOTAL HOURS: 30 HRS

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.01.2019	22.1.2019	23.1.2019	24.1.2019	25.1.2019	28.1.2019	29.1.2019	30.1.2019	31.1.2019	1.2.2019	2.2.2019	4.2.2019	5.2.2019	6.2.2019	7.2.2019
1	420317104004	GOWSALYA R	R.G	R.G	R.G	R.G	R.G	R.G	R.G	R.G	R.G	R.G	R.G	R.G	R.G	R.G	R.G
2	420317104006	JAYAPRATHA S	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya	Jay	Jay	Jaya	Jay	Jay	Jay	Jay	Jay
3	420317104007	JAYASRI P	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya	P.Jaya
4	420317104010	MANIKANDAN P	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani	Mani
5	420317104012	NIVETHA R	Nive	Nive	Nive	Nive	Nive	Nive	Nive	Nive	Nive	Nive	Nive	Nive	Nive	Nive	Nive
6	420317104015	PREMKUMAR P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P	PREM.P
7	420317104016	PRIYANKA R	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
8	420317104018	RABIYA D	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya	Rabiya

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9	420317104019	RAJESHWARI N															
10	420317104020	SAKTHIVEL N															
11	420317104022	SATHISH D															
12	420317104024	SHALANI S															
13	420317104027	SUNIL JOSHI V															
14	420317104028	VALLARASU K															
15	420317104029	VANISHREE N															
16	420317104031	YUVARANI M															
17	420316106002	KALAIYARASI G															
18	420316106003	PAVITHRA K															
19	420316106004	SANDHIYA S															
20	420316106005	VIGNESH P															

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			8.2.2019	9.2.2019	25.2.2019	26.2.2019	27.2.2019	28.2.2019	1.3.2019	2.3.2019	3.3.2019	4.3.2019	5.3.2019	6.3.2019	7.3.2019	8.3.2019	9.3.2019
1	420317104004	GOWSALYA R															
2	420317104006	JAYAPRATHA S															
3	420317104007	JAYASRI P															
4	420317104010	MANIKANDAN P															
5	420317104012	NIVETHA R															
6	420317104015	PREMKUMAR P															
7	420317104016	PRIYANKA R															
8	420317104018	RABIYA D															
9	420317104019	RAJESHWARI N															
10	420317104020	SAKTHIVEL N															
11	420317104022	SATHISH D															
12	420317104024	SHALANI S															
13	420317104027	SUNIL JOSHI V															

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14	420317104028	VALLARASU K														
15	420317104029	VANISHREE N														
16	420317104031	YUVARANI M														
17	420316106002	KALAIYARASI G														
18	420316106003	PAVITHRA K														
19	420316106004	SANDHIYA S														
20	420316106005	VIGNESH P														

COURSE CO-ORDINATOR

HOD

PRINCIPAL

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON 3D MODELLING IN FUSION 360

STUDENTS ASSESMENT MARK LIST [II YEAR]: **DATE:07.02.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	MARKS
1	420317104004	GOWSALYA R	80
2	420317104006	JAYAPRATHA S	70
3	420317104007	JAYASRI P	81
4	420317104010	MANIKANDAN P	67
5	420317104012	NIVETHA R	69
6	420317104015	PREMKUMAR P	78
7	420317104016	PRIYANKA R	90
8	420317104018	RABIYA D	95
9	420317104019	RAJESHWARI N	70
10	420317104020	SAKTHIVEL N	75
11	420317104022	SATHISH D	76

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14	420317104028	VALLARASU K																		
15	420317104029	VANISHREE N																		
16	420317104031	YUVARANI M																		
17	420316106002	KALAIYARASI G																		
18	420316106003	PAVITHRA K																		
19	420316106004	SANDHIYA S																		
20	420316106005	VIGNESH P																		

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DEPARTMENT OF CSE

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STUDENTS ASSESMENT MARK LIST [II YEAR]: **DATE:07.02.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	MARKS
1	420317104004	GOWSALYA R	80
2	420317104006	JAYAPRATHA S	70
3	420317104007	JAYASRI P	81
4	420317104010	MANIKANDAN P	67
5	420317104012	NIVETHA R	69
6	420317104015	PREMKUMAR P	78
7	420317104016	PRIYANKA R	90
8	420317104018	RABIYA D	95
9	420317104019	RAJESHWARI N	70
10	420317104020	SAKTHIVEL N	75
11	420317104022	SATHISH D	76

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12	420317104024	SHALANI S	86
13	420317104027	SUNIL JOSHI V	85
14	420317104028	VALLARASU K	75
15	420317104029	VANISHREE N	65
16	420317104031	YUVARANI M	71
17	420316106002	KALAIYARASI G	82
18	420316106003	PAVITHRA K	93
19	420316106004	SANDHIYA S	7
20	420316106005	VIGNESH P	67

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DEPARTMENT OF CSE

VALUE ADDED COURSE ON 3D MODELLING IN FUSION 360

STUDENTS ASSESMENT MARK LIST [II YEAR]: **DATE:09.03.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	MARKS
1	420317104004	GOWSALYA R	78
2	420317104006	JAYAPRATHA S	90
3	420317104007	JAYASRI P	95
4	420317104010	MANIKANDAN P	70
5	420317104012	NIVETHA R	75
6	420317104015	PREMKUMAR P	78
7	420317104016	PRIYANKA R	78
8	420317104018	RABIYA D	92
9	420317104019	RAJESHWARI N	79
10	420317104020	SAKTHIVEL N	69
11	420317104022	SATHISH D	78

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12	420317104024	SHALANI S	69
13	420317104027	SUNIL JOSHI V	88
14	420317104028	VALLARASU K	91
15	420317104029	VANISHREE N	85
16	420317104031	YUVARANI M	82
17	420316106002	KALAIYARASI G	85
18	420316106003	PAVITHRA K	96
19	420316106004	SANDHIYA S	85
20	420316106005	VIGNESH P	99

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ONE PAGE REPORT

Department:	CSE
Type of Event:	VALUE ADDED COURSE
Event Title:	3D MODELLING IN FUSION 360
Date & Time:	21.01.2019 TO 09.03.2019/5.00 PM TO 6.00 PM
Venue :	AREC
Organizer:	AREC–CSE
Coordinator:	Mrs.S.Vijaya
Resource person	Mrs.K.Suguna
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 20 participants on 21.01.2019 TO 09.03.2019at 5.00 Pm with welcome address and introduction by the co-ordinator **Mrs.S.Vijaya,AP/CSE,AREC.** • Resource person **Mrs.K.SugunaHOD of department CSE/Surya group of institution** has cover the basic of the3d modelling in fusion 360and they demonstrated each and every concept. • The students will get hands-on experience in working with 3d modelling in fusion 360Students reallyenjoyed the session and learnt a lot. Now **20students** will be able to apply the concept and its applications. • **Mr.M.Danapal, AP/CSE,AREC,**proposed the vote of thanks to the participants and organizers.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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A R ENGINEERING COLLEGE

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Vadakuchipalayam, kappiyampuliyur po, Villupuram 605 601.

This is to certify that Mr./Ms GOWSALYA.R.....has participated in the 30 days Values added course on " 3D Modelling in fusion 360" organized by the Department of CSE, A R Engineering college , held on 21.01.2019 to 09.03.2019

Sugunga
HOD

PRINCIPAL

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

Dr. R. PANNEERDHASS M.E., Ph.D.,
PRINCIPAL
A.R.Engineering College
Vadakuchipalayam, Kappiyampuliyur Post
Villupuram (Dist.)

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DEPARTMENT OF ECE

PERMISSION LETTER

DATE:13.01.2019

FROM

The HOD
Department Of ECE
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "certificate course on Basic communication system" on 21.01.2019 TO 09.03.2019. We request you to grant permission for the same.

Name of the Course: certificate course on communication system

Course-Coordinator : Mr.N.Kalidass

Assistant professor/Department of ECE
AR Engineering College
Kappiyampuliyur.

Thanking you

Your`s sincierly

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

A. R.ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF ECE

CIRCULAR

DATE:19.01.2019

The department of Electronic Communiction and Engineering has planned to conduct a Course title "certificate course on communication system"for ECE students from21.01.2019 TO 09.03.2019.All the I,II,IV year students are asked to attend the course.

COURSE DETAILS:

Course title	CERTIFICATE COURSE ON COMMUNICATION SYSTEM
Course code	VACECE107
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	21.01.2019 TO 09.03.2019
Timing	5.00PM TO 6.00PM
Course Co-Ordinator	Mr.N.Kalidass
Resource person	Dr.K.Gajavarathan
Certificate	Yes

HOD

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A.R ENGINEERING COLLEGE

"CERTIFICATE COURSE ON BASIC COMMUNICATION SYSTEM"

DEPARTMENT OF ECE

21.01.2019 TO 09.03.2019

Time:5.00 pm to6.00 Pm

Co-ordinator:

Mr.N.Kalidass

AP/Department of ECE

Resource Person:

Dr.K.Gajavarathan

HOD/Department of ECE

MRK Engineering college

Organized by

DEPARTMENT OF ECE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- The purposeofa communication system is to transmit an intelligence signal from a source to a destination at some point away from the source.
- A communication system is a model of a communication exchange between two stations,atransmitter,and a receiver.

A.R ENGINEERING COLLEGE

CERTIFICATE COURSE ON BASIC COMMUNICATION SYSTEM"

21.01.2019 TO 09.03.2019

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.addon.course/signi

For more information contact

Course coordinator:9159166467

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DEPARTMENT OF ECE

CERTIFICATE COURSE ON COMMUNICATION SYSTEM

DATE:21.01.2019 **HOURS:30 HRS**

COURSE CONTENT:

SL.NO	TOPICS	DATE	HOUR
1	Introduction to Modulation, Need for Modulation, Ordinary Amplitude Modulation – Modulation index	21.01.2019	1 hr
2	Side bands, AM Power, Double Side Band Suppressed Carrier Modulation, Single Side Band Modulation,	22.01.2219/23.01.2019/24.01.2019	3 hr
3	Vestigial Side Band Modulation, AM demodulation, Applications of AM. Angle Modulation fundamentals,Frequency Modulation – Modulation index and sidebands	25.01.2019/28.01.2019/29.01.2019	3 hr
4	, Narrowband FM, Wideband FM, Principles of Phase Modulation, Frequency Modulation verses Amplitude Modulation.	30.01.2019/31.01.2019/01.02.2019/ 02.02.2019	4 hr
5	FM demodulation, Frequency Division Multiplexing, Applications of FM. **Signal Sampling and Analog Pulse Communication:** Ideal Sampling, Pulse Amplitude Modulation, Pulse Width Modulation.	04.02.2019/05.02.2019/06.02.2019 /05.02.2019	4 hr
6	Pulse Position Modulation. Quantization, Digital Transmission of Data,	07.02.2019/08.02.2019/09.02.2019	3 hr
7	Parallel and Serial Transmission, Data Conversion..	25.02.2019/26.02.2019	2 hr
8	Time Division Multiplexing, Pulse Code Modulation, Delta Modulation	27.02.2019/28.02.2019/01.03.2019/ 02.03.2019	4 hr
9	**Transmission of Binary Data in Communication Systems:** Digital Codes	03.03.2019/04.03.2019	2 hr

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10	Principles of Digital Transmission, Transmission Efficiency	05.03.2019/06.03.2019/07.02.2019	3 hr
11	Modem Concepts and Methods – FSK, BPSK, Error Detection and Correction.	09.03.2019	1 hr
		TOTAL	30 hrs

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DEPARTMENT OF ECE

CERTIFICATE COURSE ON COMMUNICATION SYSTEM

STUDENTS NAME LIST : [I,III,IV-Year] **DATE:21.01.2019 TO 9.03.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420318106001	BALAJI S	Balaji
2	420318106002	HARISHANKAR V	Harishankar.V.
3	420318106003	NARESH KUMAR	Naresh.
4	420318106004	SHAKI P	Shaki.P
5	420318106005	SUVASRI S	SUVASRI.S
6	420318106006	VANISRI S	Vanisri.S
7	420316106001	ASWINI V	V. Aswini
8	420316106002	KALAIYARASI G	Kalaiyarasi-G.
9	420316106003	PAVITHRA K	K. Pavithra
10	420316106004	SANDHIYA S	Sandhiya. S
11	420316106005	VIGNESH P	P. Vignesh

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12		VIGNESH A	Vignesh A.
13		CHANDRU S	S. Chandru.

Kalidass
COURSE CO-ORDINATOR

A.R. ENGINEERING COLLEGE VILLUPURAM 605 601

K. Gajatha
HOD

PRINCIPAL

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DEPARTMENT OF ECE

CERTIFICATE COURSE ON COMMUNICATION SYSTEM

ATTENDENCE SHEET: [I,III,IV-Year] **DATE:21.01.2019 TO 9.03.2019**

TOTAL HOURS: 30 HRS

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.01. 2019	22.1. 2019	23.1. 2019	24.1. 2019	25.1. 2019	28.1. 2019	29.1. 2019	30.1. 2019	31.1. 2019	1.2. 2019	2.2. 2019	4.2. 2019	5.2. 2019	6.2. 2019	7.2. 2019
1	420318106001	BALAJI S	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji
2	420318106002	HARISHANKAR V	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari
3	420318106003	NARESH KUMAR	Nar	Na	Na	Nar	Nar	Nar	Nar	Nar	Nar	Na	Na	Na	Na	Na	Na
4	420318106004	SHAKI P	Sha	Sha	Sha	Sha	Sha	Sha	Sha	Sha	Sha	Sha	Sha	Sha	Sha	Sha	Sha
5	420318106005	SUVASRI S	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su
6	420318106006	VANISRI S	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri	Vanisri
7	420316106001	ASWINI V	Aswini	Aswini	Aswini	Aswini	Aswi	Aswi	Aswi	Aswi	Aswini	Aswini	Aswini	Aswini	Aswini	Aswini	Aswini
8	420316106002	KALAIYARASI G	Kala	Kala	Kala	Kala	Kala	Kala	Kala	Kala	Kala	Kala	Kala	Kala	Kala	Kala	Kala
9	420316106003	PAVITHRA K	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav
10	420316106004	SANDHIYA S	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su

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11	420316106005	VIGNESH P	P. Vignesh	P Vignesh	P Vignesh	P Vignesh	P Vignesh	P Vignesh	P Vignesh	P Vig	P Vi	P V	P Vigne	P Vigne	P Vi	P V	P Vi
12		VIGNESH A															
13		CHANDRU S															

SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			8.2.2019	9.2.2019	25.2.2019	26.2.2019	27.2.2019	28.2.2019	1.3.2019	2.3.2019	3.3.2019	4.3.2019	5.3.2019	6.3.2019	7.3.2019	8.3.2019	9.3.2019
1	420318106001	BALAJI S	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji
2	420318106002	HARISHANKAR V	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari	Hari
3	420318106003	NARESH KUMAR	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
4	420318106004	SHAKI P	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
5	420318106005	SUVASRI S	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri	Suvasri
6	420318106006	VANISRI S	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri	Vansri
7	420316106001	ASWINI V	Aswini	Aswini	Aswini	Aswini	Aswini	Aswini	[signature]	[signature]	Aswini	Aswini	[signature]	[signature]	[signature]	[signature]	[signature]
8	420316106002	KALAIYARASI G	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
9	420316106003	[illegible]THRA K	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]

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10	420316106004	SANDHIYA S														
11	420316106005	VIGNESH P														
12		VIGNESH A														
13		CHANDRU S														

COURSE CO-ORDINATOR

HOD

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DEPARTMENT OF ECE

CERTIFICATE COURSE ON COMMUNICATION SYSTEM

STUDENTS ASSESMENT MARK LIST : [I,III,IV-Year] **DATE:05.02.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	MARKS
1	420318106001	BALAJI S	86
2	420318106002	HARISHANKAR V	75
3	420318106003	NARESH KUMAR	74
4	420318106004	SHAKI P	83
5	420318106005	SUVASRI S	90
6	420318106006	VANISRI S	69
7	420316106001	ASWINI V	79
8	420316106002	KALAIYARASI G	67
9	420316106003	PAVITHRA K	85
10	420316106004	SANDHIYA S	83
11	420316106005	VIGNESH P	74

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PRINCIPAL
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

12		VIGNESH A	90
13		CHANDRU S	87

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DEPARTMENT OF ECE

CERTIFICATE COURSE ON COMMUNICATION SYSTEM

STUDENTS ASSESMENT MARK LIST : [I,III,IV-Year] **DATE:09.03.2019TOTAL**

HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	MARKS
1	420318106001	BALAJI S	92
2	420318106002	HARISHANKAR V	77
3	420318106003	NARESH KUMAR	89
4	420318106004	SHAKI P	73
5	420318106005	SUVASRI S	78
6	420318106006	VANISRI S	92
7	420316106001	ASWINI V	82
8	420316106002	KALAIYARASI G	77
9	420316106003	PAVITHRA K	59
10	420316106004	SANDHIYA S	67
11	420316106005	VIGNESH P	88

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12		VIGNESH A	79
13		CHANDRU S	80

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

ONE PAGE REPORT

Department:	ECE
Type of Event:	CERTIFICATE COURSE
Event Title:	BASIC COMMUNICATION SYSTEM
Date & Time:	21.01.2019 TO 09.03.2019/5.00pm to 6.00 pm
Venue :	AREC
Organizer:	AREC–ECE
Coordinator:	Mr.N.Kalidass
Resource person:	Dr.K.Gajavarathan
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 13 participants on 21.01.2019 TO 09.03.2019at 5.00 pm with welcome address and introduction by the co-ordinator Mr.N.Kalidass **,AP/ECE,AREC.** • Resource person Dr.K.Gajavarathan HOD DEPARTMENT OF ECE MRK Engineering college has cover the basic of the Communication system and they demonstrated each and every concept. • The students will get hands-on experience in Communication system Students reallyenjoyed the session and learnt a lot. Now 13**students** will be able to apply the concept and its application. • **Mr.P.Ramesh , AP/ECE,AREC,**proposed the vote of thanks to the participants and organizers.

A.R.ENGINEERING COLLEGE VILLUPURAM 605 601

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Vadakuchipalayam, kappiyampuliyur po, Villupuram 605 601.

This is to certify that Mr./Ms .....BALAJI. S.....has participated in the 30 days Certificate course on "basic communication system" organized by the Department of ECE, A R Engineering college , held on 21.01.2019 to 09.03.2019

HOD

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Villupuram-605 601.

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF ECE

PERMISSION LETTER

DATE:13.01.2019

FROM

The HOD
Department of ECE
AR Engineering college
Kappiyampuliyur.

TO

The principal
AR Engineering college
Kappiyampuliyur.

SUB : Seeking permission to conduct Value added course.

Respected Sir,

We are planning to conduct "certificate course on supervisory control and data acquisition (scada)" on 21.01.2019 TO 09.03.2019. We request you to grant permission for the same.

Name of the Course: Certificate course on supervisory control and data acquisition (scada)

Course-Coordinator : Mr.P.Ramesh

Assistant professor/Department of ECE
AR Engineering College
Kappiyampuliyur.

Thanking you

Your`s sincierly

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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DEPARTMENT OFECE

CIRCULAR

The department of Electronic Communiction and Engineering has planned to conduct a Course title "certificate course on supervisory control and data acquisition (scada)"for ECE students at seminar hall-II from21.01.2019 TO 09.03.2019. All the II year students are asked to attend the course.

COURSE DETAILS:

Course title	Certificate course on supervisory control and data acquisition (SCADA)
Course code	VACECE108
Course duration	30-HOURS
Beneficiaries	Students & Faculty members
Schedule	21.01.2019 TO 09.03.2019
Timing	5.00 PM-6.00PM
Course Co-Ordinator	Mr.P.Ramesh
Resource person	Dr.V.Gajendra kumar
Certificate	Yes

HOD

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A.R ENGINEERING COLLEGE

" CERTIFICATE COURSE on SUPERVISORY CONTROL ANDDATA ACQUISITION"

Department of ECE

21.01.2019 TO 09.03.2019

Time:5.00 PM TO 6.00 Pm

Co-ordinator:

Mr.P.Ramesh

AP/Department of ECE

Resource Person:

Dr.V.Gajendra kumar

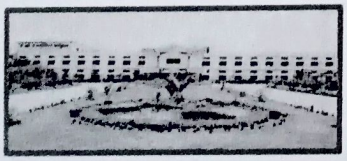
HOD/Department of ECE

Organized by

DEPARTMENT OF ECE

A.R ENGINEERING COLLEGE

Kappiyampuliyur,
Villupuram 605 601



ELIGIBILITY&REGISTRATION

No registration fee.

There is no Registrationfee from any participant. On completion of the program on all the days, participants will be awarded a Certificate of participation.

CERTIFICATION

E-Certificates will be issued to those participants who attend all the sessions of the program.

Objectives of the course:

- Understand the fundamental of SCADA system.
- Increase knowledge of the key industrial communication protocols.
- Learn and discover how to set up industrial data communications networks.

A.R ENGINEERING COLLEGE

CERTIFICATE COURSE ON SUPERVISORY CONTROL AND DATA ACQUISITION

21.01.2019 TO 09.03.2019

Registration form

Name:

Designation:

College:

Branch:

Address:

WhatsappNo:

E-mail:

Signature of the participant:

Date:

Place:

Registration link:

https://arec.in/addon-courses/sign-up

For more information contact

Course coordinator:9159166467

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Vadakuchipalayam, Kappiyampuliyur post,Villupuram-605601,Tamilnadu.

DEPARTMENT OF ECE

CERTIFICATE COURSE ON SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

DATE:21.01.2019 TO 09.03.2019 HOURS:30

COURSE CONTENT:

SL.NO	TOPICS	DATE	HOUR
1	Introduction	21.01.2019	1 hr
2	SCADA Functions-Supervisory Control -Data Acquisition- Real Time Database-Graphical Operator Interface-Alarm Processing-Data Historian/Strip Chart Trending-Map board Interface-Control Strategy	22.01.2219/23.01.2019/24.01.2019	3 hr
3	Control Center– Supervisory control and data acquisition– Balance generation and demand (dispatching)	25.01.2019/28.01.2019/29.01.2019	3 hr
4	Localized (Power Plants, Substations)– Feedback controls (e.g., governors, voltage regulators)SCADA Principles of Operation	30.01.2019/31.01.2019/01.02.2019/ 02.02.2019	4 hr
5	Interface with Physical Devices– Remote terminal unit (RTU)– Intelligent electronic device (IED)– Programmable logic controller (PLC)	04.02.2019/05.02.2019/06.02.2019 /05.02.2019	4 hr
6	Communications– Directly wired (typical for shorter distances)– Power line carrier (less common)– Microwave (very frequently used)– Radio (VHF, spread spectrum)– Fiber optic (gaining popularity)Energy Management System(EMS) Functions	07.02.2019/08.02.2019/09.02.2019	3 hr
7	Control– Automatic Generation Control (AGC)– Voltage Control– Interchange	25.02.2019/26.02.2019	2 hr

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	Transaction Scheduling– Load Shedding & Restoration (including specialstability controls)		
8	Analysis – State Estimation/Contingency Analysis– Economic Dispatch– Short Term Load Forecasting Key Technology Drivers	27.02.2019/28.02.2019/01.03.2019/ 02.03.2019	4 hr
9	Open architectures andprotocols,Microprocessor-based field equipment– "smart" sensors and controls	03.03.2019/04.03.2019	2 hr
10	Convergence of operating systems, Ubiquitous communications– cheaper, better, faste,SCADA Protocols (Partial List!) ANSI X3.28-BBC 7200- CDC Types 1 and	05.03.2019/06.03.2019/07.02.2019	3 hr
11	SCADA Protocols (Partial List!) ANSI X3.28-BBC 7200- CDC Types 1 and Type II	09.03.2019	1 hr
		TOTAL	30 hrs

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CERTIFICATE COURSE ON SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

STUDENTS NAME LIST : [II & III Year] **DATE:21.01.2019 TO 9.03.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	420317106001	ABISHA N	
2	420317106004	DHANALAKSHMI T	
3	420317106006	JAMUNA S	
4	420317106007	KASTHURI S	
5	420317106008	KEERTHANAVATHI R	
6	420317106009	KOWSALYA R	
7	420317106011	NARMADHA N	
8	420317106013	PREMALATHA S	
9	420317106014	SUGASHINI N	
10	420317106015	SUNITHA K	
11	420317106019	VIJAY M	
12	420317106301	PARTHIBAN P	

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DEPARTMENT OF ECE

CERTIFICATE COURSE ON SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

ATTENDENCE SHEET: [II & III Year] **DATE:21.01.2019 TO 9.03.2019**

TOTAL HOURS: 30 HR

SL. NO	REG NO	NAME OF THE STUDENT	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			21.01.2019	22.1.2019	23.1.2019	24.1.2019	25.1.2019	28.1.2019	29.1.2019	30.1.2019	31.1.2019	1.2.2019	2.2.2019	4.2.2019	5.2.2019	6.2.2019	7.2.2019
1	420317106001	ABISHA N															
2	420317106004	DHANALAKSHMI T															
3	420317106006	JAMUNA S															
4	420317106007	KASTHURI S															
5	420317106008	KEERTHANAVATHI R															
6	420317106009	KOWSALYA R															
7	420317106011	LADHA N															

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8	420317106013	PREMALATHA S														
9	420317106014	SUGASHINI N														
10	420317106015	SUNITHA K														
11	420317106019	VIJAY M	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
12	420317106301	PARTHIBAN P														

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SL. NO	REG NO	NAME OF THE STUDENT	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
			1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr	1hr
			8.2.2019	9.2.2019	25.2.2019	26.2.2019	27.2.2019	28.2.2019	1.3.2019	2.3.2019	3.3.2019	4.3.2019	5.3.2019	6.3.2019	7.3.2019	8.3.2019	9.3.2019
1	420317106001	ABISHA N															
2	420317106004	DHANALAKSHMI T															
3	420317106006	JAMUNA S															
4	420317106007	KASTHURI S															
5	420317106008	KEERTHANAVATHI R															
6	420317106009	KOWSALYA R															
7	420317106011	NARMADHA N															
8	420317106013	PREMALATHA S															
9	420317106014	SUGASHINI N															
10	420317106015	SUNITHA K															
11	420317106019	VIJAY M															
12	420317106301	PARTHIBAN P															

COURSE CO-ORDINATOR

HOD

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DEPARTMENT OF ECE

CERTIFICATE COURSE ON SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

STUDENTS ASSESMENT MARK LIST : [II & III Year] **DATE:27.01.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	MARKS
1	420317106001	ABISHA N	69
2	420317106004	DHANALAKSHMI T	78
3	420317106006	JAMUNA S	84
4	420317106007	KASTHURI S	63
5	420317106008	KEERTHANAVATHI R	58
6	420317106009	KOWSALYA R	64
7	420317106011	NARMADHA N	61
8	420317106013	PREMALATHA S	62
9	420317106014	SUGASHINI N	72
10	420317106015	SUNITHA K	84
11	420317106019	VIJAY M	86
12	420317106301	PARTHIBAN P	89

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CERTIFICATE COURSE ON SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

STUDENTS ASSESMENT MARK LIST : [II & III Year] **DATE:09.03.2019**

TOTAL HOURS: 30 HRS

S.NO	REG.NO	STUDENT NAME	MARKS
1	420317106001	ABISHA N	76
2	420317106004	DHANALAKSHMI T	87
3	420317106006	JAMUNA S	88
4	420317106007	KASTHURI S	73
5	420317106008	KEERTHANAVATHI R	85
6	420317106009	KOWSALYA R	74
7	420317106011	NARMADHA N	68
8	420317106013	PREMALATHA S	72
9	420317106014	SUGASHINI N	82
10	420317106015	SUNITHA K	92
11	420317106019	VIJAY M	78
12	420317106301	PARTHIBAN P	86

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ONE PAGE REPORT

Department:	ECE
Type of Event:	CERTIFICATE COURSE
Event Title:	SUPERVISORY CONTROL ANDDATA ACQUISITION (SCADA)
Date & Time:	21.01.2019 TO 09.03.2019/5.00 PM TO 6.00 PM
Venue :	AREC
Organizer:	AREC–ECE
Coordinator:	Mr.P.Ramesh
Resource person:	Dr.V.Gajendra kumar
Details of Participants:	Students and faculty members of AREC
Write-up on Event	• The value added course started with 12 participants on 21.01.2019 TO 09.03.2019at 5.00 Pm with welcome address and introduction by the co-ordinator**Mr.P.Ramesh ,AP/ECE,AREC.** • Resource person Dr.V.Gajendra kumar HOD DEPARTMENT OF ECE has cover the basic of theSupervisory control anddata acquisition (scada)and they demonstrated each and every concept. • The students will get hands-on experience in working with SCADA Students reallyenjoyed the session and learnt a lot. Now 12**students** will be able to apply the concept and its application. • **Ms.S.Pushpa, AP/ECE,AREC,** proposed the vote of thanks to the participants and organizers.

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This is to certify that Mr./Ms ...ABISHA.N.....has participated in the 30 days Certificate course on "supervisory control and data Acquisition" organized by the Department of ECE, A R Engineering college , held on 27.3.2023 to 09.6.2023

V. Gaja
HOD

PRINCIPAL

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