

# MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi | Accredited by NBA & NAAC

Affiliated to Anna University, Chennai

Rasipuram - 637 408, Namakkal Dt., Tamil Nadu.



Estd. 2000

Technology Learning Centre  
(TLC)

Biochemical  
Group

2020 - 21

**Value Added Course**

on

**Bioinformatics  
Applications in  
Drug Discovery**

VASD200139



Resource Person

**Dr. V. THIVAHARAN**

Associate Professor  
Manipal Institute of Technology  
Manipal

Event Coordinator

**B. PRASANNA**

Assistant Professor  
Department of Biotechnology

✉ prasanna.b.biotech@mec.edu.in

☎ 82029 24326

Course Content

Introduction on Bioinformatics |  
Drug Targets and Rational Drug  
discovery | Computer-aided drug  
design | Types of drug design |  
Applications in Bioinformatics  
drugs

Date

**09.11.2020 to 13.11.2020**

(40 Hours)

Attested

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VASD200160

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2020 - 21

## Value Added Course on Challenges and Solutions in Petroleum Industry

15.03.2021 to 26.03.2021

(30 Hours)

Technology Learning Centre  
(TLC)

Zero Carbon Building  
Group

### Course Content

- Introduction on Challenges and Solutions in PI
- Reducing costs to remain competitive
- Improving performance to ensure the valorization of assets
- Improving the Environmental footprint
- To meet increasingly stringent standard

### Resource Person

**Dr. R. PONMURUGAN**

Associate Professor  
Bharathiyar University  
Coimbatore

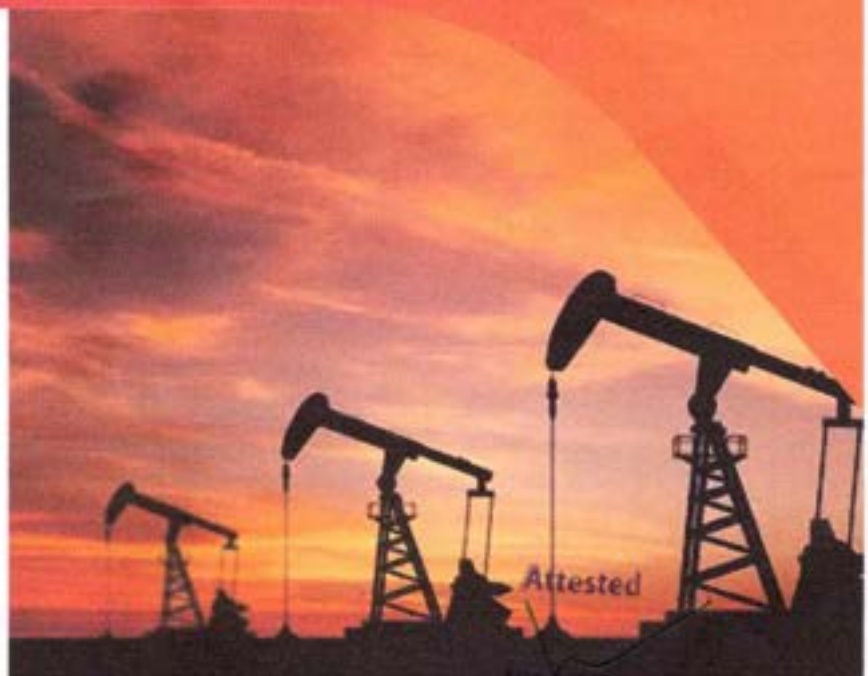
### Event Coordinator

**Mrs. R. SELVAPRIYA**

Assistant Professor  
Dept. of Chemical Engineering

✉ selvapriya.r.chemical@mec.edu.in

☎ 7397709006



Attested

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VASD200147

2020 - 21

## Value Added Course

on

## Marine Biotechnology Role of Sea Weeds in Medical Applications

23.02.2021 to 27.02.2021

(35 Hours)

Resource Person

**Mr. CARAL DINESH**

Senior Executive

Syngene International Ltd.

Bangalore

Event Coordinator

**Dr. G. PRATAP KUMAR**

Assistant Professor

Department of Biotechnology

✉ pratapkumar.g.biotech@mec.edu.in

☎ 9751073379

Technology Learning Centre  
(TLC)

**BIOCHEMICAL**  
Group

Course Content

- Introduction on Marine Biotechnology
- Novel industrial enzymes
- Drug delivery systems
- New chemical compounds



Attested

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2020 - 21

VASD200105

## Value Added Course

on

## Fundamentals of Low - Power VLSI Design



05.10.2020 to 14.10.2020  
(40 Hours)

Resource Person

**Dr. T. KOWSALYA**

Professor

Muthayammal Engineering College  
Rasipuram

Event Coordinator

**Dr. K. RADHIKA**

Professor

Department of ECE

✉ radhika.k.ece@mec.edu.in

☎ 9894916389

Technology Learning Centre  
(TLC)

**VLSI Group**

### Course Content

- Introduction on Low - Power VLSI Design
- Need for low power design and its Impacts
- Design methodology and Temperature Reduction
- Power reduction Technology and Methods
- Applications of Low - Power VLSI

Attested



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VASD200101

2020 - 21

## Value Added Course

on

## IT Cyber Security and Information Assurance

05.10.2020 to 10.10.2020

(30 Hours)

Technology Learning Centre  
(TLC)

**CYBER SECURITY**  
Group

### Resource Person

**Mr. R. VINOTH**

Solutions Architect  
Busy Hubs Pvt. Ltd.  
Chennai

### Event Coordinator

**Ms. R.KAVISHREE**

Assistant Professor  
Department of CSE

✉ kavishree.r.cse@mec.edu.in

☎ 7339441480

### Course Content

- Introduction on CS and IA
- Importance and Elements of CS
- Working benefits and Automation used in CS
- Different types of CS threats and challenges
- CS vendors, Tools and Career opportunities in CS

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2020 - 21

## Value Added Course

on

## IOT Architecture and Protocols

18.11.2020 to 26.11.2020

(40 Hours)

Technology Learning Centre  
(TLC)

IOT Group

Resource Person

**Mr. MADHAN CHANDRASEKARAN**

Project Leader

Tek System Alligies Group

Chennai

Event Coordinator

**Mr. V. KARUPPUSAMY**

Assistant Professor

Department of CSE

✉ karuppusamy.v.cse@mec.edu.in

☎ 9976139701



### Course Content

- Introduction on IOT
- IoT Architectural Reference Models
- Networking technologies and virtualization
- Wireless networks for IoT and Cloud
- Application and SMART cities

VASD200103

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2020 - 21

VASD200110

## Value Added Course

on

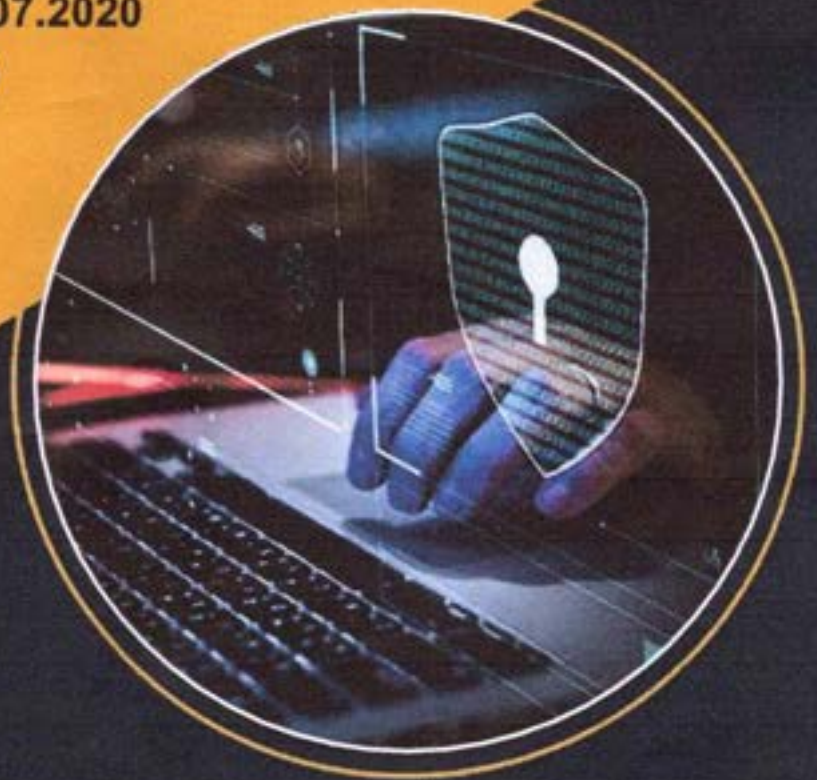
## Cyber Law and Ethics

13.07.2020 to 18.07.2020

(30 Hours)

Technology Learning Centre  
(TLC)

**CYBER SECURITY**  
Group



Resource Person

**Mr. VIMAL MANI**

Head Information Security

Bank of Sharjah

United Arab Emirates

Event Coordinator

**Dr. J. PREETHA**

Professor

Department of CSE

✉ preetha.j.cse@mec.edu.in

☎ 9486595944

### Course Content

- Introduction on Cyber Law and Ethics
- Information Technology Act
- Cyber Law and Related Legislation
- Electronic Business and Legal Issues
- Significance of cyber Ethics

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2020 - 21

## Value Added Course

on

### IoT in Automobile

08.09.2020 to 16.09.2020

(40 Hours)

VASD200114

#### Course Content

- Introduction on IoT in Automobile
- Fleet Management and Connected Car
- Automotive Maintenance System
- Autonomous Vehicle
- In-vehicle Infotainment and Telematics

#### Resource Person

**Mr. R.MARUTHUPANDIYAN**

Senior Software Engineer

Infosys

Mysore

#### Event Coordinator

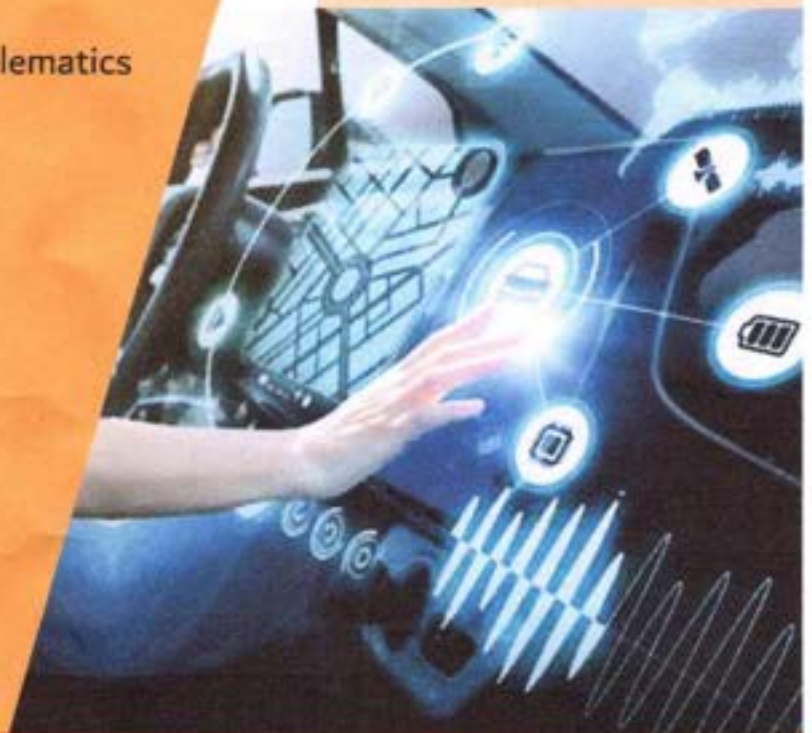
**Mr. V. KARUPPUSAMY**

Assistant Professor

Department of CSE

Technology Learning Centre  
(TLC)

Internet of Things  
Group



✉ karuppusamy.v.cse@mec.edu.in ☎ 9976139701

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VASD200104

2020 - 21

## Value Added Course

on

## Application of Smart Sensors

08.02.2021 to 13.02.2021

(30 Hours)

Technology Learning Centre  
(TLC)

**SMART SENSOR**  
Group



Resource Person

**Dr. T.R. GANESH BABU**

Professor

Muthayammal Engineering College  
Rasipuram

Event Coordinator

**Dr. R. PRAVEENA**

Associate Professor  
Department of ECE

✉ praveena.rece@mec.edu.in

☎ 9790343138

### Course Content

- Introduction on Smart Sensor System
- Smart Sensors in nature
- Principles of Sensing, Classification
- Terminology of Sensors.
- Electronic Interface and Integrated Sensors
- Micro/Nanofabrication and Applications

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TLC

TECHNOLOGY LEARNING CENTRE

VASD

CIVIL

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLcG)	WASTE MANAGEMENT GROUP	
2.	Course Code	VASD200125	
3.	Title of the Course	Building Planning and Vasthu	
4.	Collaborating / Sponsoring Agency	Management / Technology Learning Centre	
5.	Duration	01.02.2021 to 06.02.2021	
6.	No. of Days/Hours	6 Days / 30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Mr.M.HARIKARAN
		Designation	Assistant Professor
		Address	Mahendra Engineering College
		Contact No.	+91 9751051234
		Mail id	mhk91karan@gmail.com
8.	Students Participated in the Course (List is to be attached)	20	
9.	Budget Utilized (Attach Details in Annexure)	10,000/-	
10.	Outcome of the Course	<ul style="list-style-type: none"><li>➤ To create awareness of the traditional knowledge systems and their relevance in modern architectural practice.</li><li>➤ To understand the various theoretical and practical aspects of Vasthu.</li></ul>	

*N. Jeyapalan*  
7/10/21  
Course Coordinator

*[Signature]*  
7/10/21  
HOD

*[Signature]*  
7/10/21  
Dean-TL

*[Signature]*  
Principal

Attested

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TECHNOLOGY LEARNING CENTRE

VASD

CIVIL

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## Course Proposal

1.	Name of the Group (TLcG)	WASTE MANAGEMENT GROUP
	Collaborating / Sponsoring Agency	Management /Technology Learning Centre
2.	Duration (in Hours)	01.02.2021 to 06.02.2021 (30 Hours)
3.	Title of the Course	Building Planning and Vasthu
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Mr.M.Harikaran Designation : Assistant Professor Address : Mahendra Engineering college Contact No : +91 9751051234 Mail Id : mhk91karan@gmail.com
5.	No.of Students Participants Expected	20
6.	Proposed Budget ( Attach Details in Annexure)	10,000/-
7.	Coordinator of the Course	Name :Mrs.M.Sanchaya Designation : Assistant professor/Civil Contact No :9489000643

*H. Suresh*  
Course Coordinator

*[Signature]*  
HoD

Approved/Not Approved  
*[Signature]*  
Dean-TL

*[Signature]*  
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**Technology Learning Group (TLeG)**

**50G21-WASTE MANAGEMENT GROUP**

**SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VASD) COURSES**

Group Lead: Mrs.M.Sanchaya\*

CourseDuration:30Hours

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	01.02.2021 (F.N)	Hour-1	Introduction of Vasthu,	Mr.M.Harikaran Assistant Professor/Civil Mahendra Engineering college
2	01.02.2021 (F.N)	Hour-2	Significance of Eight Directions	
3	01.02.2021(A.N)	Hour-3	Few Basic Principles of Vastu Shastra	
4	01.02.2021 (A.N)	Hour-4, 5	Auspicious Directions as per Vastu Shastra	
5	01.02.2021 (A.N)	Hour-6, 7	Gateway (entrance) of the House	
6	02.02.2021(F.N)	Hour-8	Building Bye laws	
7	02.02.2021 (F.N)	Hour-9	Floor space Index	
8	02.02.2021 (F.N)	Hour-10	Specification of joineries	
9	02.02.2021(A.N)	Hour-11	Floor area Ratio	
10	02.02.2021(A.N)	Hour-12	National building code	
11	03.02.2021 (F.N)	Hour-13, 14	Types of Buildings	
12	03.02.2021 (F.N)	Hour-15, 16	Regulations for coastal structures	
13	03.02.2021 (F.N)	Hour-17, 18	Specifications for Institutional Buildings	
14	03.02.2021 (A.N)	Hour-19	Open space requirements	

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15	03.02.2021 (A.N)	Hour-20, 21	Parking space requirements
16	04.02.2021 (F.N)	Hour-22, 23	Vasthu for double bedroom house
17	04.02.2021 (A.N)	Hour-24	Dimensions as per vasthu
18	05.02.2021 (F.N)	Hour-25	Vasthu for Commercial shops
19	05.02.2021 (A.N)	Hour-27	Planning as per Bye laws
20	06.02.2021 (F.N)	Hour-28	Planning regulations for Theatres, Shops
21	06.02.2021 (A.N)	Hour-29, 30	Practice session and conclusion

*M. Suresh*  
6/2/21  
Course Coordinator

*[Signature]*  
6/2/21  
HoD

*[Signature]*  
6/2/21  
Dean

*[Signature]*  
Principal

Attested

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TLC

## TECHNOLOGY LEARNING CENTRE

VASD

CIVIL

2020-21

Course Code :VASD200125

Course Title :Building Planning and Vasthu

### Participants List:

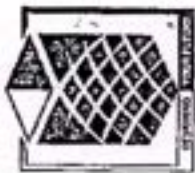
S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	01/02	02/02	03/02	04/02	05/02	06/02
1	18CE001	ANITHA M	III/VI	CIVIL	Aish	Aish	Aish	Aish	Aish	Aish
2	18CE002	ARULSRI S P	III/VI	CIVIL	Arul	Arul	Arul	Arul	Arul	Arul
3	18CE003	ARUNKUMAR V S	III/VI	CIVIL	Arun	Arun	Arun	Arun	Arun	Arun
4	18CE004	CHERAN K	III/VI	CIVIL	Cheran	Cheran	Cheran	Cheran	Cheran	Cheran
5	18CE005	DINESHKUMAR G	III/VI	CIVIL	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
6	18CE008	GOWSALYA M	III/VI	CIVIL	Gowsha	Gowsha	Gowsha	Gowsha	Gowsha	Gowsha
7	18CE009	GOWSHALYA P	III/VI	CIVIL	Gowsha	Gowsha	Gowsha	Gowsha	Gowsha	Gowsha
8	18CE010	KARTHIKEYAN P S	III/VI	CIVIL	Karthi	Karthi	Karthi	Karthi	Karthi	Karthi
9	18CE011	KERUTHIGA V	III/VI	CIVIL	Keruthi	Keruthi	Keruthi	Keruthi	Keruthi	Keruthi
10	18CE012	MAHESHKUMAR A	III/VI	CIVIL	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh
11	18CE013	MANJULA SAI SRI HARSHA	III/VI	CIVIL	Manjula	Manjula	Manjula	Manjula	Manjula	Manjula
12	18CE015	PRAVEEN RAJ S	III/VI	CIVIL	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen
13	18CE017	RAMATHI J	III/VI	CIVIL	Ramathi	Ramathi	Ramathi	Ramathi	Ramathi	Ramathi
14	18CE018	RAVIKUMAR R	III/VI	CIVIL	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar
15	18CE019	SENTHIL KUMAR P	III/VI	CIVIL	Senhil	Senhil	Senhil	Senhil	Senhil	Senhil
16	18CE020	SOMALA YASWANTH KALYAN	III/VI	CIVIL	Somala	Somala	Somala	Somala	Somala	Somala
17	18CE021	SRI AATHAVA G	III/VI	CIVIL	Sri Aathava	Sri Aathava	Sri Aathava	Sri Aathava	Sri Aathava	Sri Aathava
18	18CE022	SUGANTH R S	III/VI	CIVIL	Suganth	Suganth	Suganth	Suganth	Suganth	Suganth
19	18CE023	VELLA NARASIMHA NAIDU	III/VI	CIVIL	Vella	Vella	Vella	Vella	Vella	Vella
20	18CE024	VETRIVEL S	III/VI	CIVIL	Vetrivel	Vetrivel	Vetrivel	Vetrivel	Vetrivel	Vetrivel

*N. Jeyaraj*  
Course Coordinator

*[Signature]*  
Principal

*[Signature]*  
Dean -TL

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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD...202125.....

## Certificate of Merit

C.No. : VASD..202125/08.....

This is to certify that Mr. / Ms. ....

P. S. KARTHIKEYAN.....

Department of .....

CIVIL ENGINEERING.....

successfully completed the VASD Course on ..... Building ..... planning and Vasthu .....

during ..21.2.21 to 6.2.21... conducted by the Technology Learning Centre of the Institution.

M. Suresh  
Course Co-ordinator

HOD

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Principal



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Rasipuram - 637 408. Namakkal Dt., Tamil Nadu

Estd. 2000



Course Code : VASD...2.0.0.1.2.5..... C.No. : VASD.2.00.1.2.5.../13.....  
**Certificate of Merit**

This is to certify that Mrs. / Ms. ..... J. RAMATHI .....

Department of ..... CIVIL ENGINEERING .....

successfully completed the VASD Course on Building planning and Vasthu .....

during 21.2.21 to 6.2.21..... conducted by the Technology Learning Centre of the Institution.

M. Suresh  
Course Co-ordinator

**Attested**  
[Signature]  
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RASIPURAM, 637 408, TAMIL NADU  
[Signature]  
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**TLC**

**TECHNOLOGY LEARNING CENTRE**

**VASD**

**CIVIL**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLcG)	WASTE MANAGEMENT GROUP	
2.	Course Code	VASD200127	
3.	Title of the Course	Advanced In Steel Work Design and Inspection Training	
4.	Collaborating / Sponsoring Agency	Management / Technology Learning Centre	
5.	Duration	22.02.2021 to 26.02.2021	
6.	No. of Days/Hours	5 Days / 40 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	T.Senthilraja
		Designation	Managing Director
		Address	Green CAD Tech, Rasipuram.
		Contact No.	9500245002
		Mail id	greencadtech@gmail.com
8.	Students Participated in the Course (List is to be attached)	47	
9.	Budget Utilized (Attach Details in Annexure)	10,000/-	
10.	Outcome of the Course	<ul style="list-style-type: none"><li>➤ To create awareness of Steel Work Design and Inspection Training</li><li>➤ To understand the Advanced In Steel Work Design and Inspection Training.</li></ul>	

*M. R. [Signature]*  
Course Coordinator

*[Signature]*  
HoD

*[Signature]*  
Dean-TL

*[Signature]*  
Principal

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(AUTONOMOUS)  
RASIPURAM-637 408, NAMAKKAL Dist.,  
TAMILNADU.

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TAMILNADU



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TLC

## TECHNOLOGY LEARNING CENTRE

VASD

CIVIL

### VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

### Course Proposal

1.	Name of the Group (TLeG)	WASTE MANAGEMENT GROUP
	Collaborating / Sponsoring Agency	Management /Technology Learning Centre
2.	Duration (in Hours)	22.02.21 to 26.02.21 (40 Hours)
3.	Title of the Course	Advanced In Steel Work Design and Inspection Training
4.	Details of the Expert (Attach separate sheet if more than one)	Name : T.Senthilraja, Designation : Managing Director, Address : Green CAD Tech, Rasipuram, Contact No : 9500245002 Mail Id : greencadtech@gmail.com
5.	No.of Students Participants Expected	47
6.	Proposed Budget ( Attach Details in Annexure)	10,000/-
7.	Coordinator of the Course	Name :Mr.M.Gopinath Designation : Assistant professor/Civil Contact No :+919994823361

*M. P. M.*  
Course Coordinator

*[Signature]*  
HoD

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*[Signature]*  
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**TAMILNADU.**

*[Signature]*  
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Technology Learning Group (TLeG)

50G21-WASTE MANAGEMENT GROUP

SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VASD) COURSES

Group Lead: Mr.M.Gopinath \*

Course Duration: 40Hours

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	22.02.2021 (F.N)	Hour-1,2,3,4	Introduction, Available steel grades and sections	T.Senthilraja, Managing Director Green CAD Tech, Rasipuram.
3	22.02.2021(A.N)	Hour-5,6,7,8	Codes of practice for design, Design of tension members.	
5	23.02.2021 (F.N)	Hour-1,2,3,4	Design of compression members, Design of Beams	
6	23.02.2021(A.N)	Hour-5,6,7,8	Design of Beam-Columns	
7	24.02.2021 (F.N)	Hour-1,2,3,4	Bolted connections design, Welded connections design	
8	24.02.2021 (A.N)	Hour-5,6,7,8	Earthquake resistant design, Fabrication and erection of steel	
9	25.02.2021(F.N)	Hour-1,2,3,4	Rigidly connected frames, Plane trusses, Space trusses	
10	25.02.2021(A.N)	Hour-5,6,7,8	Analysis of steel structures, Design of steel structures, Pre-engineered sections design	
11	26.02.2021 (F.N)	Hour-1,2,3,4	Case study, Design of composite beams.	
12	26.02.2021 (A.N)	Hour-5,6,7,8	Design of built-up beams, Preparation of fabrication and erection shop-drawings, Specifying structural steel	

  
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## TECHNOLOGY LEARNING CENTRE

VASD

CIVIL

2020-21

Course Code :VASD200127

Course Title :Advanced In Steel Work Design and Inspection Training

### Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	22/02	23/02	24/02	25/02	26/02
1	17CE001	AARTHI J	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
2	17CE003	ANUPRIYA G	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
3	17CE004	ARUN PRAKASH S	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
4	17CE005	ASHOK KUMAR A	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
5	17CE006	CHANDRA MOHAN S	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
6	17CE007	GOKULANAND S	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
7	17CE008	GOKULRAJ P	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
8	17CE009	HARSHAR AS	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
9	17CE010	JAGADEESH R	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
10	17CE011	JANANI R	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
11	17CE015	KEERTHIRAJ K	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
12	17CE016	KISHOREKUMAR K	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
13	17CE017	MALINI M	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
14	17CE018	MOUNESHWARAN G	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
15	17CE019	NARMATHA M	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
16	17CE020	NISHANTH R	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
17	17CE022	PREM KANTH R	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
18	17CE023	RAJAN T	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
19	17CE024	SANJAY S	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
20	17CE025	SRINIVAS G	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
21	17CE026	SRINIVASAN R	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
22	17CE027	SUDIPTANAND K	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst
23	17CE028	TAMILMANI S	III/VI	CIVIL	Asst	Asst	Asst	Asst	Asst

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24	17CE030	VALLARASU G	III/VI	CIVIL	Vg	Vg	Vg	Vg	Vg
25	17CE031	VENKATESAN R	III/VI	CIVIL	Vt	Vt	Vt	Vt	Vt
26	17CE032	VENKATESH M	III/VI	CIVIL	Vg	Vg	Vg	Vg	Vg
27	17CE033	VIJAY BALA R	III/VI	CIVIL	Vg	Vg	Vg	Vg	Vg
28	17CE034	VIJAY K	III/VI	CIVIL	Vg	Vg	Vg	Vg	Vg
29	17CE035	VIJAY P	III/VI	CIVIL	Vg	Vg	Vg	Vg	Vg
30	17CE036	YASMIN A	III/VI	CIVIL	Vg	Vg	Vg	Vg	Vg
31	17CE037	INDHUMATHI S	III/VI	CIVIL	N-Vg	N-Vg	N-Vg	N-Vg	N-Vg
32	18CE501	ABDUL RAHMAN M	III/VI	CIVIL	Int	Int	Int	Int	Int
33	18CE503	ARUPUTHARAJ A	III/VI	CIVIL	Ang	Ang	Ang	Ang	Ang
34	18CE504	ASHWIN N	III/VI	CIVIL	Asul	Asul	Asul	Asul	Asul
35	18CE505	DEVARAJ T	III/VI	CIVIL	Dev	Dev	Dev	Dev	Dev
36	18CE506	HARIVIGNESH P	III/VI	CIVIL	Hv	Hv	Hv	Hv	Hv
37	18CE507	JAYAPRAKASHAM A	III/VI	CIVIL	Juv	Juv	Juv	Juv	Juv
38	18CE508	KATHIRAVAN RP	III/VI	CIVIL	Kuv	Kuv	Kuv	Kuv	Kuv
39	18CE509	KEERTHIVARMA S	III/VI	CIVIL	Kuv	Kuv	Kuv	Kuv	Kuv
40	18CE510	MANIKANDAN P	III/VI	CIVIL	Man	Man	Man	Man	Man
41	18CE511	MOHANASUNDARAM K	III/VI	CIVIL	Muv	Muv	Muv	Muv	Muv
42	18CE512	PASUPATHIRAM V	III/VI	CIVIL	Puv	Puv	Puv	Puv	Puv
43	18CE513	PRASANTH M	III/VI	CIVIL	Puv	Puv	Puv	Puv	Puv
44	18CE514	RAGUL S	III/VI	CIVIL	Ruv	Ruv	Ruv	Ruv	Ruv
45	18CE515	SASIDHARAN R	III/VI	CIVIL	Suv	Suv	Suv	Suv	Suv
46	18CE516	SOUNDAR MS	III/VI	CIVIL	Suv	Suv	Suv	Suv	Suv
47	18CE517	SRIHARI K	III/VI	CIVIL	Suv	Suv	Suv	Suv	Suv

M. S. Srinivasan  
Course Coordinator

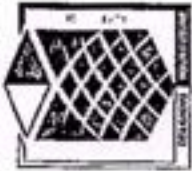
[M. Srinivasan]

(M) 21/1/24  
HoD

(S) 26/1/24  
Dean -TL

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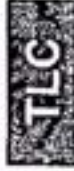
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TECHNOLOGY LEARNING CENTRE  
Value Addition / Skill Development (VASD) Courses (2020 - 2021)



Course Code : VASD.200.127.....

C.No. : VASD.200.127/10.....

## Certificate of Merit

This is to certify that Mr. / Ms. R. JANANI.....

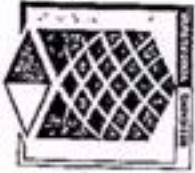
Department of CIVIL ENGINEERING.....

successfully completed the VASD Course on Advanced in Steel Work Design & Inspection Training  
during 2.2.21 - 26.2.21 conducted by the Technology Learning Centre of the Institution.

M. J. Jeyaraj  
Course Co-ordinator

Attested:  
[Signature]  
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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)



Course Code : VASD.....200127.....

C.No. : VASD...200127/23.....

## Certificate of Merit

This is to certify that Mr. / Ms. ....

S. TAMILMANI.....

Department of .....

CIVIL ENGINEERING.....

successfully completed the VASD Course on Advanced in Steel work Design & Inspection Training  
during 22.2.21-26.2.21, conducted by the Technology Learning Centre of the Institution.

*M. S. G.*  
Course Co-ordinator

Attested

*S. S. S.*  
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TAMILNADU)

*[Signature]*  
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**TECHNOLOGY LEARNING CENTRE**

**VASD**

**CIVIL**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLG)	Zero Carbon Building	
2.	Course Code	VASD200163	
3.	Title of the Course	Seismic Rehabilitation of Structures	
4.	Collaborating / Sponsoring Agency	Management / Technology Learning Centre	
5.	Duration	From 08.03.21 to 12.03.21	
6.	No. of Days/Hours	30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr.S.Evany Nithya
		Designation	Assistant Professor,
		Address	Department of Civil Engineering, Anna University College of Engineering (BIT campus) Trichy.
		Contact No.	9486928096
		Mail id	evanynithya@aubit.edu.in
8.	Students Participated in the Course (List is to be attached)	31	
9.	Budget Utilized (Attach Details in Annexure)	10,000/-	
10.	Outcome of the Course	Students able to understand: <ul style="list-style-type: none"> <li>• Rehabilitation Methods of RC Buildings</li> <li>• Tuned Mass Damper and Slosh Tanks</li> <li>• CFRP and Steel Jacketing</li> <li>• Adding Structural Elements &amp; Dampers</li> <li>• Introduction to Earthquake Effects</li> </ul>	

*[Signature]*  
Course Coordinator

*[Signature]*  
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Attested

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TECHNOLOGY LEARNING CENTRE

VASD

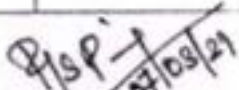
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VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21


**Course Proposal**

1.	Name of the Group (TLG)	Zero Carbon Building
	Collaborating / Sponsoring Agency	Management / Technology Learning Centre
2.	Duration (in Hours)	From 08.03.21 to 12.03.21
3.	Title of the Course	Seismic Rehabilitation of Structures
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Dr.S.Evany Nithya Designation : Assistant Professor, Address : Department of Civil Engineering, Anna University College of Engineering (BIT campus) Tiruchirappalli, Contact No : 9486928096 Mail Id : evanynithya@aubit.edu.in
5.	No.of Students Participants Expected	31
6.	Proposed Budget ( Attach Details in Annexure)	10,000/-
7.	Coordinator of the Course	Name : Mrs.R.Selvapriya Designation : Assistant Professor Contact No : 9498433274

  
Course Coordinator


  
HoD

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**Technology Learning Group (TLeG)**

**50G-Zero Carbon Building**

**SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VASD) COURSES**

Group Lead: Mrs.R.Selvapriya \*Course Duration: 30Hours

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	08.03.21	Hour-1	Introduction to Seismic Structures	Dr.S.Evany Nithya Assistant Professor, Department of Civil Engineering, Anna University College of Engineering (BIT campus) Trichy
2	08.03.21	Hour-2	Meaning of Seismic Rehabilitation	
3	08.03.21	Hour-3,4	Introduction to Basics of Earthquake Effects	
4	08.03.21	Hour-5	Basics of Earthquake Effects on Buildings	
5	08.03.21	Hour-6	Rehabilitation Methods	
6	09.03.21	Hour-7	Base Isolation	
7	09.03.21	Hour-8,9,10	Fiber Reinforced Polymer Wrapping	
8	09.03.21	Hour-11	Tuned Mass Damper	
9	09.03.21	Hour-12	Steel Jacketing	
10	09.03.21	Hour-13,14	Adding New Structural Elements	
11	10.03.21	Hour-15,16,17	Adding Supplementary Damper	
12	10.03.21	Hour-18,19	Slosh Tank	
13	10.03.21	Hour - 20,21	Comparison of Each Methods	

**Attested**

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14	11.03.21	Hour – 22,23,24	Relating bending moment to bending stress	Dr.S.Evany Nithya Assistant Professor, Department of Civil Engineering, Anna University College of Engineering (BIT tampus) Trichy
15	11.03.21	Hour – 25	Internal bending moment and equilibrium	
16	11.03.21	Hour – 26	Using cuts to reveal the internal bending moment	
17	11.03.21	Hour – 27	Bending moment sign convention	
18	11.03.21	Hour – 28	Relating shear force to shear stress	
19	12.03.21	Hour – 29	Using cuts to reveal the internal shear force	
20	12.03.21	Hour – 30	Shear force sign convention	
21	12.03.21	Hour – 31,32	Case I: distributed loading Case II: point loading Case III: couple or applied moment	
23	12.03.21	Hour – 33	Sample projects	
24	12.03.21	Hour – 34	Practical session	
25	12.03.21	Hour – 35	Conclusion & Certificate distribution	

*Fsp*  
12/02/21  
Course Coordinator

*N*  
12/02/21  
HoD

*S*  
12/02/21  
Dean-FI

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## TECHNOLOGY LEARNING CENTRE

VASD

CIVIL

2020-21

Course Code :VASD200163

Course Title :Seismic Rehabilitation of Structures

### Participants List:

S. No	Roll No	Name of the Student	Year /Sem	Branch /Sec	8/3	9/3	10/3	11/3	12/3
1.	17CE001	AARTHI J	IV / VIII	CIVIL	Aarthi	Aarthi	Aarthi	Aarthi	Aarthi
2.	17CE005	ASHOK KUMAR A	IV / VIII	CIVIL	Ashok	Ashok	Ashok	Ashok	Ashok
3.	17CE006	CHANDRA MOHAN S	IV / VIII	CIVIL	Chandra	Chandra	Chandra	Chandra	Chandra
4.	17CE008	GOKULRAJ P	IV / VIII	CIVIL	Gokulraj	Gokulraj	Gokulraj	Gokulraj	Gokulraj
5.	17CE009	HARSHAR AS	IV / VIII	CIVIL	Harshar	Harshar	Harshar	Harshar	Harshar
6.	17CE010	JAGADEESH R	IV / VIII	CIVIL	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh
7.	17CE011	JANANI R	IV / VIII	CIVIL	Janani	Janani	Janani	Janani	Janani
8.	17CE015	KEERTHIRAJ K	IV / VIII	CIVIL	Keerthiraj	Keerthiraj	Keerthiraj	Keerthiraj	Keerthiraj
9.	17CE016	KISHOREKUMAR K	IV / VIII	CIVIL	Kishore	Kishore	Kishore	Kishore	Kishore
10.	17CE017	MALINI M	IV / VIII	CIVIL	Malini	Malini	Malini	Malini	Malini
11.	17CE018	MOUNESHWARAN G	IV / VIII	CIVIL	Mouneshwaran	Mouneshwaran	Mouneshwaran	Mouneshwaran	Mouneshwaran
12.	17CE019	NARMATHA M	IV / VIII	CIVIL	Narmatha	Narmatha	Narmatha	Narmatha	Narmatha
13.	17CE024	SANJAY S	IV / VIII	CIVIL	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
14.	17CE025	SRINIVAS G	IV / VIII	CIVIL	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas
15.	17CE026	SRINIVASAN R	IV / VIII	CIVIL	Srinivasan	Srinivasan	Srinivasan	Srinivasan	Srinivasan
16.	17CE027	SUDIPTANAND K	IV / VIII	CIVIL	Sudiptanand	Sudiptanand	Sudiptanand	Sudiptanand	Sudiptanand
17.	17CE028	TAMILMANI S	IV / VIII	CIVIL	Tamilmani	Tamilmani	Tamilmani	Tamilmani	Tamilmani
18.	17CE030	VALLARASU G	IV / VIII	CIVIL	Vallarasu	Vallarasu	Vallarasu	Vallarasu	Vallarasu
19.	17CE031	VENKATESAN R	IV / VIII	CIVIL	Venkatesan	Venkatesan	Venkatesan	Venkatesan	Venkatesan
20.	17CE034	VIJAY K	IV / VIII	CIVIL	Vijay	Vijay	Vijay	Vijay	Vijay
21.	17CE035	VIJAY P	IV / VIII	CIVIL	Vijay	Vijay	Vijay	Vijay	Vijay
22.	17CE036	YASMIN A	IV / VIII	CIVIL	Yasmin	Yasmin	Yasmin	Yasmin	Yasmin

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23.	17CE037	INDHUMATHI S	IV / VIII	CIVIL	INDHUMATHI S	INDHUMATHI S	INDHUMATHI S	INDHUMATHI S	INDHUMATHI S
24.	18CE501	ABDUL RAHMAN M	IV / VIII	CIVIL	ABDUL RAHMAN M	ABDUL RAHMAN M	ABDUL RAHMAN M	ABDUL RAHMAN M	ABDUL RAHMAN M
25.	18CE503	ARUPUTHARAJ A	IV / VIII	CIVIL	ARUPUTHARAJ A	ARUPUTHARAJ A	ARUPUTHARAJ A	ARUPUTHARAJ A	ARUPUTHARAJ A
26.	18CE504	ASHWIN N	IV / VIII	CIVIL	ASHWIN N	ASHWIN N	ASHWIN N	ASHWIN N	ASHWIN N
27.	18CE505	DEVARAJ T	IV / VIII	CIVIL	DEVARAJ T	DEVARAJ T	DEVARAJ T	DEVARAJ T	DEVARAJ T
28.	18CE506	HARIVIGNESH P	IV / VIII	CIVIL	HARIVIGNESH P	HARIVIGNESH P	HARIVIGNESH P	HARIVIGNESH P	HARIVIGNESH P
29.	18CE508	KATHIRAVAN RP	IV / VIII	CIVIL	KATHIRAVAN RP	KATHIRAVAN RP	KATHIRAVAN RP	KATHIRAVAN RP	KATHIRAVAN RP
30.	18CE509	KEERTHIVARMA S	IV / VIII	CIVIL	KEERTHIVARMA S	KEERTHIVARMA S	KEERTHIVARMA S	KEERTHIVARMA S	KEERTHIVARMA S
31.	18CE512	PASUPATHIRAM V	IV / VIII	CIVIL	PASUPATHIRAM V	PASUPATHIRAM V	PASUPATHIRAM V	PASUPATHIRAM V	PASUPATHIRAM V

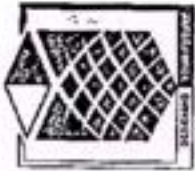
  
 Course Coordinator

  
 HoD

  
 Principal

Attested

  
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**TLC**

TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD...2.DD.16.3...

Certificate of Merit

C.No. : VASD.20.016.3.110.....

This is to certify that Mr. / Ms. ....

M. MAHINI.....

Department of .....

CIVIL ENGINEERING

successfully completed the VASD Course on SEISMIC REHABILITATION OF STRUCTURES

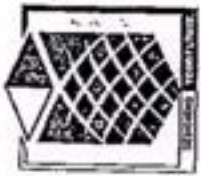
during 8.2.21 to 12.3.21, conducted by the Technology Learning Centre of the Institution.

Course Co-ordinator

Attested

Principal,  
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Principal



Estd. 2000

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**TLC**

TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD.....2020163.....

C.No. : VASD.2020163/22.....

## Certificate of Merit

This is to certify that Mr. / Ms. .... A. YASMIN.....

Department of ..... CIVIL ENGINEERING.....

successfully completed the VASD Course on SEISMIC REHABILITATION OF STRUCTURES

during 8.2.21 to 10.2.21, conducted by the Technology Learning Centre of the Institution.

  
Course Co-ordinator

Attested

  
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**TECHNOLOGY LEARNING CENTRE**

**VASD**

**CIVIL**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLG)	Zero Carbon Building	
2.	Course Code	VASD200135	
3.	Title of the Course	3D CAD Fundamental	
4.	Collaborating / Sponsoring Agency	Management / Technology Learning Centre	
5.	Duration	From 19.04.21 to 23.04.21	
6.	No. of Days/Hours	35 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	T.Senthilraja
		Designation	Managing Director
		Address	Green CAD Tech, Rasipuram.
		Contact No.	9500245002
		Mail id	greencadtech@gmail.com
8.	Students Participated in the Course (List is to be attached)	47	
9.	Budget Utilized (Attach Details in Annexure)	10,000/-	
10.	Outcome of the Course	<p>Students able to understand:</p> <ul style="list-style-type: none"> <li>Analyze technical drawings using both CAD and basic manual tools.</li> <li>Create mechanical parts for different applications.</li> <li>Utilize CAD software to create Geometric Constructions.</li> </ul>	

Course Coordinator *K. Srinivas*  
26/4/21

*[Signature]*  
HOD  
Attested  
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*[Signature]*  
Dean-TL  
24/4/21

*[Signature]*  
Principal  
24/4/21  
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**TECHNOLOGY LEARNING CENTRE**

VASD

CIVIL

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

2020-21

**Course Proposal**

1.	Name of the Group (TLcG)	Zero Carbon Building
	Collaborating / Sponsoring Agency	Management / Technology Learning Centre
2.	Duration (in Hours)	From 19.04.21 to 23.04.21
3.	Title of the Course	3D CAD Fundamental
4.	Details of the Expert (Attach separate sheet if more than one)	Name : T.Senthilraja, Designation : Managing Director., Address : Green CAD Tech, Rasipuram. Contact No : 9500245002 Mail Id : greencadtech@gmail.com
5.	No. of Students Participants Expected	47
6.	Proposed Budget ( Attach Details in Annexure)	10,000/-
7.	Coordinator of the Course	Name : Mr.K.Sankar Designation : Assistant Professor Contact No : 9789419055

*K. P. Sankar*  
18/4/21  
Course Coordinator

*A. Senthilraja*  
18/4/21  
HoD

Approved/Not Approved

*S. Senthilraja*  
15/4/21  
Dean-TE

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*S. Senthilraja*  
18/4/21  
Principal

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**Technology Learning Group (TLeG)**

**Zero Carbon Building**

**SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VASD) COURSES**

Group Lead: Mr.K.Sankar\* Course Duration: 35Hours

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	19.04.21	Hour-1	Introduction to AutoCAD ,	T.Senthilraja, Managing Director, Green CAD Tech, Rasipuram.
2	19.04.21	Hour-2	Use [Divide] to draw Steps	
3	19.04.21	Hour-3,4	Use [Rectangle] and [Push/Pull] to draw a cube	
4	19.04.21	Hour-5	Use [Tap Measure], [Guides] and [Push/Pull] to make holes	
5	19.04.21	Hour-6	Use [Arcs] to draw ridge and roof	
6	20.04.21	Hour-7	Draw lines on an inclined plane, roof window	
7	20.04.21	Hour-8,9,10	Draw lines on an inclined plane, roof window	
8	20.04.21	Hour-11,12	Match the slope of an inclined surface	
9	20.04.21	Hour-13,14	Four ways to draw an arc	
10	20.04.21	Hour-15,16	Draw a Sphere	
11	21.04.21	Hour-17,18	3D [Rotate] and [Copy]	
12	21.04.21	Hour-19,20,21	Dissection ball surface	
13	21.04.21	Hour - 22,23	Trick of selecting objects	

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14	22.04.21	Hour - 24,25,26	Use [Arcs] and [Copy] to draw a curtain	T.Senthilraja, Managing Director, Green CAD Tech, Rasipuram.
15	22.04.21	Hour - 27,28	Use [Mirror] and [Scale] to complete a curtain	
16	22.04.21	Hour - 29,30	Mirror objects by [Flip along]	
22	23.04.21	Hour - 31,32	familiar with [Circle], [Follow me], [Rotate] and [Paint Bucket]	
23	23.04.21	Hour - 33	Sample projects	
24	23.04.21	Hour - 34	Practical session	
25	23.04.21	Hour - 35	Conclusion & Certificate distribution	

Course Coordinator

HOD

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Attested

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TLC

## TECHNOLOGY LEARNING CENTRE

VASD

CIVIL

2020-21

Course Code :VASD200135

Course Title :3D CAD Fundamental

### Participants List:

S. No	Roll No	Name of the Student	Year /Sem	Branch /Sec	19/4	20/4	21/4	22/4	23/4
1.	17CE001	Aarthi J	IV / VIII	CIVIL	JJA	JJA	JJA	JJA	JJA
2.	17CE003	Anupriya G	IV / VIII	CIVIL	Ang	Ang	Ang	Ang	Ang
3.	17CE004	Arun Prakash S	IV / VIII	CIVIL	APB	APB	APB	APB	APB
4.	17CE005	Ashok Kumar A	IV / VIII	CIVIL	AKL	AKL	AKL	AKL	AKL
5.	17CE006	Chandra Mohan S	IV / VIII	CIVIL	ChL	ChL	ChL	ChL	ChL
6.	17CE007	Gokulanand S	IV / VIII	CIVIL	GL	GL	GL	GL	GL
7.	17CE008	Gokulraj P	IV / VIII	CIVIL	GPL	GPL	GPL	GPL	GPL
8.	17CE009	Harshar As	IV / VIII	CIVIL	Har	Har	Har	Har	Har
9.	17CE010	Jagadeesh R	IV / VIII	CIVIL	Jag	Jag	Jag	Jag	Jag
10.	17CE011	Janani R	IV / VIII	CIVIL	JNR	JNR	JNR	JNR	JNR
11.	17CE015	Keerthiraj K	IV / VIII	CIVIL	KJR	KJR	KJR	KJR	KJR
12.	17CE016	Kishorekumar K	IV / VIII	CIVIL	KKK	KKK	KKK	KKK	KKK
13.	17CE017	Malini M	IV / VIII	CIVIL	M	M	M	M	M
14.	17CE018	Mouneshwaran G	IV / VIII	CIVIL	MG	MG	MG	MG	MG
15.	17CE019	Narmatha M	IV / VIII	CIVIL	NM	NM	NM	NM	NM
16.	17CE020	Nishanth R	IV / VIII	CIVIL	NR	NR	NR	NR	NR
17.	17CE022	Prem Kanth R	IV / VIII	CIVIL	PKR	PKR	PKR	PKR	PKR
18.	17CE023	Rajan T	IV / VIII	CIVIL	RT	RT	RT	RT	RT
19.	17CE024	Sanjay S	IV / VIII	CIVIL	SS	SS	SS	SS	SS
20.	17CE025	Srinivas G	IV / VIII	CIVIL	SG	SG	SG	SG	SG
21.	17CE026	Srinivasan R	IV / VIII	CIVIL	SR	SR	SR	SR	SR
22.	17CE027	Sudiptanand K	IV / VIII	CIVIL	SK	SK	SK	SK	SK
23.	17CE028	Tamilmani S	IV / VIII	CIVIL	TS	TS	TS	TS	TS
24.	17CE030	Vallarasu G	IV / VIII	CIVIL	VG	VG	VG	VG	VG

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25.	17CE031	Venkatesan R	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
26.	17CE032	Venkatesh M	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
27.	17CE033	Vijay Bala R	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
28.	17CE034	Vijay K	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
29.	17CE035	Vijay P	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
30.	17CE036	Yasmin A	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
31.	17CE037	Indhumathi S	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
32.	18CE501	Abdul Rahman M	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
33.	18CE503	Aruputharaj A	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
34.	18CE504	Ashwin N	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
35.	18CE505	Devaraj T	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
36.	18CE506	Harivignesh P	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
37.	18CE507	Jayaprakasham A	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
38.	18CE508	Kathiravan Rp	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
39.	18CE509	Keerthivarma S	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
40.	18CE510	Manikandan P	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
41.	18CE511	Mohanasundaram K	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
42.	18CE512	Pasupathiram V	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
43.	18CE513	Prasanth M	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
44.	18CE514	Ragul S	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
45.	18CE515	Sasidharan R	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
46.	18CE516	Soundar Ms	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves
47.	18CE517	Srihari K	IV / VIII	CIVIL	Ves	Ves	Ves	Ves	Ves

Course Coordinator  
*[Signature]*  
 23/4/24

HOD  
*[Signature]*  
 23/4/24

Dean - TL  
*[Signature]*  
 23/4/24

Attested  
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Course Code : VASD... 200135

## Certificate of Merit

C.No. : VASD.200135/2

This is to certify that Mr. / Ms. GI. ANUPRIYA

Department of CIVIL ENGINEERING

successfully completed the VASD Course on 3D CAD FUNDAMENTAL

during 19.4.21 - 28.4.21 conducted by the Technology Learning Centre of the Institution.

K. Sankar  
Course Co-ordinator

Attested

[Signature]  
MOD

[Signature] 22/4/21  
PRINCIPAL,  
MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS) Rasipuram, TN  
RASIPURAM-637 408, NAMAKKAL DIST.  
TAMIL NADU

[Signature]  
Principal



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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD.....20.D.13.5.....

C.No. : VASD.20.D.13.5/24.....

## Certificate of Merit

This is to certify that Mr. / Ms. ....G. VALLARASU.....  
Department of .....CIVIL.....ENGINEERING.....  
successfully completed the VASD Course on .....3D.....CAD.....FUNDAMENTAL.....

during 19.11.2021 - 23.11.2021.. conducted by the Technology Learning Centre of the Institution.

*K. Sankar*  
Course Co-ordinator

Attested

*[Signature]*  
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*[Signature]*  
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TECHNOLOGY LEARNING CENTRE

VASD

CSE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## COURSE COMPLETION REPORT [CCR]

1.	Name of the Group (TLeG)	Cyber Security	
2.	Course Code	VASD200101	
3.	Title of the Course	IT Cyber Security and Information Assurance	
4.	Collaborating / Sponsoring Agency	IE(I)	
5.	Duration	From 05.10.2020 To 10.10.2020 & 30 Hrs	
6.	No. of Days/Hours	6 Days / 30Hrs	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Mr.R.Vinoth
		Designation	Solutions Architect
		Address	Busy Hubs Pvt.Ltd Chennai
		Contact No.	9977657326
		Mail id	Vinothrao89@gmail.com
8.	Students Participated in the Course (List is to be attached)	65	
9.	Budget Utilized (Attach Details in Annexure)	30000	
10.	Outcome of the Course	<ul style="list-style-type: none"> <li>• Pillars of Information Assurance.</li> <li>• Benefits of Information Protection and Information Assurance.</li> <li>• The fundamental principles of information security.</li> <li>• Software programs from such cyber attacks.</li> </ul>	

*(Signature)*  
Course Coordinator

Attested  
*(Signature)*  
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TECHNOLOGY LEARNING CENTRE

VASD

CSE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## Course Proposal

Oct-2020

1.	Name of the Group (TLcG)	Cyber Security
	Collaborating / Sponsoring Agency	IE(I)
2.	Duration (in Hours)	05.10.2020 To 10.10.2020 & 30 Hrs
3.	Title of the Course	IT Cyber Security and Information Assurance
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Mr.R.Vinoth Designation : Solutions Architect Address : Busy Hubs Pvt.Ltd Chennai Contact No : 9977657326 Mail Id : Vinothrao89@gmail.com
5.	No.of Students Participants Expected	70
6.	Proposed Budget ( Attach Details in Annexure)	30000
7.	Coordinator of the Course	Name :R.Kavishree Designation :Aisitant Professor Contact No :7339441480

Course Coordinator

HoD

Approved/Not Approved

Dean-TL

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Academic Year 2020-2021

## Course Schedule

Title: IT Cyber Security and Information Assurance Date: 05.10.2020 To 10.10.2020

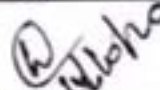
Name of the Expert : Mr.R.Vinoth

S.No	Date	Period	Topics Discussed
1	05.10.2020	1	Master's Project (3) 1
2		2	Advanced Web Applications and Services Development (3)
3		3	Database Theory and Applications (3)
4		4	Advanced Applications Programming in Java (3)
5		5	Advanced Algorithms (3)
6	06.10.2020	1	Advanced Operating Systems (3)
7		2	Introduction to Cloud Computing (3)
8		3	Big Data: Storage, Analytics, and Visualization (3)
9		4	Artificial Intelligence (3)
10		5	Machine Learning (3)
11	07.10.2020	1	Neural Network and Deep Learning (3)
12		2	Image Processing and Computer Vision (3)
13		3	Compiler Design and Construction (3)
14		4	Thesis (3) 3
15		5	Special Topics in Cybersecurity (1-3) (3)
16		1	Internship in Cybersecurity (1-3) (1-3) 2
17		2	Introduction to Malware (3)

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18	08.10.2020	3	Web Application Security (3)
19		4	Cloud Security (3)
20		5	Ethical Hacking (3)
21	09.10.2020	1	Computer and Network Forensics (3)
22		2	Software Security (3)
23		3	Advanced Software Engineering (3)
24		4	SE 5930 - Software Testing and Quality Assurance (3)
25		5	Software Design and Architecture (3)
26	10.10.2020	1	Secure Software Engineering (3)
27		2	Test decision chart.
28		3	The Chi-Square Test.
29		4	Cross-tabulation
30		5	Some examples to get your teeth into.

  
Coordinator

  
HoD

Assesied  
  
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VASD

2020-21

TLC

## TECHNOLOGY LEARNING CENTRE

CSE

Course Code : VASD200101

Course Title : IT Cyber Security and Information Assurance

### Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	05.10.20	06.10.20	07.10.20	08.10.20	09.10.20	10.10.20
1	18CS001	ABDUL RAHMAN M	III/V	CSE-B	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	18CS025	DENIS RAJA M	III/V	CSE-B	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	18CS039	HITHAYATH B	II/III	CSE-B	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	18CS006	ARUN KUMAR	II/III	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	18CS048	MANNEPALLI YASASWINI	III/V	CSE-B	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	18CS028	DIVYA PRABA R	III/V	CSE-B	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	18CS061	VELLA TEJASWI	III/V	CSE-B	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	18CS044	KOYI MAHESH	III/V	CSE-B	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	18CS089	PREETHI M	III/V	CSE-B	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	18CS016	CHAVA HARSHAVAREHAN	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	18CS036	GOLLAPUDI GANESH CHOWDARY	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	18CS019	DAGGUPATI GOPI	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	19IT013	DHOUSHINI S	III/V	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	18CS028	DIVYA PRABA R	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	18CS055	PATTE VENKATESH	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	18CS030	GAJULA PREM SAIDHAR	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	18CS029	DIVYA SHARON R	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	18CS035	GOKULAPRIYA R	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	19CS057	VIGNESH P	III/V	CSE-A	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Attested

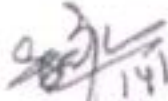
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20	18CS003	AKILAN GG	III/V	CSE-B	Ug	Ug	Ug	Ug	Ug	Ug
21	18CS002	ABISHEK SK	III/V	MECH -A	Ab	Ab	Ab	Ab	Ab	Ab
22	18CS010	BHARATHI C	III/V	MECH -A	C.Bai	C.Bai	C.Bai	C.Bai	C.Bai	C.Bai
23	18CS020	DEEPAK K	III/V	MECH -A	Depp	Depp	Depp	Depp	Depp	Depp
24	18CS033	GNANA VEL V	III/V	IT	Gv	Gv	Gv	Gv	Gv	Gv
25	18CS015	BOOPATHI S	III/V	IT	B	B	B	B	B	B
26	18CS026	DHARANIDHARAN D	III/V	CSE-B	D.D	D.D	D.D	D.D	D.D	D.D
27	18CS027	DINESH M V	III/V	CSE-B	M.D	M.D	M.D	M.D	M.D	M.D
28	18CS041	KAMMA BHANU CHANDRA	III/V	CSE-A	K	K	K	K	K	K
29	18CS042	KAMMA LAVANYA	III/V	CSE-A	L	L	L	L	L	L
30	18CS057	RAMULAGARI HARINADHA REDDY	III/V	CSE-A	R	R	R	R	R	R
31	19CS507	SHARMILA P	III/V	CSE-A	S	S	S	S	S	S
32	19CS008	BHARATHI V	III/V	CSE-A	B	B	B	B	B	B
33	19CS009	CHANDHRU G	III/V	CSE-A	C	C	C	C	C	C
34	18CS095	RAMKUMAR S	III/V	CSE-A	R	R	R	R	R	R
35	19CS011	DANIEL SANTHOSH Y	III/V	CSE-A	D	D	D	D	D	D
36	19CS012	DEVADHARSHINI R	III/V	CSE-A	D	D	D	D	D	D
37	19CS013	DHANEESH M	III/V	CSE-A	D	D	D	D	D	D
38	19CS014	DHARANESH G	III/V	CSE-A	D	D	D	D	D	D
39	19CS041	PRADEEPROSHAN R R	III/V	CSE-A	P	P	P	P	P	P
40	19CS042	PRAVEEN P	III/V	CSE-A	P	P	P	P	P	P
41	19CS060	YUKENTHIRAN V	III/V	CSE-A	Y	Y	Y	Y	Y	Y
42	19CS026	JAWAHARBABUR	III/V	CSE-A	J	J	J	J	J	J
43	19CS061	ATLA GAYATHRI	III/V	CSE-B	A	A	A	A	A	A
44	19CS063	ATLA SRUTI	III/V	CSE-B	A	A	A	A	A	A
45	19CS064	BOMMEPALLE HARSHA VARDHAN REDDY	III/V	CSE-B	B	B	B	B	B	B
46	19CS065	BUCHI DHANUSH	III/V	CSE-B	B	B	B	B	B	B

47	19CS06 6	C DINESH	III/V	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
48	19CS06 7	DANDE PAVAN KALYAN	III/V	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
49	19CS06 8	EDDAGOTTI ANIL RAJ	III/V	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
50	19CS06 9	GNANASHANKARAN N	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
51	19CS09 8	PONNAM MANIKUMAR	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
52	19CS09 9	PONNAPATI DEEPAK KUMAR REDDY	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
53	19CS10 0	PONNAPATI DINESH KUMAR REDDY	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
54	19CS10 1	POREDDY RANJITH KUMAR REDDY	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
55	19CS10 2	POTHUPETA BHARGHAV	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
56	19CS10 3	TELLA PRASANTH KUMAR	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
57	19CS10 4	RACHURI LOKESH	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
58	19CS10 5	RITHIKA V	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
59	19CS10 6	RUDRAPATI VISHNUVARDHAN	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
60	19CS10 7	SAMUKTHA M	II/III	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
61	19CS05 0	SRIDHAR S	II/III	CSE-A	Dy	Dy	Dy	Dy	Dy	Dy
62	19CS05 1	SUDEEP P	II/III	CSE-A	Dy	Dy	Dy	Dy	Dy	Dy
63	18CS054	PASUPULETI VINAY KUMAR	II/III	IT	Dy	Dy	Dy	Dy	Dy	Dy
64	18CS059	TATIREDDY SATISH REDDY	III/V	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy
65	18CS052	MUTTHNA MARUTI PRASAD	III/V	CSE-B	Dy	Dy	Dy	Dy	Dy	Dy

  
Course Coordinator

  
HoD

  
Dean-TL

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**TLC**

**TECHNOLOGY LEARNING CENTRE**

**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

**TLeG**

Course Code : VASD. 200101.....

**Certificate of Merit**

C.No. : VASD. 200101/H/H.....

This is to certify that Mr. / Ms. ....**ATLA S.RUTI**.....

Department of **COMPUTER SCIENCE AND ENGINEERING**.....

successfully completed the VASD Course on **IT CYBER SECURITY AND INFORMATION ASSURANCE**

during **05.10.20 - 10.10.20**... conducted by the Technology Learning Centre of the Institution.

*Dr. N. N. N.*  
Course Co-ordinator

Attested

*[Signature]*  
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**HODHAYAMMAL ENGINEERING COLLEGE - TL**  
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*[Signature]*  
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**TECHNOLOGY LEARNING CENTRE**  
**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

**TLeG**

Course Code : VASD.200191.....

C.No. : VASD.20010101.....



Certificate of Merit

This is to certify that Mr. / Ms. **ABDUL RAHMAN M**.....

Department of **COMPUTER SCIENCE AND ENGINEERING**.....

successfully completed the VASD Course on **IT CYBER SECURITY AND INFORMATION ASSURANCE**

during **05.10.20 - 10.10.20** conducted by the Technology Learning Centre of the Institution.

*[Signature]*  
Course Co-ordinator

Attested

*[Signature]*  
**HOD**  
**MUTHAYAMMAL ENGINEERING COLLEGE**  
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**DEPT. TL**  
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TAMILNADU

*[Signature]*  
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**TLeG**

Course Code : VASD.200101.....

**Certificate of Merit**

C.No. : VASD.20010106.....

This is to certify that **Mr / Ms. DIVYA PRABAR**.....

Department of **COMPUTER SCIENCE AND ENGINEERING**.....

successfully completed the VASD Course on **IT CYBER SECURITY AND INFORMATION ASSURANCE**

during **05.10.20 - 10.10.20**... conducted by the Technology Learning Centre of the Institution.

*Dr. Arun Kumar*  
Course Co-ordinator

*Dr. Arun Kumar*  
HOD

**Attested**  
*[Signature]*  
PRINCIPAL, Dean - TL  
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*[Signature]*  
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TLC

## TECHNOLOGY LEARNING CENTRE

VASD

CSE

## VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

### COURSE COMPLETION REPORT [CCR]

1.	Name of the Group (TLcG)	IOT	
2.	Course Code	VASD200103	
3.	Title of the Course	IOT Architecture and Protocol	
4.	Collaborating / Sponsoring Agency	Computer Society of India	
5.	Duration	18-11-2020 To Nov 26-11-2020 &40 hours	
6.	No. of Days/Hours	8 days/40	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Mr. Madhan Chandrasekharan
		Designation	Project Leader
		Address	United Arab Emirates
		Contact No.	+91 99440 70149
		Mail id	gcmadhan@gmail.com
8.	Students Participated in the Course (List is to be attached)	60	
9.	Budget Utilized (Attach Details in Annexure)	40000	
10.	Outcome of the Course	<ul style="list-style-type: none"> <li>Comprehend the essentials of IoT and its applications .</li> <li>Understand the concepts of IoT Architecture Reference model and IoT reference architecture.</li> <li>Design IoT-based systems for real-world problems.</li> </ul>	

Attested  
  
 Course Coordinator  
 30/11/20  
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TECHNOLOGY LEARNING CENTRE

VASD

CSE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## Course Proposal

Nov 2020

1.	Name of the Group (TLG)	IOT
	Collaborating / Sponsoring Agency	Computer Society of India
2.	Duration (in Hours)	18-11-2020 To Nov 26-11-2020 & 40 hours
3.	Title of the Course	IOT Architecture and Protocol
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Mr. Madhan Chandrasekharan Designation : Project Leader Address : United Arab Emirates Contact No : +91 99440 70149 Mail Id : gcmadhan@gmail.com
5.	No.of Students Participants Expected	60
6.	Proposed Budget ( Attach Details in Annexure)	40000
7.	Coordinator of the Course	Name : V.Karuppusamy Designation : Assistant Professor Contact No : 9976139701

Course Coordinator

Approved/Not Approved

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## SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VASD) COURSES

Title of the Course: IOT Architecture and Protocol

Group Lead: V.Karuppuchamy

Course Duration: 40 Hours

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	18-11-2020	Hour-1	Lightening the Lamp, Principal Talk, Chief guest Introduction, Resource Person Talk	Mr.Madhan Chandrasekharan Project Manager Tek System-Alligies, Group, Chennai
2		Hour-2	Introduction to IoT	
3		Hour-3	Sensors, Devices, and Communication	
4		Hour-4	Embedded Systems	
5		Hour-5	Hardware and Software	
6	19-11-2020	Hour-1	Networking and the Internet	
7		Hour-2	WAN Structure	
8		Hour-3	Networking Components (Lab Tour)	
9		Hour-4	Agricultural Monitoring	

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10		Hour-5	Protocols
11	20-11-2020	Hour-1	TCP/IP Application Layer
12		Hour-2	MANETs
13		Hour-3	Arduino IDE
14		Hour-4	Software   Arduino
15		Hour-5	Hardware   Arduino
16	21-11-2020	Hour-1	Windows - Arduino
17		Hour-2	Downloading and installing the Arduino IDE 2.0
18		Hour-3	C Programming
19		Hour-4	Introduction
20		Hour-5	Data types
21	23-11-2020	Hour-1	Conditional Statements
22		Hour-2	Control Statements
23		Hour-3	practice exercise

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24	23-11-2020	Hour-4	practice exercise		
25		Hour-5	practice exercise		
26	24-11-2020	Hour-1	practice exercise		
27		Hour-2	Project		
28		Hour-3	Precision farming		
29		Hour-4	Sanitizer Machine Project		
30		Hour-5	Predictive analytics for smart farming		
31		Hour-1	Predictive analytics for smart farming		
32	25-11-2020	Hour-2	Device to device		Mr.Madhan Chandrasekharan Project Manager  Tek System- Alligies, Group, Chennai
33		Hour-3	Device to gateway		
34		Hour-4	Gateway to data systems		
35		Hour-5	Between data systems		
36		26-11-2020	Hour-1	Advanced Message Queuing Protocol	
37	Hour-2		Zigbee		

  
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38	26-11-2020	Hour-3	Cellular technology	Mr.Madhan Chandrasekharan  Project Manager  Tek System-Alligies, Group, Chennai
39		Hour-4	LoRaWAN	
40		Hour-5	Online Assessment for Certification	

  
 Course Coordinator  
 30/11/20

  
 HoD  
 30/11

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## TECHNOLOGY LEARNING CENTRE

VASD

CSE

2020-21

Course Code : VASD200103  
Course Title : IoT Architecture and Protocol

### Participants List:

S. No	Roll No	Name of the Student	Year /Sem	Branch /Sec	18-11	19-11	20-11	21-11	23-11	24-11	25-11	26-11
1.	19CS029	JOSHINI M	III/V	CSE-A	JK	JK	JK	JK	JK	JK	JK	JK
2.	18CS019	DAGGUPATI GOPI	III/V	CSE-A	DK	DK	DK	DK	DK	DK	DK	DK
3.	19IT013	DHOUSHINI S	III/V	IT	DS	DS	DS-2	DS	DS	DS	DS	DS
4.	18CS028	DIVYA PRABA R	III/V	CSE-A	Diy	Diy	Diy	Diy	Diy	Diy	Diy	Diy
5.	18CS055	PATTE VENKATESH	III/V	CSE-A	DP	DP	DP	DP	DP	DP	DP	DP
6.	18CS030	GAJULA PREM SAIDHAR	III/V	CSE-A	GP	GP	GP	GP	GP	GP	GP	GP
7.	19CS063	ATLA SRUTI	III/V	CSE-B	AS	AS	AS	AS	AS	AS	AS	AS
8.	19CS064	BOMMEPALLE HARSHA VARDHAN REDDY	III/V	CSE-B	BR	BR	BR	BR	BR	BR	BR	BR
9.	19CS065	BUCHI DHANUSH	III/V	CSE-B	BD	BD	BD	BD	BD	BD	BD	BD
10.	19CS066	C DINESH	III/V	CSE-B	CD	CD	CD	CD	CD	CD	CD	CD
11.	19CS067	DANDE PAVAN KALYAN	III/V	CSE-B	DK	DK	DK	DK	DK	DK	DK	DK
12.	19CS068	EDDAGOTTI ANIL RAJ	III/V	CSE-B	ER	ER	ER	ER	ER	ER	ER	ER
13.	19CS069	GNANASHANKARA N N	III/V	CSE-B	GN	GN	GN	GN	GN	GN	GN	GN
14.	19IT036	NIVETHINI D	III/V	IT	ND	ND	ND	ND	ND	ND	ND	ND
15.	19CS111	SHANKAVI M	III/V	CSE-B	SM	SM	SM	SM	SM	SM	SM	SM
16.	19CS089	MANJU V	III/V	CSE-B	MV	MV	MV	MV	MV	MV	MV	MV
17.	19CS001	AKASH KUMAR M R	III/V	CSE-A	AK	AK	AK	AK	AK	AK	AK	AK
18.	19CS005	ASWIN RAJA K	III/V	CSE-A	AR	AR	AR	AR	AR	AR	AR	AR
19.	19CS006	BAVADHARINI E	III/V	CSE-A	BE	BE	BE	BE	BE	BE	BE	BE
20.	19CS007	BAVITHRAN K	III/V	CSE-A	BK	BK	BK	BK	BK	BK	BK	BK

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21.	19CS008	BHARATHI V	III/V	CSE-A	Bj	B	B	B	B	B	B	B	B
22.	19CS009	CHANDHRU G	III/V	CSE-A	Cef	Cef	Cef	Cef	Cef	Cef	Cef	Cef	Cef
23.	18CS095	RAMKUMAR S	III/V	CSE-A	Rf	Rf	Rf	Rf	Rf	Rf	Rf	Rf	Rf
24.	19CS011	DANIEL SANTHOSH Y	III/V	CSE-A	Df	Df	Df	Df	Df	Df	Df	Df	Df
25.	19CS012	DEVADHARSHINI R	III/V	CSE-A	Dyf	Dyf	Dyf	Dyf	Dyf	Dyf	Dyf	Dyf	Dyf
26.	19CS013	DHANEESH M	III/V	CSE-A	Df	Df	Df	Df	Df	Df	Df	Df	Df
27.	19IT036	NIVETHINI D	III/V	IT	Nf	Nf	Nf	Nf	Nf	Nf	Nf	Nf	Nf
28.	19CS111	SHANKAVI M	III/V	CSE-B	Nf	Nf	Nf	Nf	Nf	Nf	Nf	Nf	Nf
29.	19CS089	MANJU V	III/V	CSE-B	Nyf	Nyf	Nyf	Nyf	Nyf	Nyf	Nyf	Nyf	Nyf
30.	18CS001	ABDUL RAHMAN M	III/V	CSE-B	Af	Af	Af	Af	Af	Af	Af	Af	Af
31.	18CS025	DENIS RAJA M	III/V	CSE-B	Df	Df	Df	Df	Df	Df	Df	Df	Df
32.	18CS039	HITHAYATH B	II/III	CSE-B	Hf	Hf	Hf	Hf	Hf	Hf	Hf	Hf	Hf
33.	18CS006	ARUN KUMAR	II/III	CSE-A	Af	Af	Af	Af	Af	Af	Af	Af	Af
34.	18CS048	MANNEPALLI YASASWINI	III/V	CSE-B	Nyf	Nyf	Nyf	Nyf	Nyf	Nyf	Nyf	Nyf	Nyf
35.	18CS028	DIVYA PRABA R	III/V	CSE-B	Df	Df	Df	Df	Df	Df	Df	Df	Df
36.	18CS061	VELLA TEJASWI	III/V	CSE-B	vlf	vlf	vlf	vlf	vlf	vlf	vlf	vlf	vlf
37.	18CS044	KOYI MAHESH	III/V	CSE-B	Kf	Kf	Kf	Kf	Kf	Kf	Kf	Kf	Kf
38.	18CS089	PREETHI M	III/V	CSE-B	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf
39.	19CS098	PONNAM MANIKUMAR	II/III	CSE-B	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf
40.	19CS099	PONNAPATI DEEPAK KUMAR REDDY	III/V	CSE-B	Df	Df	Df	Df	Df	Df	Df	Df	Df
41.	19CS100	PONNAPATI DINESH KUMAR REDDY	III/V	CSE-B	Df	Df	Df	Df	Df	Df	Df	Df	Df
42.	19CS101	POREDDY RANJITH KUMAR REDDY	III/V	CSE-B	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf
43.	19CS102	POTHUPETA BHARGHAV	III/V	CSE-B	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf
44.	19CS103	TELLA PRASANATH KUMAR	III/V	CSE-B	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf	Pf
45.	19CS104	RACHURI LOKESH	III/V	CSE-B	Rf	Rf	Rf	Rf	Rf	Rf	Rf	Rf	Rf
46.	19CS105	RITHIKA V	III/V	CSE-B	Rv	Rv	Rv	Rv	Rv	Rv	Rv	Rv	Rv
47.	19CS065	ANUHA SOMAPALLI	III/V	CSE - A	Ayf	Ayf	Ayf	Ayf	Ayf	Ayf	Ayf	Ayf	Ayf
48.	19CS071	GUMMIREDDY KADIREDDY VIJAYADURGA	III/V	CSE - A	Gf	Gf	Gf	Gf	Gf	Gf	Gf	Gf	Gf
49.	19CS079	SHAIK JASMINE	III/V	CSE - A	Sf	Sf	Sf	Sf	Sf	Sf	Sf	Sf	Sf
50.	19CS507	SHARMILA P	III/V	CSE-A	Sf	Sf	Sf	Sf	Sf	Sf	Sf	Sf	Sf
51.	19CS008	BHARATHI V	III/V	CSE-A	Bf	Bf	Bf	Bf	Bf	Bf	Bf	Bf	Bf

Attested

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PACIPURAM-637 408, NAMAKKAL Dist.,  
TAMILNADU.

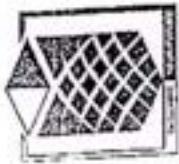
52.	19CS009	CHANDHRU G	III/V	CSE-A	CP	CP	CP	CP	CP	CP	CP	CP	CP
53.	18CS095	RAMKUMAR S	III/V	CSE-A	Buy	Buy	Buy	Buy	Buy	Buy	Buy	Buy	Buy
54.	19CS011	DANIEL SANTHOSH Y	III/V	CSE-A	DB	DB	DB	DB	DB	DB	DB	DB	DB
55.	19CS012	DEVADHARSHINI R	III/V	CSE-A	Buy	Buy	Buy	Buy	Buy	Buy	Buy	Buy	Buy
56.	19CS013	DHANEESH M	III/V	CSE-A	DB	DB	DB	DB	DB	DB	DB	DB	DB
57.	19CS035	MANIKANDAN K	III/V	CSE-A	MB	MB	MB	MB	MB	MB	MB	MB	MB
58.	19CS059	VIMALKUMAR M	III/V	CSE-A	VB	VB	VB	VB	VB	VB	VB	VB	VB
59.	19CS026	JAWAHAR BABU R	III/V	CSE-A	Buy	Buy	Buy	Buy	Buy	Buy	Buy	Buy	Buy
60.	19CS028	JAYA SURYA C	III/V	CSE-A	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy

  
 Course Coordinator  
 30/11/21

  
 HoB

  
 Dean -TL

Attested  
  
 PRINCIPAL,  
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**TLC**



**TLeG**

Course Code : VASD 200103

Certificate of Merit

C.No. : VASD 20010302

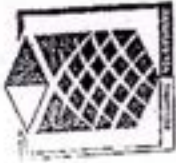
This is to certify that Mr. / Ms. PA.GIYAPATI G.R.P.P  
Department of COMPUTER SCIENCE AND ENGINEERING  
successfully completed the VASD Course on IoT Architecture and Protocol  
during 18.11.20 - 26.11.20 conducted by the Technology Learning Centre of the Institution.

*(Signature)*  
Course Co-ordinator

*(Signature)*  
HOD

Attested  
*(Signature)*  
PRINCIPAL,  
MUTHAYAMMAL ENGINEERING COLLEGE, TL  
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BASIPURAM-637 408, NAMAKKAL Dist.,  
TAMIL NADU

*(Signature)*  
Principal



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**TLC**

**TECHNOLOGY LEARNING CENTRE**  
**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

**TLeG**

Course Code : VASD..200103.....

**Certificate of Merit**

C.No. : VASD...20010320...

This is to certify that Mr. / Ms. K. BAKITHARAN

Department of COMPUTER SCIENCE AND ENGINEERING

successfully completed the VASD Course on FOT ARCHITECTURE AND PROTOCOL

during 18.11.20 - 26.11.20.....conducted by the Technology Learning Centre of the Institution.

*[Signature]*  
Course Coordinator

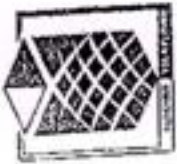
**Attested**

*[Signature]*  
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Principal

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**TECHNOLOGY LEARNING CENTRE**  
Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLEG**

Course Code : VASD-2001D3.....

## Certificate of Merit

C.No. : VASD-2001D332.....

This is to certify that Mr. / Ms. HITHAYATH B

Department of COMPUTER SCIENCE AND ENGINEERING

successfully completed the VASD Course on IoT ARCHITECTURE AND PROTOCOL

during 18.11.20-26.11.20..... conducted by the Technology Learning Centre of the Institution.

*[Signature]*  
Course Co-ordinator

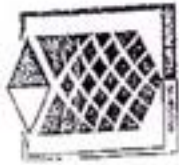
*[Signature]*  
HOD

*[Signature]*  
Dean TL

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**PRINCIPAL,**  
**MUTHAYAMMAL ENGINEERING COLLEGE**  
**(AUTONOMOUS)**

*[Signature]*  
Principal

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TECHNOLOGY LEARNING CENTRE  
Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLEG**

Course Code : VASD.200103.....

Certificate of Merit

C.No. : VASD.20010351

This is to certify that Mr. / Ms. V. BAARATHI


Department of COMPUTER SCIENCE AND ENGINEERING  
successfully completed the VASD Course on IoT ARCHITECTURE AND PROTOCOL

during 18.11.20 - 26.11.20 conducted by the Technology Learning Centre of the Institution.

  
Counselor  
26/11/20

  
HOD

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Dean - IT

  
Principal

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TLC

TECHNOLOGY LEARNING CENTRE

VASD

CSE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## COURSE COMPLETION REPORT [CCR]

1.	Name of the Group (TLcG)	Cyber Security	
2.	Course Code	VASD200110	
3.	Title of the Course	Cyber Law and Ethics	
4.	Collaborating / Sponsoring Agency	Computer Society of India	
5.	Duration	From 13-07-2020 To 18-07-2020 & 30 hours	
6.	No. of Days/Hours	6 Days/30 Hrs	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Mr.Vimal Mani
		Designation	Head of Information Security(CISCO)
		Address	Bank of Sharjah United Arab Emirates
		Contact No.	+971508583505
		Mail id	vimal.consultant@gmail.com
8.	Students Participated in the Course (List is to be attached)	63	
9.	Budget Utilized (Attach Details in Annexure)	30000	
10.	Outcome of the Course	<ul style="list-style-type: none"> <li>Protect and defend computer systems and networks from cyber security attacks.</li> <li>Diagnose and investigate cyber security events or crimes related to computer systems and digital evidence.</li> <li>Effectively communicate in a professional setting to address information security</li> </ul>	

21/7/20  
Course Coordinator

Attested  
21/7  
HoP  
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## TECHNOLOGY LEARNING CENTRE

VASD

CSE

## VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

### Course Proposal

July 2020

1.	Name of the Group (TLcG)	Cyber Security
	Collaborating / Sponsoring Agency	Computer Society of India
2.	Duration (in Hours)	13-07-2020 To 18-07-2020 & 30 hours
3.	Title of the Course	Cyber Law and Ethics
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Mr. Vimal Mani Designation : Head of Information Security Address : United Arab Emirates Contact No : +971508583505 Mail Id : vimal.consultant@gmail.com
5.	No. of Students Participants Expected	70
6.	Proposed Budget ( Attach Details in Annexure)	30000
7.	Coordinator of the Course	Name : Dr. J. Preetha Designation : Professor Contact No : 9486595944

Course Coordinator

HoD

Approved/Not Approved

Attested

Dean-TL

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## SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VASD) COURSES

Title of the Course : Cyber Law and Ethics

Group Lead: Dr.J.Preetha

Course Duration: 30 Hours

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	13-07-2020	Hour-1	Introduction to the Legal Perspectives of Cyber crimes	Mr.Vimal Mani Head of Information Security(CISCO) Bank of Sharjah United Arab Emirates
2		Hour-2	Cybercrime and the Legal Landscape	
3		Hour-3	Why Do We Need Cyber law	
4		Hour-4	The Indian IT Act	
5		Hour-5	Challenges to Indian Law and Cybercrime Scenario in India	
6	14-07-2020	Hour-1	Digital Signatures and the Indian IT Act	United Arab Emirates
7		Hour-2	Cybercrime and Punishment	
8		Hour-3	Technology and Students	
9		Hour-4	Digital forensic Science	

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10		Hour-5	Types and techniques of identity thefts
11	15-07-2020	Hour-1	Need for Computer Forensic
12		Hour-2	Cyber Forensic and digital Evidence
13		Hour-3	Forensics Analysis of E-Mail
14		Hour-4	Digital Forensic Life Cycle
15		Hour-5	Security Implications for Organizations
16	16-07-2020	Hour-1	Web Threats for Organization
17		Hour-2	Hands on Lab
18		Hour-3	Security and Privacy Implications
19		Hour-4	Social Media Marketing
20		Hour-5	Intellectual Property in the Cyberspace
21	17-07-2020	Hour-1	The Ethical Dimensions of Cybercrime
22		Hour-2	The Psychology, Mindset and skills of Hackers
23		Hour-3	How Criminal Plans the Attack

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24	17-07-2020	Hour-4	Active Attacks, Passive Attacks
25		Hour-5	Hands on Lab
26	18-07-2020	Hour-1	Social Engineering
27		Hour-2	Classification of Social Engineering
28		Hour-3	Cyber Crime and Cloud Computing
29		Hour-4	Job opportunities in Cyber Security
30		Hour-5	Skills and Certifications needed for Cyber Security

Course Coordinator

HoD

Dean-TL

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TLC

## TECHNOLOGY LEARNING CENTRE

VASD

CSE

2020-21

Course Code : VASD200110

Course Title : CYBER LAW AND ETHICS

### Participants List:

S. No	Roll No	Name of the Student	Year /Sem	Branch /Sec	13-07	14-07	15-07	16-07	17-07	18-07
1.	18CS081	NAVEEN KUMAR S	III/V	CSE-B	✓	✓	✓	✓	✓	✓
2.	18CS110	SUBASHINI N	III/V	CSE-B	✓	✓	✓	✓	✓	✓
3.	19CS508	SIVA SURYA S	II/III	CSE-B	✓	✓	✓	✓	✓	✓
4.	19CS010	CYRILROY S	II/III	CSE-A	✓	✓	✓	✓	✓	✓
5.	18CS096	RAVIKUMAR S	III/V	CSE-B	✓	✓	✓	✓	✓	✓
6.	18IT057	VISWESHKANNAN N	III/V	IT	✓	✓	✓	✓	✓	✓
7.	18IT031	KARTHIGA S	III/V	IT	✓	✓	✓	✓	✓	✓
8.	18CS100	SARAVANAN V	III/V	CSE-B	✓	✓	✓	✓	✓	✓
9.	18CS089	PREETHI M	III/V	CSE-B	✓	✓	✓	✓	✓	✓
10.	18CS019	DAGGUPATI GOPI	III/V	CSE-A	✓	✓	✓	✓	✓	✓
11.	18CS020	DEEPAK K	III/V	CSE-A	✓	✓	✓	✓	✓	✓
12.	19CS052	SUDHARSAN R	II/III	CSE-A	✓	✓	✓	✓	✓	✓
13.	19IT013	DHOUSHINI S	II/III	IT	✓	✓	✓	✓	✓	✓
14.	18CS028	DIVYA PRABA R	III/V	CSE-A	✓	✓	✓	✓	✓	✓
15.	18CS117	VENMATHI.G	II/III	CSE-A	✓	✓	✓	✓	✓	✓
16.	19CS028	JAYASURYA C	II/III	CSE-A	✓	✓	✓	✓	✓	✓
17.	19IT038	PRADHAPDURAI A K	II/III	IT	✓	✓	✓	✓	✓	✓
18.	19IT032	NAVINKUMAR P	II/III	IT	✓	✓	✓	✓	✓	✓
19.	19CS057	VIGNESH.P	II/III	CSE-A	✓	✓	✓	✓	✓	✓
20.	19CS086	RITHIKA V	II/III	CSE-B	✓	✓	✓	✓	✓	✓
21.	20ME559	MANI S	II/III	Attended	✓	✓	✓	✓	✓	✓

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22.	20ME558	LOGESH S	II/III	MECH-A	Logy	Logy	Logy	Logy	Logy	Logy
23.	20ME551	ABDUL RAHMAN A	II/III	MECH-A	Ab	Ab	Ab	Ab	Ab	Ab
24.	19IT033	NIRANJAN V	II/III	IT	Nn	Nn	Nn	Nn	Nn	Nn
25.	19IT036	NIVETHINI D	II/III	IT	Nv	Nv	Nv	Nv	Nv	Nv
26.	19CS111	SHANKAVI M	II/III	CSE-B	Sh	Sh	Sh	Sh	Sh	Sh
27.	19CS089	MANJU V	II/III	CSE-B	Manj	Manj	Manj	Manj	Manj	Manj
28.	19CS001	AKASH KUMAR M R	II/III	CSE-A	Ak	Ak	Ak	Ak	Ak	Ak
29.	19CS005	ASWIN RAJA K	II/III	CSE-A	Asw	Asw	Asw	Asw	Asw	Asw
30.	19CS006	BAVADHARINI E	II/III	CSE-A	Ba	Ba	Ba	Ba	Ba	Ba
31.	19CS007	BAVITHRAN K	II/III	CSE-A	Bv	Bv	Bv	Bv	Bv	Bv
32.	19CS008	BHARATHI V	II/III	CSE-A	Bh	Bh	Bh	Bh	Bh	Bh
33.	19CS009	CHANDHRU G	II/III	CSE-A	Ch	Ch	Ch	Ch	Ch	Ch
34.	18CS095	RAMKUMAR S	II/III	CSE-A	Ra	Ra	Ra	Ra	Ra	Ra
35.	19CS011	DANIEL SANTHOSH Y	II/III	CSE-A	Dn	Dn	Dn	Dn	Dn	Dn
36.	19CS012	DEVADHARSHINI R	II/III	CSE-A	Dev	Dev	Dev	Dev	Dev	Dev
37.	19CS013	DHANEESH M	II/III	CSE-A	Dh	Dh	Dh	Dh	Dh	Dh
38.	19CS014	DHARANESH G	II/III	CSE-A	Dh	Dh	Dh	Dh	Dh	Dh
39.	19CS041	PRADEEPROSHAN R R	II/III	CSE-A	Pr	Pr	Pr	Pr	Pr	Pr
40.	19CS042	PRAVEEN P	II/III	CSE-A	Pr	Pr	Pr	Pr	Pr	Pr
41.	19CS060	YUKENTHIRAN V	II/III	CSE-A	Yu	Yu	Yu	Yu	Yu	Yu
42.	19CS026	JAWAHARBABUR	II/III	CSE-A	Ja	Ja	Ja	Ja	Ja	Ja
43.	19CS061	ATLA GAYATHRI	II/III	CSE-B	At	At	At	At	At	At
44.	19CS063	ATLA SRUTI	II/III	CSE-B	At	At	At	At	At	At
45.	19CS064	BOMMEPALLE HARSHA VARDHAN REDDY	II/III	CSE-B	Bh	Bh	Bh	Bh	Bh	Bh
46.	19CS065	BUCHI DHANUSH	II/III	CSE-B	Bu	Bu	Bu	Bu	Bu	Bu
47.	19CS066	C DINESH	II/III	CSE-B	Cd	Cd	Cd	Cd	Cd	Cd
48.	19CS067	DANDE PAVAN KALYAN	II/III	CSE-B	Dn	Dn	Dn	Dn	Dn	Dn
49.	19CS068	EDDAGOTTI ANIL RAJ	II/III	CSE-B	Ed	Ed	Ed	Ed	Ed	Ed
50.	19CS069	GNANASHANKARAN N	II/III	CSE-B	Gn	Gn	Gn	Gn	Gn	Gn
51.	19CS098	PONNAM MANIKUMAR	II/III	CSE-B	Pn	Pn	Pn	Pn	Pn	Pn
52.	19CS099	PONNAPATI DEEPAK KUMAR REDDY	II/III	CSE-B	Pn	Pn	Pn	Pn	Pn	Pn
53.	19CS100	PONNAPATI DINESH KUMAR REDDY	II/III	CSE-B	Pn	Pn	Pn	Pn	Pn	Pn

Attested

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54.	19CS101	POREDDY RANJITH KUMAR REDDY	II/III	CSE-B	Per	Per	Per	Per	Per	Per
55.	19CS102	POTHUPETA BHARGHAV	II/III	CSE-B	PB	PB	PB	PB	PB	PB
56.	19CS103	TELLA PRASANTH KUMAR	II/III	CSE-B	Q	i	Q	Q	Q	Q
57.	19CS104	RACHURI LOKESH	II/III	CSE-B	R	R	R	R	R	R
58.	19CS105	RITHIKA V	II/III	CSE-B	Per	Per	Per	Per	Per	Per
59.	19CS106	RUDRAPATI VISHNUVARDHAN	II/III	CSE-B	Per	Per	Per	Per	Per	Per
60.	19CS107	SAMUKTHA M	II/III	CSE-B	S	S	S	S	S	S
61.	19CS050	SRIDHAR S	II/III	CSE-A	SP	SP	SP	SP	SP	SP
62.	19CS051	SUDEEP P	II/III	CSE-A	SP	SP	SP	SP	SP	SP
63.	18IT035	KOWSALYA K	II/III	IT	KE	KE	KE	KE	KE	KE

21/7/20  
Course Coordinator

21/7  
HoD

21/7  
Dean -TL

Attested

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## TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD..200110.....

### Certificate of Merit

C.No. : VASD..200110..02.....

This is to certify that **Mr. / Ms. N. SUBASHINI**.....

Department of **Computer Science and Engineering**.....

successfully completed the VASD Course on **Cyber law and Ethics**.....

during **13.07.20 to 18.07.20** conducted by the Technology Learning Centre of the Institution.

*[Signature]*  
21/7/20  
Course Co-ordinator

**Attested**  
*[Signature]*  
**PRINCIPAL,**  
MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS) **DEPT. TL**  
RASIPURAM-637 408, NAMAKKAL DIST.,  
TAMIL NADU.

*[Signature]*  
Principal



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**TECHNOLOGY LEARNING CENTRE**

**TLeG**

**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

Course Code : VASD.200110.....

Certificate of Merit

C.No. : VASD.20011051.....

This is to certify that Mr. / Ms. PONNAM MANIKUMAR

Department of COMPUTER SCIENCE AND ENGINEERING

successfully completed the VASD Course on CYBER LAW AND ETHICS

during 13.07.20 - 16.07.20 conducted by the Technology Learning Centre of the Institution.

Attested

21/7/20  
Course Co-ordinator

MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS)  
HODIPURAM-637 408, NAMAKKAL D-Dean - TL  
TAMIL NADU.

Principal



Estd. 2000

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**TECHNOLOGY LEARNING CENTRE**

**TLeG**

**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

Course Code : VASD.200110.....

C.No. : VASD.20011012.....

## Certificate of Merit

This is to certify that Mr. / Ms. R. SUDHARSA.....

Department of COMPUTER SCIENCE AND ENGINEERING.....  
successfully completed the VASD Course on CYBER LAW AND ETHICS.....

during 13.07.20 - 16.07.20... conducted by the Technology Learning Centre of the Institution.

[Signature]  
21/7/20  
Course Co-ordinator

Attested

[Signature]  
HOD  
PRINCIPAL  
MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS)  
RASIPURAM-637 408, NAMAKKAL Dt. - TL  
TAMILNADU.

[Signature]  
Principal



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## TECHNOLOGY LEARNING CENTRE

**TLeG**

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

### Certificate of Merit

Course Code : VASD...20011027

C.No. : VASD...20011027

This is to certify that Mr. / Ms. V. MANJU

Department of COMPUTER SCIENCE AND ENGINEERING

successfully completed the VASD Course on CYBER LAW AND ETHICS

during 18.07.20 - 18.07.20 conducted by the Technology Learning Centre of the Institution.

21/7/20  
Course Co-ordinator

Attested  
Principal, Muthayammal Engineering College - TL  
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HOD MUTHAYAMMAL ENGINEERING COLLEGE - TL  
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Principal



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**TECHNOLOGY LEARNING CENTRE**

**VASD**

**CSE**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLcG)	<b>Internet of Things</b>	
2.	Course Code	VASD200114	
3.	Title of the Course	IoT in Automobile	
4.	Collaborating / Sponsoring Agency	Computer Society of India	
5.	Duration	From Sep 08-2020 To Sep 16-2020 & 40 hours	
6.	No. of Days/Hours	8 days /40 Hrs	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Mr.R.MaruthuPandiyan
		Designation	Senior Software Engineer
		Address	Senior Software Engineer, Infosys private limited, Mysore, karnataga-570017
		Contact No.	9994855506
		Mail id	maruthupandian22@gmail.com
8.	Students Participated in the Course (List is to be attached)	57	
9.	Budget Utilized (Attach Details in Annexure)	40000	
10.	Outcome of the Course	<ul style="list-style-type: none"> <li>• Fleet Management</li> <li>• Time and Driver management</li> <li>• Connected Cars</li> <li>• Automotive Maintenance System</li> <li>• Autonomous Vehicles</li> <li>• In-vehicle Infotainment and Telematics</li> </ul>	

*[Signature]*  
Course Coordinator  
18/09/20

*[Signature]*  
HoD  
**Attested**  
*[Signature]*  
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*[Signature]*  
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TECHNOLOGY LEARNING CENTRE

VASD

CSE


VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## Course Proposal

September 2020

1.	Name of the Group (TLcG)	<b>Internet of Things</b>
	Collaborating / Sponsoring Agency	Computer Society of India
2.	Duration (in Hours)	Sep 08-2020 To Sep 16-2020 & 40 hours
3.	Title of the Course	<b>IoT in Automobile</b>
4.	Details of the Expert (Attach separate sheet if more than one)	Mr.R.MaruthuPandiyan Senior Software Engineer, Infosys private limited, Mysore, karnataga-570017
5.	No.of Students Participants Expected	75
6.	Proposed Budget ( Attach Details in Annexure)	40000
7.	Coordinator of the Course	Name : V.Karuppuchamy Designation : Assistant Professor Contact No : 9976139701


  
Course Coordinator

  
HoD

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## SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VSD) COURSES

Title of the Course : IoT in Automobile

Group Lead: V.Karuppuchamy

Course Duration: 40 Hours

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	08-09-2020	Hour-1	Lightening the Lamp, Principal Talk, Chief guest Introduction, Resource Person Talk	Mr.R.MaruthuPandiyan Senior Software Engineer
2		Hour-2	Introduction to IoT	
3		Hour-3	Sensors, Devices, and Communication	
4		Hour-4	Embedded Systems	
5		Hour-5	Hardware and Software	
6	09-09-2020	Hour-1	Networking and the Internet	
7		Hour-2	WAN Structure	
8		Hour-3	Networking Components (Lab Tour)	
9		Hour-4	Mobile control vehicle management	

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10		Hour-5	Protocols
11	10-09-2020	Hour-1	TCP/IP Application Layer
12		Hour-2	MANETs
13		Hour-3	Arduino IDE
14		Hour-4	Software   Arduino
15		Hour-5	Hardware   Arduino
16	11-09-2020	Hour-1	Windows - Arduino
17		Hour-2	Downloading and installing the Arduino IDE 2.0
18		Hour-3	C Programming
19		Hour-4	Introduction
20		Hour-5	Data types
21	12-09-2020	Hour-1	Conditional Statements
22		Hour-2	Control Statements
23		Hour-3	practice exercise

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24	12-09-2020	Hour-4	practice exercise	
25		Hour-5	practice exercise	
26	14-09-2020	Hour-1	practice exercise	
27		Hour-2	Project	
28		Hour-3	Fleet Management	
29		Hour-4	IoT in Automobile Industry	
30		Hour-5	vehicle Infotainment and Telematics	
31	15-09-2020	Hour-1	Industry 5.0	Mr.R.MaruthuPandiyan Senior Software Engineer
32		Hour-2	Autonomous Vehicles	
33		Hour-3	Autonomous Vehicles	
34		Hour-4	Automotive Maintenance System	
35		Hour-5	Connected Cars	
36	16-09-2020	Hour-1	Time and Driver management	
37		Hour-2	Deployment in Car	

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38	16-09-2020	Hour-3	Mobility Management	Mr.R.MaruthuPandiyan Senior Software Engineer
39		Hour-4	Vehicle control and management	
40		Hour-5	Online Assessment for Certification	

*[Signature]*  
Course Coordinator

*[Signature]*  
HoD

*[Signature]*  
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## TECHNOLOGY LEARNING CENTRE

VASD

CSE

2020-21

Course Code : VASD200114  
Course Title : IoT in Automobile

### Participants List:

S. No	Roll No	Name of the Student	Year /Sem	Branch /Sec	08-09	09-09	10-09	11-09	12-09	14-09	15-09	16-09
1.	17CS026	HARINIR	IV/VII	CSE/A	H	H	H	H	H	H	H	H
2.	17CS016	DHANUSHYA T	IV/ VII	CSE/A	D	D	D	D	D	D	D	D
3.	17CS058	PUTTA SREE SANDEEP	IV/ VII	CSE/A	P	P	P	P	P	P	P	P
4.	17CS059	SANTHAPURI MAHENDRA	IV/ VII	CSE/A	S	S	S	S	S	S	S	S
5.	17CS035	KAMALA KANNAN C	IV/ VII	CSE/A	K	K	K	K	K	K	K	K
6.	17CS005	N.V.AKALYAA	IV/ VII	CSE/A	N	N	N	N	N	N	N	N
7.	17CS022	P.EZHIL ARASI	IV/ VII	CSE/A	P	P	P	P	P	P	P	P
8.	17CS026	HARINIR	IV/ VII	CSE/A	H	H	H	H	H	H	H	H
9.	17CS050	MURALI DHARAN K	IV/ VII	CSE/A	M	M	M	M	M	M	M	M
10.	17CS058	PUTTA SREE SANDEEP	IV/ VII	CSE/A	P	P	P	P	P	P	P	P
11.	17CS002	ABITHA.M	IV/ VII	CSE/A	A	A	A	A	A	A	A	A
12.	17CS072	SANTHIYA D	IV/ VII	CSE/B	S	S	S	S	S	S	S	S
13.	17CS022	EZHILARASI ?	IV/ VII	CSE/A	E	E	E	E	E	E	E	E
14.	17CS036	KANALA SATISH REDDY	IV/ VII	CSE/A	K	K	K	K	K	K	K	K
15.	17CS044	MANIKANDAN M	IV/ VII	CSE/A	M	M	M	M	M	M	M	M
16.	17CS048	MOHANAPRIYA S	IV/ VII	CSE/A	M	M	M	M	M	M	M	M
17.	17CS003	AJAY JADEJA.D	IV/ VII	CSE/A	A	A	A	A	A	A	A	A
18.	17CS052	NITHYASRI V	IV/ VII	CSE/A	N	N	N	N	N	N	N	N
19.	17CS057	PRASANNA M	IV/ VII	CSE/B	P	P	P	P	P	P	P	P

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20.	17CS063	PRAVEENA M	IV/ VII	CSE/B	A	A	A	A	A	A	A	A
21.	17CS094	VIJAY K	IV/ VII	CSE/B	B	B	B	B	B	B	B	B
22.	17cs053	SAI KRISHNA P V	IV/ VII	CSE/A	S	S	S	S	S	S	S	S
23.	17CS056	PRADEEP ANAND AP	IV/ VII	CSE/A	P	P	P	P	P	P	P	P
24.	17CS001	ABISHEK B.S	IV/ VII	CSE/A	A	A	A	A	A	A	A	A
25.	17CS045	MANNEM PREM SAI	IV/ VII	CSE/A	M	M	M	M	M	M	M	M
26.	17CS037	KARUNAKARAN S	IV/ VII	CSE/A	K	K	K	K	K	K	K	K
27.	17CS079	SOWMIYA D	IV/ VII	CSE/B	S	S	S	S	S	S	S	S
28.	17CS029	IPPAGUNTA INDHUDAR REDDY	IV/ VII	CSE/A	I	I	I	I	I	I	I	I
29.	17CS084	SUBHASHINI E	IV/ VII	CSE/B	S	S	S	S	S	S	S	S
30.	17CS087	SWETHA S	IV/ VII	CSE/B	S	S	S	S	S	S	S	S
31.	17CS066	RAGULPRAKAS H V	IV/ VII	CSE/B	R	R	R	R	R	R	R	R
32.	17CS030	MUNI KISHORE J	IV/ VII	CSE/A	M	M	M	M	M	M	M	M
33.	17CS039	KIRUBAVATHI. K	IV/ VII	CSE/A	K	K	K	K	K	K	K	K
34.	19CS019	GOPI	III/V	CSE/A	G	G	G	G	G	G	G	G
35.	19CS020	GOWTHAM	III/V	CSE/A	G	G	G	G	G	G	G	G
36.	19CS021	GURUSARAN	III/V	CSE/A	G	G	G	G	G	G	G	G
37.	19CS067	DANDE PAVAN KALYAN	III/V	CSE/B	D	D	D	D	D	D	D	D
38.	19CS023	HENDRY CHARLES	III/V	CSE/A	H	H	H	H	H	H	H	H
39.	19CS024	JAGADEESWAR AN	III/V	CSE/A	J	J	J	J	J	J	J	J
40.	19CS025	JAGATH	III/V	CSE/A	J	J	J	J	J	J	J	J
41.	19CS068	EDDAGOTTI ANIL RAJ	III/V	CSE/B	E	E	E	E	E	E	E	E
42.	19CS052	SUDHARSAN	III/V	CSE/A	S	S	S	S	S	S	S	S
43.	19CS053	SUREKA	III/V	CSE/A	S	S	S	S	S	S	S	S
44.	19CS054	SWATHI	III/V	CSE/A	S	S	S	S	S	S	S	S
45.	19CS055	VENKATESAN	III/V	CSE/A	V	V	V	V	V	V	V	V
46.	19CS056	VIDHYASAGAR	III/V	CSE/A	V	V	V	V	V	V	V	V
47.	19CS057	VIGNESH	III/V	CSE/A	V	V	V	V	V	V	V	V
48.	19CS070	GOKULKUMAR M	III/V	CSE/B	G	G	G	G	G	G	G	G
49.	19CS059	VIMALKUMAR	III/V	CSE/A	V	V	V	V	V	V	V	V
50.	19CS060	YUKENTHIRAN	III/V	CSE/A	Y	Y	Y	Y	Y	Y	Y	Y

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51.	19CS113	SOWNDHAR S	III/V	CSE/B	28	28	28	28	28	28	28	28
52.	19CS061	ATLA GAYATHRI	III/V	CSE/B	28	28	28	28	28	28	28	28
53.	19CS063	ATLA SRUTI	III/V	CSE/B	28	28	28	28	28	28	28	28
54.	19CS064	BOMMEPALI E HARSHA VARDHAN REDDY	III/V	CSE/B	28	28	28	28	28	28	28	28
55.	19CS065	BUCHI DHANUSH	III/V	CSE/B	28	28	28	28	28	28	28	28
56.	19CS066	C DINESH	III/V	CSE/B	28	28	28	28	28	28	28	28
57.	19CS067	DANDE PAVAN KALYAN	III/V	CSE/B	28	28	28	28	28	28	28	28

Course Coordinator  
18/11/20

HoD

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**TECHNOLOGY LEARNING CENTRE**

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**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

Course Code : VASD.200.114.....

Certificate of Merit

C.No. : VASD.200.114.52.....

This is to certify that Mr / Ms. **ATLA GAYATHRI**

Department of **COMPUTER SCIENCE AND ENGINEERING**

successfully completed the VASD Course on **IoT IN AUTOMOBILE**

during **06.09.20 - 16.09.20**, conducted by the Technology Learning Centre of the Institution.

Course Co-ordinator  
16/9/20

Attested

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**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

Course Code : VASD.200114.....

**Certificate of Merit**

C.No. : VASD.20011403.....

This is to certify that Mr. / Ms. **PUTTA SREE SANDHEEP**

Department of **COMPUTER SCIENCE AND ENGINEERING**

successfully completed the VASD Course on **IOT IN AUTOMOBILE**

during **08.01.20 - 16.01.20** conducted by the Technology Learning Centre of the Institution.

Course Co-ordinator  
*[Signature]*  
18/1/20

Attested

*[Signature]*  
**MUTHAYAMMAL ENGINEERING COLLEGE**  
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TAMIL NADU  
Deat - TL

*[Signature]*  
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**TECHNOLOGY LEARNING CENTRE**

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**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

Course Code : VASD.200114.....

**Certificate of Merit**

C.No. : VASD.20011408.....

This is to certify that Mr. / Ms. **R. HARINI**

Department of **COMPUTER SCIENCE AND ENGINEERING**

successfully completed the VASD Course on **IoT IN AUTOMOBILE**

during **06.09.20 - 16.09.20** conducted by the Technology Learning Centre of the Institution.

Course Coordinator

Attested

**HOD** PRINCIPAL,  
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**TECHNOLOGY LEARNING CENTRE**

**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

**TLeG**

Course Code : VASD.200114.....

**Certificate of Merit**

C.No. : VASD.20011449.....

This is to certify that Mr. / Ms. **R. VIMAL KUMAR**.....

Department of **COMPUTER SCIENCE AND ENGINEERING**.....

successfully completed the VASD Course on **IoT IN AUTOMOBILE**.....

during **08.09.20-16.09.20**..... conducted by the Technology Learning Centre of the Institution.

**Course Co-ordinator**

**Attested**

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**TECHNOLOGY LEARNING CENTRE**

**VASD**

**CSE**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLcG)	IOT	
2.	Course Code	VASD200134	
3.	Title of the Course	Industrial IOT	
4.	Collaborating / Sponsoring Agency	Computer Society of India	
5.	Duration	From 19-10-2020 To 26-10-2020 & 35 hours	
6.	No. of Days/Hours	7 Days/35	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Mr. Madhan Chandrasekharan
		Designation	Project Leader
		Address	United Arab Emirates
		Contact No.	(91) 99440 70149
		Mail id	gcmadhan@gmail.com
8.	Students Participated in the Course (List is to be attached)	41	
9.	Budget Utilized (Attach Details in Annexure)	10000	
10.	Outcome of the Course	<ul style="list-style-type: none"> <li>Architecture shall be to target a horizontal system of real-world services that are open</li> <li>Minimize raw data and maximize actionable information. Connectivity and Communications.</li> <li>The Internet Gateway Use of Layers &amp; Data Acquisition.</li> </ul>	

**Attested**

Course Coordinator  
30/10/20  
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## TECHNOLOGY LEARNING CENTRE

VASD

CSE

### VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

### Course Proposal

Oct 2020

1.	Name of the Group (TLcG)	IOT
	Collaborating / Sponsoring Agency	Computer Society of India
2.	Duration (in Hours)	Oct 19-2020 To Oct 26-2020 & 35 Hours
3.	Title of the Course	Industrial IOT
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Mr. Madhan Chandrasekharan Designation : Project Leader Address : United Arab Emirates Contact No : +91 99440 70149 Mail Id : gcmadhan@gmail.com
5.	No.of Students Participants Expected	50
6.	Proposed Budget ( Attach Details in Annexure)	10000
7.	Coordinator of the Course	Name : V.Karuppusamy Designation : Assistant Professor Contact No : 9976139701

Course Coordinator

HoD

Approved/Not Approved

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(AUTONOMOUS)  
RASIPURAM-637 408, NAMAKKAL Dist.,  
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MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS)  
RASIPURAM-637 408, NAMAKKAL Dist.  
TAMILNADU.



MUTHAYAMMAL ENGINEERING COLLEGE, RASIPURAM – 637 408  
(Autonomous)



Department of Computer Science and Engineering  
VALUE ADDED COURSE ON INDUSTRIAL IOT

PROGRAM SCHEDULE

TLeG

Date: 19-10-2020 to 26-10-2020

S.NO	DATE & TIME	MODE OF TALK	ACTIVITY	NAME OF THE EXPERTS INTERNAL/EXTERNAL
1.	19.10.2020	Online	Lightening the Lamp, Principal Talk, Chief guest Introduction, Resource Person Talk	Mr. Madhan Chandrasekharan Project Leader United Arab Emirates +91 99440 70149
			Industrial IOT	
			Sensors, Devices, and Communication	
			Embedded Systems Hardware and Software	
2.	20.10.2020	Online	Networking and the Internet	Dr.J.Preetha Associate Professor/CSE MEC
3.	20.10.2020	Online	WAN Structure	Mr.S.R.Sridhar Assistant Professor/CSE MEC
4.	20.10.2020	Online	Networking Components (Lab Tour)	Dr.N.Naveen Kumar Associate Professor/CSE MEC
5.	20.10.2020	Online	Agricultural Monitoring	Dr.J.Preetha Associate Professor/CSE MEC
6.	20.10.2020	Online	Protocols	Mr.S.R.Sridhar Assistant Professor/CSE MEC
7.	21.10.2020	Online	TCP/IP Application Layer	Dr.J.Preetha Associate Professor/CSE MEC

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8.	21.10.2020	Online	MANETs	Mr.S.R.Sridhar Assistant Professor/CSE MEC
9.	21.10.2020	Online	Arduino IDE	Dr.N.Naveen Kumar Associate Professor/CSE MEC
10.	21.10.2020	Online	Software   Arduino	Dr.N.Naveen Kumar Associate Professor/CSE MEC
11.	21.10.2020	Online	Hardware   Arduino	Dr.N.Naveen Kumar Associate Professor/CSE MEC
12.	22.10.2020	Online	Windows - Arduino	Mr.S.R.Sridhar Assistant Professor/CSE MEC
13.	22.10.2020	Online	Downloading and installing the Arduino IDE 2.0	Mr.S.R.Sridhar Assistant Professor/CSE MEC
14.	22.10.2020	Online	C Programming	V.karuppuchamy AP/CSE/MEC
15.	22.10.2020	Online	Introduction	Mr.S.R.Sridhar Assistant Professor/CSE MEC
16.	22.10.2020	Online	Data types	Mr.S.R.Sridhar Assistant Professor/CSE MEC
17.	23.10.2020	Online	Conditional Statements	V.karuppuchamy AP/CSE/MEC
18.	23.10.2020	Online	Control Statements	Mr.S.R.Sridhar Assistant Professor/CSE MEC
19.	23.10.2020	Online	practice exercise	Mr.S.R.Sridhar Assistant Professor/CSE MEC
20.	23.10.2020	Online	practice exercise	V.karuppuchamy AP/CSE/MEC
21.	23.10.2020	Online	practice exercise	Mr.S.R.Sridhar Assistant Professor/CSE MEC
22.	24.10.2020	Online	practice exercise	V.karuppuchamy AP/CSE/MEC
23.	24.10.2020	Online	Project	V.karuppuchamy AP/CSE/MEC

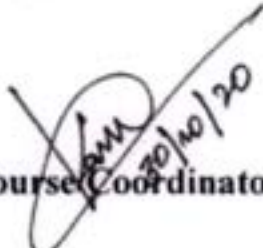
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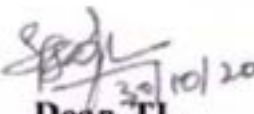
24.	24.10.2020	Online	Precision farming	V.karuppuchamy AP/CSE/MEC
25.	24.10.2020	Online	Sanitizer Machine Project	V.karuppuchamy AP/CSE/MEC
26.	24.10.2020	Online	Predictive analytics for smart farming	Mr.S.R.Sridhar Assistant Professor/CSE MEC
27.	26.10.2020	Online	Automated and remote equipment management and monitoring	V.karuppuchamy AP/CSE/MEC
28.	26.10.2020	Online	The main Industrial IOT applications	V.karuppuchamy AP/CSE/MEC
29.	26.10.2020	Online	Plant safety improvement	V.karuppuchamy AP/CSE/MEC
30.	26.10.2020	Online Test	Online Assessment for Certification& Feedback	V.karuppuchamy AP/CSE/MEC

**Note:**

Online Timing: 10.00 AM to 4.30 PM

  
Course Coordinator  
30/10/20

  
HoD  
30/10/20

  
Dean-TL  
30/10/20

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TLC

## TECHNOLOGY LEARNING CENTRE

VASD

CSE

2020-21

Course Code : VASD200134

Course Title : Industrial IOT

### Participants List

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	19-10-20	20-10-20	21-10-20	22-10-20	23-10-20	24-10-20	26-10-20
1.	18CS001	ABDUL RAHMAN M	III/V	CSE-B	A	A	A	A	A	A	A
2.	18CS025	DENIS RAJA M	III/V	CSE-B	DR	DR	DR	DR	DR	DR	DR
3.	18CS039	HITHAYATH B	II/III	CSE-B	HA	HA	HA	HA	HA	HA	HA
4.	18CS006	ARUN KUMAR	II/III	CSE-A	AK	AK	AK	AK	AK	AK	AK
5.	18CS048	MANNEPALI YASASWINI	III/V	CSE-B	MY	MY	MY	MY	MY	MY	MY
6.	18CS028	DIVYA PRABA R	III/V	CSE-B	DP	DP	DP	DP	DP	DP	DP
7.	18CS061	VELLA TEJASWI	III/V	CSE-B	VT	VT	VT	VT	VT	VT	VT
8.	18CS044	KOYI MAHESH	III/V	CSE-B	KM	KM	KM	KM	KM	KM	KM
9.	18CS089	PREETHI M	III/V	CSE-B	PM	PM	PM	PM	PM	PM	PM
10	18CS016	CHAVA HARSHAVARDHAN	III/V	CSE-A	CH	CH	CH	CH	CH	CH	CH
11	18CS036	GOLLAPUDI GANESH CHOWDARY	III/V	CSE-A	GG	GG	GG	GG	GG	GG	GG
12	18CS019	DAGGUPATI GOPI	III/V	CSE-A	GD	GD	GD	GD	GD	GD	GD
13	19IT013	DHOUSHINI S	III/V	IT	DS	DS	DS	DS	DS	DS	DS
14	18CS028	DIVYA PRABA R	III/V	CSE-A	DP	DP	DP	DP	DP	DP	DP
15	18CS055	PATTE VENKATESH	III/V	CSE-A	PV	PV	PV	PV	PV	PV	PV
16	18CS030	GAJULA PREM SAIDHAR	III/V	CSE-A	GS	GS	GS	GS	GS	GS	GS
17	18CS029	DIVYA SHARON R	III/V	CSE-A	DS	DS	DS	DS	DS	DS	DS
18	18CS035	GOKULAPRIYA R	III/V	CSE-A	GR	GR	GR	GR	GR	GR	GR

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20	18CS003	AKILAN GG	III/V	CSE-B	A <sub>g</sub> A <sub>g</sub> A <sub>g</sub> A <sub>g</sub> A <sub>g</sub> A <sub>g</sub> A <sub>g</sub>
21	18CS002	ABISHEK SK	III/V	MECH-A	A <sub>h</sub> A <sub>h</sub> A <sub>h</sub> A <sub>h</sub> A <sub>h</sub> A <sub>h</sub> A <sub>h</sub>
22	18CS010	BHARATHI C	III/V	MECH-A	B B B B B B B
23	18CS020	DEEPAK K	III/V	MECH-A	k k k k k k k
24	18CS033	GNANA VEL V	III/V	IT	V V V V V V V
25	18CS015	BOOPATHI S	III/V	IT	S S S S S S S
26	18CS026	DHARANIDHARAN D	III/V	CSE-B	D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub>
27	18CS027	DINESH M V	III/V	CSE-B	D <sub>i</sub> D <sub>i</sub> D <sub>i</sub> D <sub>i</sub> D <sub>i</sub> D <sub>i</sub> D <sub>i</sub>
28	18CS041	KAMMA BHANU CHANDRA	III/V	CSE-A	K <sub>B</sub> K <sub>B</sub> K <sub>B</sub> K <sub>B</sub> K <sub>B</sub> K <sub>B</sub> K <sub>B</sub>
29	18CS042	KAMMA LAVANYA	III/V	CSE-A	k <sub>L</sub> k <sub>L</sub> k <sub>L</sub> k <sub>L</sub> k <sub>L</sub> k <sub>L</sub> k <sub>L</sub>
30	18CS057	RAMULAGARI HARINADHA REDDY	III/V	CSE-A	R <sub>a</sub> R <sub>a</sub> R <sub>a</sub> R <sub>a</sub> R <sub>a</sub> R <sub>a</sub> R <sub>a</sub>
31	19CS507	SHARMILA P	III/V	CSE-A	S S S S S S S
32	19CS008	BHARATHI V	III/V	CSE-A	B <sub>h</sub> B <sub>h</sub> B <sub>h</sub> B <sub>h</sub> B <sub>h</sub> B <sub>h</sub> B <sub>h</sub>
33	19CS009	CHANDHRU G	III/V	CSE-A	ch ch ch ch ch ch ch
34	18CS095	RAMKUMAR S	III/V	CSE-A	R <sub>a</sub> R <sub>a</sub> R <sub>a</sub> R <sub>a</sub> R <sub>a</sub> R <sub>a</sub> R <sub>a</sub>
35	19CS011	DANIEL SANTHOSH Y	III/V	CSE-A	D <sub>S</sub> D <sub>S</sub> D <sub>S</sub> D <sub>S</sub> D <sub>S</sub> D <sub>S</sub> D <sub>S</sub>
36	19CS012	DEVADHARSHIN I R	III/V	CSE-A	D <sub>R</sub> D <sub>R</sub> D <sub>R</sub> D <sub>R</sub> D <sub>R</sub> D <sub>R</sub> D <sub>R</sub>
37	19CS013	DHANEESH M	III/V	CSE-A	D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub>
38	19CS014	DHARANESH G	III/V	CSE-A	D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub> D <sub>h</sub>
39	19CS041	PRADEEPROSHA N R R	III/V	CSE-A	P P P P P P P
40	19CS042	PRAVEEN P	III/V	CSE-A	P P P P P P P
41	19CS060	YUKENTHIRAN V	III/V	CSE-A	V V V V V V V

Course Coordinator

HOD

Attested

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TLC

TECHNOLOGY LEARNING CENTRE

TLeG

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

Course Code : VASD 200134

Certificate of Merit

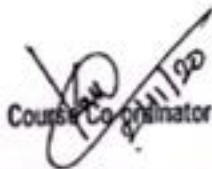
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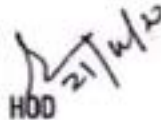
This is to certify that Mr. / Ms. DENIS RAJA M

Department of COMPUTER SCIENCE AND ENGINEERING

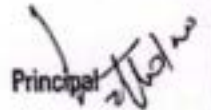
successfully completed the VASD Course on INDUSTRIAL IoT

during 19.10.2020-26.10.2020 conducted by the Technology Learning Centre of the Institution.

  
Course Co-ordinator

  
HOD

  
Dean - TLC

  
Principal

Attested

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TECHNOLOGY LEARNING CENTRE

TLeG

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

Course Code : VASD. 200134

Certificate of Merit

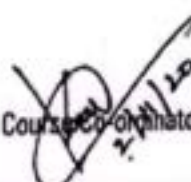
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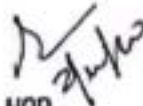
This is to certify that Mr. / Ms. DIVYA PRABA R

Department of COMPUTER SCIENCE AND ENGINEERING

successfully completed the VASD Course on INDUSTRIAL I.D.T

during 19.10.20-26.10.20 conducted by the Technology Learning Centre of the Institution.

  
Course Co-ordinator

  
HOD

  
Dean - TL

  
Principal

Attested

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TECHNOLOGY LEARNING CENTRE

TLeG

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

Course Code : VASD... 200134 .....

Certificate of Merit

C.No. : VASD 20013418 .....

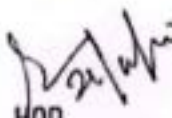
This is to certify that Mr / Ms. GLOKULAPRIYA R .....

Department of COMPUTER SCIENCE AND ENGINEERING .....

successfully completed the VASD Course on INDUSTRIAL IOT .....

during 19.10.20-26.10.20 conducted by the Technology Learning Centre of the Institution.

  
Course Coordinator

  
HOD

  
Dean - TL

  
Principal

Attested

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TECHNOLOGY LEARNING CENTRE

TLeG

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

Course Code : VASD 200134

Certificate of Merit

C.No. : VASD 20013422

This is to certify that Mr / Ms BHARATHI C

Department of COMPUTER SCIENCE AND ENGINEERING

successfully completed the VASD Course on INDUSTRIAL IOT

during 19.10.20-26.10.20 conducted by the Technology Learning Centre of the Institution.

  
Course Coordinator

  
HOD

  
Dean - TLC

  
Principal

Attested

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TECHNOLOGY LEARNING CENTRE

TLeG

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

Course Code : VASD 200134

Certificate of Merit

C.No. : VASD 20013437

This is to certify that Mr. / Ms. DAANEESH M

Department of COMPUTER SCIENCE AND ENGINEERING

successfully completed the VASD Course on INDUSTRIAL IOT

during 19.10.20 - 26.10.20 conducted by the Technology Learning Centre of the Institution.

Course Coordinator  
*[Signature]*

HOD  
*[Signature]*

Dean - TL  
*[Signature]*

Principal  
*[Signature]*

Attested

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## TECHNOLOGY LEARNING CENTRE

VASD

ECE

## VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

### COURSE COMPLETION REPORT [CCR]

1.	Name of the Group (TLcG)	SMART SENSOR	
2.	Course Code	VASD200104	
3.	Title of the Course	Application of Smart Sensors	
4.	Collaborating / Sponsoring Agency	Nil	
5.	Duration	From...08.02.2021...To...13.02.2021	
6.	No. of Days/Hours	6 Days / 30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr.T.R.Ganesh Babu
		Designation	Professor / ECE
		Address	Muthayammal Engineering College, Rasipuram
		Contact No.	7530019373
		Mail id	ganeshbabutr@gmail.com
8.	Students Participated in the Course (List is to be attached)	62	
9.	Budget Utilized (Attach Details in Annexure)	Nil	
10.	Outcome of the Course	The outcome of smart sensor is Cell phone navigation, wearable devices, and autonomous cars all rely on smart sensors in some way. More markets are replacing basic sensor systems with smart ones for their efficiency, ease of use, and advanced communication features. And because these systems are so versatile, they can easily be adopted for different industries and applications.	

Course Coordinator  
*[Signature]*  
16/1/21

HOD  
*[Signature]*  
Attested  
Dean-TE  
*[Signature]*  
16/1/21

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Principal  
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16/1/21



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TECHNOLOGY LEARNING CENTRE

VASD

ECE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## Course Proposal

Jan – June. 2021

1.	Name of the Group (TLeG)	SMART SENSOR
	Collaborating / Sponsoring Agency	-
2.	Duration (in Hours)	30 Hours
3.	Title of the Course	Application of Smart Sensors
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Dr.T.R.Ganesh Babu Designation : Professor / ECE Address : Muthayammal Engineering College, Rasipuram Contact No : 7530019373 Mail Id : ganeshbabutr@gmail.com
5.	No. of Students Participants Expected	62
6.	Proposed Budget ( Attach Details in Annexure)	Nil
7.	Coordinator of the Course	Name : Dr.R.Praveena Designation : Associate Professor Contact No : 9790343138

Course Coordinator

Approved/Not Approved

Dean-TL

Attested

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Principal

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TECHNOLOGY LEARNING CENTRE

VASD

TLC

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## TENTATIVE SCHEDULE OF THE SESSIONS

Name of the Group(TLeG) :SMART SENSORS

Name of the Course :Application of Smart Sensors

TOTAL DURATION : 30 Hours

SESSION	DATE	TIME
Session 1	08.02.2021 - Monday	09:00 am to 02:00 pm
Session 2	09.02.2021 - Tuesday	09:00 am to 02:00 pm
Session 3	10.02.2021 - Wednesday	09:00 am to 02:00 pm
Session 4	11.02.2021 - Thursday	09:00 am to 02:00 pm
Session 5	12.02.2021 - Friday	09:00 am to 02:00 pm
Session 6	13.02.2021 - Saturday	09:00 am to 02:00 pm

Course Coordinator

HOD

Dean-TL

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## TECHNOLOGY LEARNING CENTRE

VASD

1.1

### VALUE ADDITION/SKILLDEVELOPMENT COURSE

2020-21

Name of the Group(TLeG) :SMART SENSORS

Name of the Course :Application of Smart Sensors

TOTAL DURATION : 30 Hours

SESSION	DATE
Session 1	Environmental Parameters Measurement and Monitoring: Why measurement, and monitoring are important, effects of adverse parameters for the living being
Session 2	Sensors: Working Principles: Different types: Selection of Sensors for Practical Applications.
Session 3	Importance and Adoption of Smart Sensors
Session 4	Architecture of Smart Sensors: Important components, their features
Session 5	Usefulness of Silicon Technology in Smart Sensor And Future scope of research in smart sensor
Session 6	Relevance of IoT to Developing World and Research Scope for the Internet of things

Course Coordinator

HOD

Attested Dean-TL

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## TECHNOLOGY LEARNING CENTRE

VASD

ECE

2020-21

Course Code : 200104

Course Title : Application of Smart Sensor

### Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	8/2	9/2	10/2	11/2	12/2	13/2
1	18EC006	K.Akilan	III/VI	ECE/A	Akila	Akila	Akila	Akila	Akila	Akila
2	18EC012	M.ArulMurugan	III/VI	ECE/A	Arul	Arul	Arul	Arul	Arul	Arul
3	18EC013	C.Arunkumar	III/VI	ECE/A	Arunkumar	Arunkumar	Arunkumar	Arunkumar	Arunkumar	Arunkumar
4	18EC022	R.Chandru	III/VI	ECE/A	Chandru	Chandru	Chandru	Chandru	Chandru	Chandru
5	19BM052	M.Varsha	II/IV	BME	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha
6	19EC010	S.Bharaneesh	II/IV	ECE/A	Bharaneesh	Bharaneesh	Bharaneesh	Bharaneesh	Bharaneesh	Bharaneesh
7	19EC001	K.Aakash	II/IV	ECE/A	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash
8	19EC042	Kesavamoorthy	II/IV	ECE/A	Kesava	Kesava	Kesava	Kesava	Kesava	Kesava
9	18EC001	R.Abinaya	III/VI	ECE/A	Abinaya	Abinaya	Abinaya	Abinaya	Abinaya	Abinaya
10	18EC050	Ravaluru Sunil	III/VI	ECE/A	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
11	19EC504	S.Sureka	III/VI	ECE/C	Sureka	Sureka	Sureka	Sureka	Sureka	Sureka
12	19EC503	M.Narmadha	III/VI	ECE/C	Narmadha	Narmadha	Narmadha	Narmadha	Narmadha	Narmadha
13	18EC124	E.Sowmiya	III/VI	ECE/C	Sowmiya	Sowmiya	Sowmiya	Sowmiya	Sowmiya	Sowmiya
14	19EC502	R.Monisha	III/VI	ECE/C	Monisha	Monisha	Monisha	Monisha	Monisha	Monisha
15	19EC507	Thamaraikannan	III/VI	ECE/C	Thamara	Thamara	Thamara	Thamara	Thamara	Thamara
16	19EC505	M.Suresh	III/VI	ECE/C	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh

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17	18EC003	A.AffrinBegam	III/VI	ECE/A	AB	AB	AB	AB	AB	AB
18	18EC023	R.Chandru	III/VI	ECE/A	chand	chand	chand	chand	chand	chand
19	18EC026	S.Devaprasanth	III/VI	ECE/A	Dev	Dev	Dev	Dev	Dev	Dev
20	18EC138	G.Vignesh	III/VI	ECE/C	G.V	G.V	G.V	G.V	G.V	G.V
21	18EC140	G.Vimalraj	III/VI	ECE/C	Vimal	Vimal	Vimal	Vimal	Vimal	Vimal
22	18EC134	M.Suryaprakash	III/VI	ECE/C	MSP	MSP	MSP	MSP	MSP	MSP
23	19BM025	R.Mahalakshmi	II/IV	BME	Maha	Maha	Maha	Maha	Maha	Maha
24	19BM019	B.Karthikeyan	II/IV	BME	Kartha	Kartha	Kartha	Kartha	Kartha	Kartha
25	19BM020	E.Karthikeyan	II/IV	BME	Kartha	Kartha	Kartha	Kartha	Kartha	Kartha
26	20EC046	N.Gokul	I/II	ECE	Gokul	Gokul	Gokul	Gokul	Gokul	Gokul
27	19BM031	M.Banu	III/V	BME	Banu	Banu	Banu	Banu	Banu	Banu
28	18EC001	R.Abinaya	III/V	ECE/A	Abi	Abi	Abi	Abi	Abi	Abi
29	18EC050	Ravaluru Sunil	III/V	ECE/A	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
30	19BM041	V.Sathya	II/IV	BME	Sathya	Sathya	Sathya	Sathya	Sathya	Sathya
31	19BM051	P.J.Ullash	II/IV	BME	Ullash	Ullash	Ullash	Ullash	Ullash	Ullash
32	19BM021	M.Kavin	II/IV	BME	Kavin	Kavin	Kavin	Kavin	Kavin	Kavin
33	19BM040	S.Sathishkumar	II/IV	BME	Sath	Sath	Sath	Sath	Sath	Sath
34	19BM014	G.Janani	II/IV	BME	G.Jan	G.Jan	G.Jan	G.Jan	G.Jan	G.Jan
35	19BM018	S.Kamali	II/IV	BME	Kamali	Kamali	Kamali	Kamali	Kamali	Kamali
36	19MD021	E.Theerthamal	II/IV	MDE	Theer	Theer	Theer	Theer	Theer	Theer
37	19MD009	A.Jamuna	II/IV	MDE	Jamun	Jamun	Jamun	Jamun	Jamun	Jamun
38	19MD017	H.Saranya	II/IV	MDE	Sarany	Sarany	Sarany	Sarany	Sarany	Sarany
39	19MD015	R.Rahul	II/IV	MDE	R.Rahul	R.Rahul	R.Rahul	R.Rahul	R.Rahul	R.Rahul
40	19MD038	R.Rithika	II/IV	MDE	Rithi	Rithi	Rithi	Rithi	Rithi	Rithi
41	19MD022	L.Thirishiya	II/IV	MDE	Thirish	Thirish	Thirish	Thirish	Thirish	Thirish
42	19BM011	Gokila	II/IV	BME	Gokila	Gokila	Gokila	Gokila	Gokila	Gokila
43	19MD003	R.Ajith	II/IV	MDE	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith

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44	19MD014	A.Poovarasam	II/IV	MDE	Ash	Ash	Ash	Ash	Ash	Ash
45	19EC099	V.Srishoba	II/IV	ECE	Vsrish	Vsrish	Vsrish	Vsrish	Vsrish	Vsrish
46	19EC111	J.TheergaAiswarya	II/IV	ECE	Jth	Jth	Jth	Jth	Jth	Jth
47	20EC509	S.Kowshika	II/IV	ECE	S.Kowshika	S.Kowshika	S.Kowshika	S.Kowshika	S.Kowshika	S.Kowshika
48	20EC512	S.Shrinidhi	II/IV	ECE	S.Shrinidhi	S.Shrinidhi	S.Shrinidhi	S.Shrinidhi	S.Shrinidhi	S.Shrinidhi
49	19EC108	S.Tamilarasi	II/IV	ECE	S.Tai	S.Tai	S.Tai	S.Tai	S.Tai	S.Tai
50	19EC112	S.UmeraBanu	II/IV	ECE	Uera	Uera	Uera	Uera	Uera	Uera
51	18EC091	M.Menaka	III/VI	ECE/B	Menaka	Menaka	Menaka	Menaka	Menaka	Menaka
52	18EC003	A.AffrinBegam	III/VI	ECE/A	Affrin	Affrin	Affrin	Affrin	Affrin	Affrin
53	18EC091	Menaka M	III/VI	ECE/A	Menaka	Menaka	Menaka	Menaka	Menaka	Menaka
54	18EC092	Monisha S	III/VI	ECE/C	Monisha	Monisha	Monisha	Monisha	Monisha	Monisha
55	18EC102	Partha Sarathi K	III/VI	ECE/C	Partha	Partha	Partha	Partha	Partha	Partha
56	18EC106	Priyadarshini S	III/VI	ECE/C	Priya	Priya	Priya	Priya	Priya	Priya
57	18EC123	Sneha R	III/VI	ECE/C	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha
58	18EC137	Valarmathi P	III/VI	ECE/C	Valarmathi	Valarmathi	Valarmathi	Valarmathi	Valarmathi	Valarmathi
59	18EC141	Yuvaraj K	III/VI	ECE/C	Yuvaraj	Yuvaraj	Yuvaraj	Yuvaraj	Yuvaraj	Yuvaraj
60	19EC504	Sureka S	III/VI	ECE/A	Sureka	Sureka	Sureka	Sureka	Sureka	Sureka
61	18EC108	Rohith S W	III/VI	ECE/A	Rohith	Rohith	Rohith	Rohith	Rohith	Rohith
62	18EC113	Santhosh P	III/VI	ECE/A	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh

*R. Jee*  
Course Coordinator

*S. J. M.*  
HoD

*S. J. M.*  
Dean -II

Attested

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**TLC**

**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

**TLeG**

Course Code : VASD.....200104.....

C.No. : VASD.....20DEC.04G.....

## Certificate of Merit

This is to certify that Mr. / Ms. GLOKULAN.....

Department of ELECTRONICS AND COMMUNICATION..... ENGINEERING.....  
successfully completed the VASD Course on APPLICATION OF SMART SENSOR.....

during 8.2.2021 to 13.2.2021. conducted by the Technology Learning Centre of the Institution.

Course Coordinator

Attested

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TAMILNADU.

Principal [Signature]



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**TLC**

**TECHNOLOGY LEARNING CENTRE**

**VASD**

**ECE**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**EVENT COMPLETION REPORT [ECR]**

1.	Name of the Group (TLeG)	VLSI Group	
2.	Course Code	VASD200105	
3.	Title of the Course	Fundamentals of Low - Power VLSI Design	
4.	Collaborating / Sponsoring Agency	-	
5.	Duration	From 05.10.2020 To 14.10.2020	
6.	No. of Days/Hours	40 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr.T.Kowsalya
		Designation	Professor/ECE
		Address	Muthayammal Engineering College Rasipuram
		Contact No.	9790319031
		Mail id	kowsalya.t.ece@mec.edu.in
8.	Students Participated in the Course	55	
9.	Budget Utilized	Nil	
10.	Outcome of the Course	<ul style="list-style-type: none"> <li>• Power Dissipation</li> <li>• Power Estimation</li> <li>• Modeling</li> <li>• Software Approaches</li> </ul>	

*[Signature]*  
Course Coordinator

*[Signature]*  
HOD

*[Signature]*  
Date: 16/10/20

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TLC

**TECHNOLOGY LEARNING CENTRE**

VASD

ECE

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

2020-21

**Course Proposal**

**JULY - DECEMBER 2020**

1.	Name of the Group (TLeG)	VLSI Group
	Collaborating / Sponsoring Agency	-
2.	Duration (in Hours)	40
3.	Title of the Course	Fundamentals of Low - Power VLSI Design
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Dr.T.Kowsalya Designation : Professor Address : Muthayammal Engineering College Contact No : 9790319031 Mail id : kowsalya.t.ece@mec.edu.in
5.	No.of Students Participants Expected	55
6.	Proposed Budget ( Attach Details in Annexure)	-
7.	Coordinator of the Course	Name : Dr.K.Radhika Designation : Professor Contact No : 9894916389

*[Signature]*  
 Course Coordinator  
 22/10/20

*[Signature]*  
 H&D

Approved/Not Approved

*[Signature]*  
 Dean-TL  
 22/10/20

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**Technology Learning Group (TLeG)**

**VLSI Group**

**SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VASD) COURSE**

S.No.	Date	Topic
1	05.10.2020	Introduction- Need for Low Power Circuit Design- Sources of Power Dissipation
2	06.10.2020	Short-Channel Effects- Short- Circuit Power Dissipation, Switching Power Dissipation, Glitching Power Dissipation, Leakage Power Dissipation.
3	07.10.2020	Leakage Power Minimization, Supply voltage scaling for low power: Introduction
4	08.10.2020	Device Features Size Scaling, Architecture-Level Approaches, Voltage Scaling,
5	09.10.2020	Multilevel Voltage Scaling, Challenges, Dynamic Voltage And Frequency Scaling,
6	10.10.2020	Adaptive Voltage Scaling. Low-Power Gate-Level Design-Low Power Architecture-Level Design
7	12.10.2020	Algorithmic-Level Power Reduction- RTL Techniques for Optimizing Power - power issues at system
8	13.10.2020	Algorithm, Architecture and OS level, power issues in memory. Low Power Applications
9	14.10.2020	Low-Power Software Approaches & Feedback Collection

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Course Coordinator

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10/10/20

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TLC

# TECHNOLOGY LEARNING CENTRE

VASD

ECE

2020-21

Course Code : VASD200105

Course Title : Fundamentals of Low - Power VLSI Design

### Participants List:

S. No.	Name of the Student	Year /Sem	Branch /Sec	5/10	6/10	7/10	8/10	11/10	12/10	13/10	14/10
1.	R.Sneka	III/V	ECE/C	P.Sneka	P.Sneka	P.Sneka	P.Sneka	P.Sneka	P.Sneka	P.Sneka	P.Sneka
2.	M.Subiksha	III/V	ECE/C	M.Subiksha	M.Subiksha	M.Subiksha	M.Subiksha	M.Subiksha	M.Subiksha	M.Subiksha	M.Subiksha
3.	S.Susmitha	III/V	ECE/C	S.Susmitha	S.Susmitha	S.Susmitha	S.Susmitha	S.Susmitha	S.Susmitha	S.Susmitha	S.Susmitha
4.	P.Valarmathi	III/V	ECE/C	P.Valarmathi	P.Valarmathi	P.Valarmathi	P.Valarmathi	P.Valarmathi	P.Valarmathi	P.Valarmathi	P.Valarmathi
5.	B.Mahithwin	II/III	ECE/A	B.Mahithwin	B.Mahithwin	B.Mahithwin	B.Mahithwin	B.Mahithwin	B.Mahithwin	B.Mahithwin	B.Mahithwin
6.	R.Jaganraj	II/III	ECE/A	R.Jaganraj	R.Jaganraj	R.Jaganraj	R.Jaganraj	R.Jaganraj	R.Jaganraj	R.Jaganraj	R.Jaganraj
7.	C.Karthick	II/III	ECE/A	C.Karthick	C.Karthick	C.Karthick	C.Karthick	C.Karthick	C.Karthick	C.Karthick	C.Karthick
8.	V.R.Manoj	II/III	ECE/A	V.R.Manoj	V.R.Manoj	V.R.Manoj	V.R.Manoj	V.R.Manoj	V.R.Manoj	V.R.Manoj	V.R.Manoj
9.	R.Haribaran	II/III	ECE/A	R.Haribaran	R.Haribaran	R.Haribaran	R.Haribaran	R.Haribaran	R.Haribaran	R.Haribaran	R.Haribaran
10.	B.Karankumar	II/III	ECE/A	B.Karankumar	B.Karankumar	B.Karankumar	B.Karankumar	B.Karankumar	B.Karankumar	B.Karankumar	B.Karankumar
11.	A.Karthickraja	II/III	ECE/A	A.Karthickraja	A.Karthickraja	A.Karthickraja	A.Karthickraja	A.Karthickraja	A.Karthickraja	A.Karthickraja	A.Karthickraja
12.	G.Karuppasamy	II/III	ECE/A	G.Karuppasamy	G.Karuppasamy	G.Karuppasamy	G.Karuppasamy	G.Karuppasamy	G.Karuppasamy	G.Karuppasamy	G.Karuppasamy
13.	S.Balaji	II/III	ECE/A	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji
14.	G.Devanathan	II/III	ECE/A	G.Devanathan	G.Devanathan	G.Devanathan	G.Devanathan	G.Devanathan	G.Devanathan	G.Devanathan	G.Devanathan
15.	P.Naveenraj	II/III	ECE/A	P.Naveenraj	P.Naveenraj	P.Naveenraj	P.Naveenraj	P.Naveenraj	P.Naveenraj	P.Naveenraj	P.Naveenraj
16.	J.Madhavarajan	II/III	ECE/A	J.Madhavarajan	J.Madhavarajan	J.Madhavarajan	J.Madhavarajan	J.Madhavarajan	J.Madhavarajan	J.Madhavarajan	J.Madhavarajan
17.	N.Dineshkumar	II/III	ECE/A	N.Dineshkumar	N.Dineshkumar	N.Dineshkumar	N.Dineshkumar	N.Dineshkumar	N.Dineshkumar	N.Dineshkumar	N.Dineshkumar
18.	M.Dinesh	II/III	ECE/A	M.Dinesh	M.Dinesh	M.Dinesh	M.Dinesh	M.Dinesh	M.Dinesh	M.Dinesh	M.Dinesh
19.	T.Harishankar	II/III	ECE/A	T.Harishankar	T.Harishankar	T.Harishankar	T.Harishankar	T.Harishankar	T.Harishankar	T.Harishankar	T.Harishankar

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21.	Riyasdeen A	II/IV	ECE/C	Rud	Rud	Rud	Rud	Rud	Rud	Rud	Rud	Rud
22.	Sanjay R	II/IV	ECE/C	R. Sanj	R. Sanj	R. Sanj	R. Sanj	R. Sanj	R. Sanj	R. Sanj	R. Sanj	R. Sanj
23.	Sathoesh Kumar R	II/IV	ECE/C	R. Satho	R. Satho	R. Satho	R. Satho	R. Satho	R. Satho	R. Satho	R. Satho	R. Satho
24.	T.R.Suriendrann	II/IV	ECE/C	w.	w.	w.	w.	w.	w.	w.	w.	w.
25.	A.Harikrishna	II/IV	ECE/A	Har	Har	Har	Har	Har	Har	Har	Har	Har
26.	B.Teja Vardhan Reddy	II/IV	ECE/A	Tej	Tej	Tej	Tej	Tej	Tej	Tej	Tej	Tej
27.	BommasaniBalakri shna	II/IV	ECE/A	Bu	Bu	Bu	Bu	Bu	Bu	Bu	Bu	Bu
28.	G. Rakesh Reddy	II/IV	ECE/A	Ru	Ru	Ru	Ru	Ru	Ru	Ru	Ru	Ru
29.	I. Siva Krishna	II/IV	ECE/A	Su	Su	Su	Su	Su	Su	Su	Su	Su
30.	K.Kishore	II/IV	ECE/A	Ku	Ku	Ku	Ku	Ku	Ku	Ku	Ku	Ku
31.	Komiri Pradeep	II/IV	ECE/A	komir	komir	komir	komir	komir	komir	komir	komir	komir
32.	KongaNagendra Prasad Reddy	II/IV	ECE/A	kon	kon	kon	kon	kon	kon	kon	kon	kon
33.	Mydukuru Ganesh	II/IV	ECE/A	My	My	My	My	My	My	My	My	My
34.	P.Vinay Kumar	II/IV	ECE/A	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin	Vin
35.	P.Sathish	II/IV	ECE/A	Sath	Sath	Sath	Sath	Sath	Sath	Sath	Sath	Sath
36.	Perakam Girish	II/IV	ECE/A	Per	Per	Per	Per	Per	Per	Per	Per	Per
37.	P.Balaji	II/IV	ECE/A	Bal	Bal	Bal	Bal	Bal	Bal	Bal	Bal	Bal
38.	RaghavarajuJaswan th Varma	II/IV	ECE/A	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra
39.	S.Amarnath Reddy	II/IV	ECE/A	Am	Am	Am	Am	Am	Am	Am	Am	Am
40.	S.Hemanth Kumar	II/IV	ECE/A	He	He	He	He	He	He	He	He	He
41.	SK. Masthan	II/IV	ECE/C	Mas	Mas	Mas	Mas	Mas	Mas	Mas	Mas	Mas
42.	SK. Parvez	II/IV	ECE/C	Par	Par	Par	Par	Par	Par	Par	Par	Par
43.	T. Nikhil	II/IV	ECE/C	Nikh	Nikh	Nikh	Nikh	Nikh	Nikh	Nikh	Nikh	Nikh
44.	Y.Anjaneyulu	II/IV	ECE/C	Anj	Anj	Anj	Anj	Anj	Anj	Anj	Anj	Anj
45.	V.S.Karthick	II/IV	ECE/A	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.
46.	S.Ramanikanth	II/IV	ECE/A	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra
47.	P.VishnuPriya	II/IV	ECE/A	P.Vi	P.Vi	P.Vi	P.Vi	P.Vi	P.Vi	P.Vi	P.Vi	P.Vi
48.	R.Shannthoshi	II/IV	ECE/A	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra	Ra
49.	M.Shekmusaraf	II/IV	ECE/A	She	She	She	She	She	She	She	She	She

50.	A.Sindhuja	II/IV	ECE/A	Sindhuja	Sindhuja	Sindhuja	Sindhuja	Sindhuja	Sindhuja	Sindhuja	Sindhuja
51.	B.Sivaramakrishna	II/IV	ECE/A	SBj	SBj	SBj	SBj	SBj	SBj	SBj	SBj
52.	P.Solaikumar	II/IV	ECE/A	P.Solaikumar	P.Solaikumar	P.Solaikumar	P.Solaikumar	P.Solaikumar	P.Solaikumar	P.Solaikumar	P.Solaikumar
53.	P.Sowndarya	II/IV	ECE/A	P.Sowndarya	P.Sowndarya	P.Sowndarya	P.Sowndarya	P.Sowndarya	P.Sowndarya	P.Sowndarya	P.Sowndarya
54.	A.Praveen Kumar	II/IV	ECE/A	APK	APK	APK	APK	APK	APK	APK	APK
55.	S.P.PriestlyHaberler	II/IV	ECE/A	SPPH	SPPH	SPPH	SPPH	SPPH	SPPH	SPPH	SPPH

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Course Coordinator

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HoB

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Attested  
  
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**MUTHYAMMAL ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**RASIPURAM-637 408, NAMAKKAL Dist.,**  
**TAMILNADU.**



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**TLC**

## TECHNOLOGY LEARNING CENTRE Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLog**

Course Code : VASD.200105.....

C.No. : VASD.....17.....

### Certificate of Merit

This is to certify that Mr. / Ms. N. DINESHKUMAR

Department of ELECTRONICS AND COMMUNICATION ENGINEERING

successfully completed the VASD Course on FUNDAMENTALS OF LON - POWER VLSI DESIGN

during D.E., 2020 - 14.10.2020 conducted by the Technology Learning Centre of the Institution.

*[Signature]*  
Course Co-ordinator

*[Signature]*  
HOD  
MUTHAYAMMAL ENGINEERING (AUTONOMOUS) Dept. TL  
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TAMILNADU.

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**TECHNOLOGY LEARNING CENTRE**

VASD

ECE

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

2020-21

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLeG)	Signal Processing	
2.	Course Code	VASD200106	
3.	Title of the Course	Signal Processing and its application	
4.	Collaborating / Sponsoring Agency	Nil	
5.	Duration	From 23.11.2020 TO 28.11.2020	
6.	No. of Days/Hours	30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr.T.Kowsalya
		Designation	Professor / ECE
		Address	Muthayammal Engineering College, Rasipuram
		Contact No.	9790319031
		Mail id	kowsalya.t.ece@mec.edu.in
8.	Students Participated in the Course (List is to be attached)	60	
9.	Budget Utilized (Attach Details in Annexure)	-	
10.	Outcome of the Course	<ul style="list-style-type: none"> <li>The mathematical description and representation of signals and systems.</li> <li>Develop input output relationship for linear shift invariant system and understand the convolution operator for system.</li> <li>Understand and resolve the signals in frequency domain using Fourier series and Fourier transforms.</li> <li>The limitations of Fourier transform and need for Laplace transform and develop the ability to analyze the system in s- domain.</li> </ul>	

*[Signature]*  
Course Coordinator

*[Signature]*  
HOD

*[Signature]*  
Dean-TL

*[Signature]*  
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TECHNOLOGY LEARNING CENTRE

VASD

ECE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

Course Proposal

July - Dec 2020

1.	Name of the Group (TLcG)	SIGNAL PROCESSING
	Collaborating / Sponsoring Agency	-
2.	Duration (in Hours)	30 Hours
3.	Title of the Course	Signal Processing and its application
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Dr.T.Kowsalya Designation : Professor / ECE Address : Muthayammal Engineering College, Rasipuram Contact No : 9790319031 Mail Id : kowsalya.t.ece@mec.edu.in
5.	No. of Students Participants Expected	60
6.	Proposed Budget ( Attach Details in Annexure)	Nil
7.	Coordinator of the Course	Name : Dr. C. Selvi Designation : Associate Professor Contact No : 9788078304

*CSL* 21/11/20  
Course Coordinator

*[Signature]*  
HoD

Approved/Not Approved

*[Signature]* 21/11/20  
Dean-TL

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**MUTHAYAMMAL ENGINEERING COLLEGE  
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RASIPURAM - 637 408  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Date: 20.12.2020

**BUDGET UTILIZED**

**INCOME**

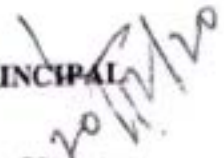
S.No	Particulars	Amount in Rs.
1.	Registration Fees	Nil
Total		Nil

**EXPENDITURE**

S.No	Particulars	Amount in Rs.
1.	Resource Person Honorarium	Nil
Total		Nil

  
Course Coordinator

  
HOD

  
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# TECHNOLOGY LEARNING CENTRE

VASD

ECE

2020-21

Course Code : VASD200106  
Course Title : Signal Processing and its Application

### Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	23/11	24/11	25/11	26/11	27/11	28/11
1	18EC002	ABIRAMI R	III / V	ECE - A	Abirami	Abirami	Abirami	Abirami	Abirami	Abirami
2	18EC011	ANUSA G	III / V	ECE - A	Anusag	Anusag	Anusag	Anusag	Anusag	Anusag
3	18EC062	GIRI RAMANA	III / V	ECE - B	Girirama	Girirama	Girirama	Girirama	Girirama	Girirama
4	18EC068	GOWTHAM S	III / V	ECE - B	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham
5	18EC071	GUNASHEELAN G	III / V	ECE - B	Gunasheelan	Gunasheelan	Gunasheelan	Gunasheelan	Gunasheelan	Gunasheelan
6	18EC079	KARTHICK N R	III / V	ECE - B	Karthick	Karthick	Karthick	Karthick	Karthick	Karthick
7	18EC084	KRISHNAMOORTHY S	III / V	ECE - B	Krishnamoorthy	Krishnamoorthy	Krishnamoorthy	Krishnamoorthy	Krishnamoorthy	Krishnamoorthy
8	18EC096	MUTHULAKSHMI S	III / V	ECE - A	Muthulakshmi	Muthulakshmi	Muthulakshmi	Muthulakshmi	Muthulakshmi	Muthulakshmi
9	18EC104	PRAVEEN P	III / V	ECE - B	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen
10	18EC116	SHARMILA D	III / V	ECE - B	Sharmila	Sharmila	Sharmila	Sharmila	Sharmila	Sharmila
11	18EC117	SHARMILA R	III / V	ECE - B	Sharmila	Sharmila	Sharmila	Sharmila	Sharmila	Sharmila
12	18EC119	SIREESHA A	III / V	ECE - B	Sireesha	Sireesha	Sireesha	Sireesha	Sireesha	Sireesha
13	18EC001	ABINAYA R	III / V	ECE - B	Abinaya	Abinaya	Abinaya	Abinaya	Abinaya	Abinaya
14	18EC097	NAVEEN KUMAR G	III / V	ECE - A	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
15	18EC098	NAVEEN KUMAR M	III / V	ECE - A	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
16	18EC099	NAVEEN KUMAR P	III / V	ECE - B	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
17	18EC100	NISHA V	III / V	ECE - B	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha
18	18EC101	NIVETHA E	III / V	ECE - B	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha
19	18EC102	PARTHA SARATHI K	III / V	ECE - B	Parthasarathi	Parthasarathi	Parthasarathi	Parthasarathi	Parthasarathi	Parthasarathi
20	18EC103	PRASANTH N	III / V	ECE - B	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth
21	18EC104	PRAVEEN P	III / V	ECE - B	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen
22	18EC105	PRIYA S	III / V	ECE - B	Priya	Priya	Priya	Priya	Priya	Priya
23	18EC106	PRIYADHARSHINI S	III / V	ECE - B	Priyadharshini	Priyadharshini	Priyadharshini	Priyadharshini	Priyadharshini	Priyadharshini
24	18EC107	PRIYANKA K	III / V	ECE - B	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
25	18EC108	ROMITH S W	III / V	ECE - B	Romith	Romith	Romith	Romith	Romith	Romith
26	18EC109	RUBHAPRIYADHARSHINI S	III / V	ECE - B	Rubhadharshini	Rubhadharshini	Rubhadharshini	Rubhadharshini	Rubhadharshini	Rubhadharshini
27	18EC110	SAJITH K	III / V	ECE - B	Sajith	Sajith	Sajith	Sajith	Sajith	Sajith
28	18EC111	SAKTHI S	III / V	ECE - B	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi

29	18EC112	SANJAI K	III / V	ECE - B	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai
30	18EC113	SANTHOSH P	III / V	ECE - B	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
31	18EC134	SURYAPRAKASH M	III / V	ECE - B	Suryaprakash	Suryaprakash	Suryaprakash	Suryaprakash	Suryaprakash	Suryaprakash
32	18EC135	TAMIZHARASAN M	III / V	ECE - B	Tamizharasan	Tamizharasan	Tamizharasan	Tamizharasan	Tamizharasan	Tamizharasan
33	18EC136	THARA T	III / V	ECE - B	Thara	Thara	Thara	Thara	Thara	Thara
34	18EC137	VALARMATHI P	III / V	ECE - B	Valarmathi	Valarmathi	Valarmathi	Valarmathi	Valarmathi	Valarmathi
35	18EC138	VIGNESH G	III / V	ECE - B	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
36	18EC139	VIJAYRATHNA S	III / V	ECE - B	Vijayarathna	Vijayarathna	Vijayarathna	Vijayarathna	Vijayarathna	Vijayarathna
37	19EC061	MATHEESKUMAR D	II/III	ECE - B	Matheeskumar	Matheeskumar	Matheeskumar	Matheeskumar	Matheeskumar	Matheeskumar
38	19EC062	MANIKANDAN B	II/III	ECE - B	Manikandan	Manikandan	Manikandan	Manikandan	Manikandan	Manikandan
39	19EC063	PADMESH D	II/III	ECE - B	Padmesh	Padmesh	Padmesh	Padmesh	Padmesh	Padmesh
40	19EC064	POOJA J	II/III	ECE - B	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
41	19EC065	PRABU A	II/III	ECE - B	Prabu	Prabu	Prabu	Prabu	Prabu	Prabu
42	19EC066	PRATHOSHINI T	II/III	ECE - B	Prathoshini	Prathoshini	Prathoshini	Prathoshini	Prathoshini	Prathoshini
43	19EC067	PRAVEEN KUMAR A	II/III	ECE - B	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen
44	19EC068	PRIESTLY HABERLER S P	II/III	ECE - B	Priestly	Priestly	Priestly	Priestly	Priestly	Priestly
45	19EC069	PRIYADHARSHINI M	II/III	ECE - B	Priyadharshini	Priyadharshini	Priyadharshini	Priyadharshini	Priyadharshini	Priyadharshini
46	19EC070	PRIYANGA K	II/III	ECE - B	Priyanga	Priyanga	Priyanga	Priyanga	Priyanga	Priyanga
47	19EC071	PUAKAZHENTHI B	II/III	ECE - B	Puakazhenth	Puakazhenth	Puakazhenth	Puakazhenth	Puakazhenth	Puakazhenth
48	19EC072	RAGULRAJ M	II/III	ECE - B	Ragulraj	Ragulraj	Ragulraj	Ragulraj	Ragulraj	Ragulraj
49	19EC073	RAJKUMAR K	II/III	ECE - B	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar
50	19EC074	RAJKUMAR S	II/III	ECE - B	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar
51	19EC075	RANJITH K G	II/III	ECE - B	Ranjith	Ranjith	Ranjith	Ranjith	Ranjith	Ranjith
52	19EC076	RITHIKA S	II/III	ECE - B	Rithika	Rithika	Rithika	Rithika	Rithika	Rithika
53	19EC077	RIYASDEEN A	II/III	ECE - B	Riyasdeen	Riyasdeen	Riyasdeen	Riyasdeen	Riyasdeen	Riyasdeen
54	19EC078	ROGESH R	II/III	ECE - B	Rogesh	Rogesh	Rogesh	Rogesh	Rogesh	Rogesh
55	19EC080	SABARI S	II/III	ECE - B	Sabari	Sabari	Sabari	Sabari	Sabari	Sabari
56	19EC081	SABITHA J	II/III	ECE - B	Sabitha	Sabitha	Sabitha	Sabitha	Sabitha	Sabitha
57	19EC082	SAJITH S	II/III	ECE - B	Sajith	Sajith	Sajith	Sajith	Sajith	Sajith
58	19EC083	SANJAY R	II/III	ECE - B	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
59	19EC084	SANJAY T	II/III	ECE - B	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
60	19EC085	SANTHOSH KUMAR B	II/III	ECE - B	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh

Course Coordinator

HO

Dean - IT

Attested

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**TECHNOLOGY LEARNING CENTRE**  
Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD..200.10.6.....

## Certificate of Merit

C.No. : VASD...20.....

This is to certify that Mr. / Ms. ....ANAND...N.....

Department of ....**ELECTRONICS AND COMMUNICATION ENGINEERING**.....  
successfully completed the VASD Course on ..**SIGNAL PROCESSING AND ITS APPLICATION**.....  
during ..**23.11.2020-24.11.2020**, conducted by the Technology Learning Centre of the Institution.

  
Course Co-ordinator

  
HOD

  
Dean

  
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**TECHNOLOGY LEARNING CENTRE**

**VASD**

**ECE**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLG)	Antenna Group	
2.	Course Code	VASD200108	
3.	Title of the Course	Basics of Antenna Design	
4.	Collaborating / Sponsoring Agency	IETE	
5.	Duration	From 14.09.2020 To 12.10.2020	
6.	No. of Days/Hours	30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Er. V.Rajkumar
		Designation	Engineer - Technical
		Address	Sinetec Technologies, Coimbatore.
		Contact No.	+91 9787089254
		Mail id	rajkumar@sinetec.in
8.	Students Participated in the Course (List is to be attached)	55	
9.	Budget Utilized (Attach Details in Annexure)	-	
10.	Outcome of the Course	<p>Students can able to :</p> <ul style="list-style-type: none"> <li>• Explain the concept of antenna parameters</li> <li>• List CAD Tools for antenna designing</li> <li>• Model simple antenna</li> </ul>	

*[Signature]*  
15/10/20  
Course Coordinator

*[Signature]*  
HoD

*[Signature]*  
15/10/20  
Dean-TL

*[Signature]*  
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**TECHNOLOGY LEARNING CENTRE**

ECE

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

2020-21

CCR – Enclosures

Name of the Group (TLG) : Antenna Group

Name of the Course : Basics of Antenna Design

Course Conducted (In Hours) : 30 Hrs.

Sl. No.	Description	Enclosed or not (Please put Tick Mark only)
1.	Course Proposal	✓
2.	Budget Proposed	✓
3.	Course Schedule	✓
4.	Expert Invitation & Thanks Letter	✓
5.	Acceptance Letter from Expert	-
6.	Expert Profile	✓
7.	Course Syllabus	✓
8.	Course Material (Annexure)	✓
9.	List of Participants	✓
10.	Expert Feedback	-
11.	Participants Feedback	-
12.	Photos	-
13.	Budget Utilization	-
14.	Certificate	✓

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TECHNOLOGY LEARNING CENTRE

VASD

ECE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## Course Proposal

July – November 2020

1.	Name of the Group (TLeG)	Antenna Group
	Collaborating / Sponsoring Agency	IETE
2.	Duration (in Hours)	30
3.	Title of the Course	Basics of Antenna Design
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Er. V.Rajkumar Designation : Engineer - Technical Address : Sinetec Technologies, Coimbatore. Contact No : +91 9787089254 Mail id : rajkumar@sinetec.in
5.	No. of Students Participants Expected	55
6.	Proposed Budget ( Attach Details in Annexure)	Annexure attached
7.	Coordinator of the Course	Name : Dr. J.Rangarajan Designation : Professor / ECE Contact No : 9486110500

Course Coordinator

Approved/Not Approved

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Rasipuram - 637 408, Namakkal Dist., Tamil Nadu.

Department of Electronics and Communication Engineering

Date: 10.08.2020

## BUDGET PROPOSAL

### INCOME

S.No	Particulars	Amount in Rs.
1.	Registration Fees Nil	-
<b>Total</b>		-

### EXPENDITURE

S.No	Particulars	Amount in Rs.
1.	Resource Person Honorarium	-
<b>Total</b>		-

*S. S. S. S.*  
10/8/20  
Course Coordinator

*[Signature]*  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## VASD200108 - BASICS OF ANTENNA DESIGN

### Course Schedule

S. No.	Topic	Hours
<b>Module I</b>		
1.	Basic concept of antenna, antenna parameters	3
2.	Types of antenna and applications	3
3.	Antenna design and feeding techniques	3
<b>Module II</b>		
4.	S parameters, Smith chart	3
5.	Introduction to CAD simulation tools and matching techniques	3
6.	Testing of antenna, spectrum analyzer	3
<b>Module III</b>		
7.	Getting started with ADS	2
8.	Creating workspace, creating schematic design and simulation	5
9.	Tuning of the designed components and simulation	5

Attested

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Department of Electronics and Communication Engineering  
Value Added Course  
on

**"VASD200108 - BASICS OF ANTENNA DESIGN"**

Date: 14.09.2020 - 12.10.2020

### Event Planner

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	14.09.2020	Hours-1,2,3,4,5	Basic concept of antenna, antenna parameters, Types of antenna and applications	Dr.J.Rangarajan and Mr.C.Sivakumar
2	16.09.2020	Hours-6,7,8,9,10	Antenna design and feeding techniques, S parameters, Smith chart	Dr.J.Rangarajan and Mr.C.Sivakumar
3	18.09.2020	Hours-11,12,13,14,15	Smith chart problems, Introduction to CAD simulation tools and matching techniques	Dr.J.Rangarajan and Mr.C.Sivakumar
4	03.10.2020	Hours-16,17,18,19,20	Testing of antenna, spectrum analyzer, Getting started with ADS	Dr.J.Rangarajan
5	10.10.2020	Hours-21,22,23,24,25	Creating workspace, creating schematic design and simulation	V.Rajkumar Sinetec Technologies, Coimbatore
6	12.10.2020	Hours-26,27,28,29,30	Tuning of the designed components and simulation	Dr.J.Rangarajan

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TLC

## TECHNOLOGY LEARNING CENTRE

VASD

ECE

2020-21

Course Code : VASD200108

Course Title : Basics of Antenna Design

Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	14/9/ 2020	16/9/ 2020	18/9/ 2020	3/10/ 2020	10/10/ 2020	12/10/ 2020
1.	18EC083	S. KEERTHANA	III / V	ECE/B	keerthi	keerthi	keerthi	keerthi	keerthi	keerthi
2.	18EC091	M.MENAKA	III / V	ECE/B	menaka	menaka	menaka	menaka	menaka	menaka
3.	18EC092	S.MONISHA	III / V	ECE/B	monisha	monisha	monisha	monisha	monisha	monisha
4.	18EC106	S.PRIYADHARSHINI	III / V	ECE/B	priya	priya	priya	priya	priya	priya
5.	18EC109	S.RUBHAPRIYADHARS HINI	III / V	ECE/B	rubha	rubha	rubha	rubha	rubha	rubha
6.	19EC007	B.ATCHAYAVARSHINI	II / III	ECE /A	atchaya	atchaya	atchaya	atchaya	atchaya	atchaya
7.	19EC018	V.DHIVYA	II / III	ECE/A	dhivya	dhivya	dhivya	dhivya	dhivya	dhivya
8.	19EC044	P.KOKILA	II / III	ECE/A	kokila	kokila	kokila	kokila	kokila	kokila
9.	19EC090	S SELVA HARITHA	II / III	ECE/B	selva	selva	selva	selva	selva	selva
10.	19EC094	A.SINDHUJA	II / III	ECE/B	sindhu	sindhu	sindhu	sindhu	sindhu	sindhu
11.	19EC102	K.A.SUJITHA	II / III	ECE/B	sujitha	sujitha	sujitha	sujitha	sujitha	sujitha
12.	19EC035	S.JANANISRI	II / III	ECE/A	janani	janani	janani	janani	janani	janani
13.	17EC001	ABINA B	IV/VII	ECE/A	abina	abina	abina	abina	abina	abina
14.	19EC057	V.NAVEENA	II / III	ECE/A	navena	navena	navena	navena	navena	navena
15.	19EC081	J.SABITHA	II / III	ECE/B	sabitha	sabitha	sabitha	sabitha	sabitha	sabitha
16.	19EC011	V.DEEPA	II / III	ECE/A	deepa	deepa	deepa	deepa	deepa	deepa
17.	17EC016	V.DINESHKUMAR	IV/VII	ECE/A	dinesh	dinesh	dinesh	dinesh	dinesh	dinesh
18.	17EC017	A.DIVYADHARSHINI	IV/VII	ECE/A	divya	divya	divya	divya	divya	divya
19.	17EC018	K.GAYATHRI	IV/VII	ECE/A	gayathri	gayathri	gayathri	gayathri	gayathri	gayathri
20.	17EC029	JAVUDHEEN J	IV/VII	ECE/A	javudheen	javudheen	javudheen	javudheen	javudheen	javudheen
21.	17EC077	S.NISHANDHINI	IV/VII	ECE/B	nishandhini	nishandhini	nishandhini	nishandhini	nishandhini	nishandhini
22.	17EC078	V.NISHANTHI	IV/VII	ECE/B	nishanthi	nishanthi	nishanthi	nishanthi	nishanthi	nishanthi
23.	18EC116	D.SHARMILA	III/V	ECE/B	sharmila	sharmila	sharmila	sharmila	sharmila	sharmila
24.	17EC023	HAARISH KISHORE S	IV/VII	ECE/B	haarish	haarish	haarish	haarish	haarish	haarish

25.	19EC002	J.ABINAYASHREE	II/III	ECE/A	Jabi Jabi Jabi Jabi Jabi Jabi
26.	17EC076	A.NIRMALADEVI	IV/VII	ECE/B	Nian Nian Nian Nian Nian Nian
27.	17EC002	AJITH A	IV/VII	ECE/A	Ain Ain Ain Ain Ain Ain
28.	17EC006	ANOOSH.D	IV/VII	ECE/A	Anoo Anoo Anoo Anoo Anoo Anoo
29.	17EC007	AROKIYA RANI J	IV/VII	ECE/A	Rani Rani Rani Rani Rani Rani
30.	17EC008	BABY NISHA K	IV/VII	ECE/A	Babi Babi Babi Babi Babi Babi
31.	17EC009	BEERAM SAI PAVAN	IV/VII	ECE/A	Bai Bai Bai Bai Bai Bai
32.	17EC010	BRINDHA R	IV/VII	ECE/A	Brin Brin Brin Brin Brin Brin
33.	17EC022	GUGAN R S	IV/VII	ECE/A	Guga Guga Guga Guga Guga Guga
34.	18EC117	R.SHARMILA	III/V	ECE/B	Shari Shari Shari Shari Shari Shari
35.	17EC024	HEMARJA S	IV/VII	ECE/A	Hema Hema Hema Hema Hema Hema
36.	17EC026	ISWARYA S	IV/VII	ECE/A	Isha Isha Isha Isha Isha Isha
37.	17EC027	JAGADEESH P	IV/VII	ECE/A	Jaga Jaga Jaga Jaga Jaga Jaga
38.	17EC028	JANANI V M	IV/VII	ECE/A	Jan Jan Jan Jan Jan Jan
39.	18EC501	ANANDHAKUMAR.G	IV/VII	ECE/A	Anan Anan Anan Anan Anan Anan
40.	18EC504	MANIKANDAN.V	IV/VII	ECE/A	Man Man Man Man Man Man
41.	18EC502	KANNAN.S	IV/VII	ECE/A	Ka Ka Ka Ka Ka Ka
42.	18EC503	KRISHNAKUMAR.P	IV/VII	ECE/A	Kan Kan Kan Kan Kan Kan
43.	19EC052	S.MALINI	II/III	ECE/A	Mal Mal Mal Mal Mal Mal
44.	18EC505	MURALLA	IV/VII	ECE/A	Mur Mur Mur Mur Mur Mur
45.	17EC084	PRASANTH T	IV/VII	ECE/B	Pras Pras Pras Pras Pras Pras
46.	17EC085	PREM KUMAR S	IV/VII	ECE/B	Prem Prem Prem Prem Prem Prem
47.	17EC086	PRIYANKA M	IV/VII	ECE/B	Prin Prin Prin Prin Prin Prin
48.	17EC084	PRASANTH T	IV/VII	ECE/B	Pran Pran Pran Pran Pran Pran
49.	17EC098	SALINI PRIYA C	IV/VII	ECE/B	Sal Sal Sal Sal Sal Sal
50.	17EC099	SANDHIYA P	IV/VII	ECE/B	San San San San San San
51.	17EC104	SARANYA V	IV/VII	ECE/B	Sara Sara Sara Sara Sara Sara
52.	17EC107	SHAJITHA S	IV/VII	ECE/B	Shaj Shaj Shaj Shaj Shaj Shaj
53.	17EC117	VAISHNAVI S	IV/VII	ECE/B	Vaish Vaish Vaish Vaish Vaish Vaish
54.	17EC118	YUVARAJA M	IV/VII	ECE/B	Yuv Yuv Yuv Yuv Yuv Yuv
55.	18EC506	SANGEETHA M	IV/VII	ECE/B	Sang Sang Sang Sang Sang Sang

Course Coordinator

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**TLC**

**TECHNOLOGY LEARNING CENTRE**  
**Value Addition / Skill Development (VASD) Courses (2020 - 2021)**

**TLeG**

## Certificate of Merit

Course Code : VASD.....200108.....

C.No. : VASD...43.....

This is to certify that Mr. / Ms. ....MALINI S.....

Department of ...ELECTRONICS AND COMMUNICATION ENGINEERING.....

successfully completed the VASD Course on .....BASICS OF ANTENNA DESIGN.....

during .....JULY.....NOV.....2020..... conducted by the Technology Learning Centre of the Institution.

*[Signature]*  
Course Co-ordinator

*[Signature]*  
HOD

*[Signature]*  
Dean - TL

*[Signature]*  
Principal

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TECHNOLOGY LEARNING CENTRE

VASD

ECE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## COURSE COMPLETION REPORT [ECR]

1.	Name of the Group (TLeG)	Nano Electronics	
2.	Course Code	VASD200111	
3.	Title of the Course	Nano Electronics in Agriculture	
4.	Collaborating / Sponsoring Agency	Nil	
5.	Duration	From 8.12.2020 TO 16.12.2020	
6.	No. of Days/Hours	40 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr.R.Thirukkumaran
		Designation	Associate Professor / CSE
		Address	New Horizon College of Engineering, Bengaluru
		Contact No.	9789697169
		Mail id	Kumaran.satinfo@gmail.com
8.	Students Participated in the Course (List is to be attached)	65	
9.	Budget Utilized (Attach Details in Annexure)	Rs.10,000/-	
10.	Outcome of the Course	<p>Students can able to:</p> <ul style="list-style-type: none"> <li>Significant interests of using nanotechnology in agriculture includes specific applications like nanofertilizers and nanopesticides to trail products and nutrients levels to increase the productivity.</li> </ul>	

Attested  
  
**COURSE COORDINATOR**  
**MUTHAYAMMAL ENGINEERING COLLEGE**  
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**TAMILNADU.**

**Dean-TL**  
 17/12/20

**Principal**



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TECHNOLOGY LEARNING CENTRE

VASD

ECE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

**Course Proposal**

July – November 2020

1.	Name of the Group (TLeG)	Nano Electronics
	Collaborating / Sponsoring Agency	Nil
2.	Duration (in Hours)	08.12.2020 to 16.12.2020 (40Hrs)
3.	Title of the Course	Nano Electronics in Agriculture
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Dr.R.Thirukkumaran Designation : Associate Professor / CSE Address : New Horizon College of Engineering, Bengaluru Contact No : 9789697169 Mail Id : kumaran.satinfo@gmail.com
5.	No. of Students Participants Expected	65
6.	Proposed Budget ( Attach Details in Annexure)	Rs.10,000/-
7.	Coordinator of the Course	Name : S.Bhoopalan Designation : Assistant Professor Contact No : 9500613433

*[Signature]*  
 Course Coordinator  
 25/11/20

*[Signature]*  
 HoD

Approved/Not Approved

*[Signature]*  
 Dean-TL  
 25/11/20

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*[Signature]*  
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Department of Electronics and Communication Engineering

Date: 25.11.2020

## BUDGET PROPOSAL

### INCOME

S.No	Particulars	Amount in Rs.
1.	Registration Fees	Nil
<b>Total</b>		-

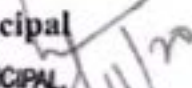
### EXPENDITURE

S.No	Particulars	Amount in Rs.
1.	Resource Person Honorarium	10,000.00
<b>Total</b>		10,000.00

  
Course Coordinator

  
HoD

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## TECHNOLOGY LEARNING CENTRE

ECE

VALUE ADDITION/SKILLDEVELOPMENT COURSE

2020-21

### CCR – Enclosures

Name of the Group(TLeG) :Nano electronics

Name of the Course :Nano electronics in agriculture

Course Conducted (In Hours) : 40 Hrs

Sl. No.	Description	Enclosed or not ( Please put Tick Mark only)
1.	CourseProposal	✓
2.	Budget Proposed	✓
3.	Course Schedule	✓
4.	Expert Invitation& Thanks Letter	-
5.	Acceptance Letter from Expert	-
6.	ExpertProfile	✓
7.	Course Syllabus	✓
8.	Course Material (Annexure)	✓
9.	List of Participants	✓
10.	Expert Feedback	-
11.	Participants Feedback	✓
12.	Photos	-
13.	Budget Utilization	✓
14.	Certificate	✓

Course Coordinator

HoD

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## VASD200111-NANO ELECTRONICS IN AGRICULTURE

S. No.	Topic	Hours
<b>Module I</b>		
1.	Introduction to Nanotechnology	3
2.	Synthesis and Characterization of Nanomaterials	3
3.	Semiconductor Nanocrystals	3
<b>Module II</b>		
4.	Nanoelectronics, Nano Fabrication and Nanodevices	3
5.	Materials for Nanoelectronics and photonic devices	3
6.	Electronic transport in Nanostructures	3
<b>Module III</b>		
7.	High electron mobility transistors (HEMT)	3
8.	Micro-electromechanical systems (MEMS)	4
9.	Synthesis of Nanomaterials	4
<b>Module IV</b>		
10.	Biodegradable Nanomaterials	3
11.	Nanotoxicity	4
12.	Applications of Novel Materials in Agriculture	4

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## TECHNOLOGY LEARNING CENTRE

**ECE**

**2020-21**

Course Code : VASD200111

Course Title : Nano Electronics in Agriculture

### Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	8/12	9/12	10/12	11/12	12/12	14/12	15/12	16/12	Sign
1	18EC002	ABIRAMIR	III/V	ECE - A	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	18EC011	ANUSAG	III/V	ECE - A	AN	AN	AN	AN	AN	AN	AN	AN	AN
3	18EC062	GIRI RAMANA	III/V	ECE - B	GR	GR	GR	GR	GR	GR	GR	GR	GR
4	18EC068	GOWTHAM S	III/V	ECE - B	GS	GS	GS	GS	GS	GS	GS	GS	GS
5	18EC071	GUNASHEEL ANG	III/V	ECE - B	GU	GU	GU	GU	GU	GU	GU	GU	GU
6	18EC079	KARTHICK NR	III/V	ECE - B	KR	KR	KR	KR	KR	KR	KR	KR	KR
7	18EC084	KRISHNAMO ORTHI S	III/V	ECE - B	KR	KR	KR	KR	KR	KR	KR	KR	KR
8	18EC096	MUTHULAK SHMIS	III/V	ECE - A	MT	MT	MT	MT	MT	MT	MT	MT	MT
9	18EC104	PRAVEEN P	III/V	ECE - B	PR	PR	PR	PR	PR	PR	PR	PR	PR
10	18EC116	SHARMILA D	III/V	ECE - B	SD	SD	SD	SD	SD	SD	SD	SD	SD
11	18EC117	SHARMILA R	III/V	ECE - B	SR	SR	SR	SR	SR	SR	SR	SR	SR
12	18EC119	SIREESHA A	III/V	ECE - B	SA	SA	SA	SA	SA	SA	SA	SA	SA
13	18EC001	ABINAYA R	III/V	ECE - A	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	17CS004	AJITH KUMAR K	IV/VII	CSE - A	AK	AK	AK	AK	AK	AK	AK	AK	AK
15	17CS020	DIVYAA N	IV/VII	CSE - A	DN	DN	DN	DN	DN	DN	DN	DN	DN
16	17CS023	GOKILAPRIY AP	IV/VII	CSE - A	GA	GA	GA	GA	GA	GA	GA	GA	GA
17	18IT501	KOWSALYA S	III/V	IT	KS	KS	KS	KS	KS	KS	KS	KS	KS
18	17CS042	LAKSHMIPRI YAC	IV/VII	CSE - A	LY	LY	LY	LY	LY	LY	LY	LY	LY
19	17IT013	LAVANYA B	IV/VII	IT	LB	LB	LB	LB	LB	LB	LB	LB	LB
20	17IT015	NIVETHA A	IV/VII	IT	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	17IT018	SALAI AMIRTHA LAKSHMI A	IV / VII	IT	fak fak fak fak fak fak fak fak fak
22	18IT504	SRIDHARSHI NI A	IV / VII	IT	dh dh dh dh dh dh dh dh dh
23	17CS083	SRUTHI S	IV / VII	CSE - B	dh dh dh dh dh dh dh dh dh
24	17CS089	VAISHNAVI K	IV / VII	CSE - B	dh dh dh dh dh dh dh dh dh
25	17CS090	VASANTH PRIYAN R	IV / VII	CSE - B	dh dh dh dh dh dh dh dh dh
26	17EC032	KARTHICK M	IV / VII	ECE - A	kac kac kac kac kac kac kac kac kac
27	17EC033	KARTHIKEY AN S	IV / VII	ECE - A	San San San San San San San San San
28	17EC034	KAVIYA R	IV / VII	ECE - A	andya andya andya andya andya andya andya andya andya
29	17EC035	KAVIYARAS AN M	IV / VII	ECE - A	ku ku ku ku ku ku ku ku ku
30	17EC036	KEERTHANA G	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
31	17EC037	KEERTHIGA K	IV / VII	ECE - A	ke ke ke ke ke ke ke ke ke
32	17EC038	KIRUTHIGA S	IV / VII	ECE - A	kathi kathi kathi kathi kathi kathi kathi kathi kathi
33	17EC039	KODNREDDI PRADEEP REDDY	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
34	17EC040	KORLAGUNT A CHALAPATH I	IV / VII	ECE - A	ch ch ch ch ch ch ch ch ch
35	17EC041	KOTRA AJITH	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
36	17EC042	KRISHTAPAT I SRAVANI	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
37	17EC043	LAKKIREDD Y LAKSHMI SRENIVASA REDDY	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
38	17EC044	BHUVANES WARI M	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
39	17EC045	MANAVART HI LEELA KUMAR	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
40	17EC046	MUDDA VENKATA SUBRAMAN YAM	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
41	17EC047	VENKATESW ARLU M	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
42	17EC048	MUTHU REDDY JAGADESH M	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
43	17EC049	PATTHI PATI SUSHMA	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
44	17EC050	PAVULURU SAIDHANUS H	IV / VII	ECE - A	ka ka ka ka ka ka ka ka ka
45	17EC051	SANAPURED DY	IV / VII	ECE - B	ka ka ka ka ka ka ka ka ka

		TEJASWINI											
46	17EC052	SHAIK AKRAM HUSSAIN	IV / VII	ECE - B	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
47	17EC053	TEMMISETTY BALAKUMAR	IV / VII	ECE - B	Bal	Bal	Bal	Bal	Bal	Bal	Bal	Bal	Bal
48	17EC054	THAMATAM VENKATA CHALAM REDDY	IV / VII	ECE - B	Chal	Chal	Chal	Chal	Chal	Chal	Chal	Chal	Chal
49	17EC055	TURKA LAKSHMI PRIYA	IV / VII	ECE - B	Turka	Turka	Turka	Turka	Turka	Turka	Turka	Turka	Turka
50	17EC024	HEMARIJA S	IV / VII	ECE - B	H	H	H	H	H	H	H	H	H
51	17EC026	ISWARYA S	IV / VII	ECE - B	Is	Is	Is	Is	Is	Is	Is	Is	Is
52	18EC010	ANUJA S	III / V	ECE - A	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu
53	18EC011	ANUSA G	III / V	ECE - A	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu
54	18EC012	ARULMURUGAN M	III / V	ECE - A	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul
55	18EC013	ARUNKUMAR C	III / V	ECE - A	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar	Ar
56	18EC014	BAVATHAR ANIR	III / V	ECE - A	Bj	Bj	Bj	Bj	Bj	Bj	Bj	Bj	Bj
57	18EC016	BHAVANASI LAKSHMI SRAVANI	III / V	ECE - A	Srv	Srv	Srv	Srv	Srv	Srv	Srv	Srv	Srv
58	18EC018	BIJIVEMULA PAVAN	III / V	ECE - A	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal	Pal
59	18EC019	BIRADAVOLU NITHEESH	III / V	ECE - A	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni
60	18EC020	BOGGAVARAPU VENKATA SAI MANICHAND	III / V	ECE - A	B	B	B	B	B	B	B	B	B
61	18EC021	CHALLA VAMSI KRISHNA	III / V	ECE - A	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
62	18EC022	CHANDRUR(09.11.2000)	III / V	ECE - A	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
63	18EC062	GIRI RAMANA	III / V	ECE - B	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram
64	18EC068	GOWTHAM S	III / V	ECE - B	G	G	G	G	G	G	G	G	G
65	18EC071	GUNASHEELANG	III / V	ECE - B	G	G	G	G	G	G	G	G	G

*S. Dhayal*  
Course Coordinator

*S. Jeyam*  
Hall

Attested  
Principal

*S. Sreya*  
Dean - TI

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**TLC**



**TLeG**

## Certificate of Merit

Course Code : VASD..R.R.Q.III.....

C.No. : VASD..Q.7.....

This is to certify that Mr. / Ms. **KRISHNAMOORTHY**.....

Department of **ELECTRONICS AND COMMUNICATION ENGINEERING**.....

successfully completed the VASD Course on **NANO ELECTRONICS IN AGRICULTURE**.....

during **8.12.2020 to 16.12.2020**, conducted by the Technology Learning Centre of the Institution.

*S. S. Sathya*  
Course Co-ordinator

*S. S. Sathya*  
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TECHNOLOGY LEARNING CENTRE

VASD

ECE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## COURSE COMPLETION REPORT [CCR]

1.	Name of the Group (TLcG)	SMART SENSOR	
2.	Course Code	VASD200115	
3.	Title of the Course	Sensor and Monitoring Method	
4.	Collaborating / Sponsoring Agency	NIL	
5.	Duration	From...04.11.2020...To...09.11.2020	
6.	No. of Days/Hours	6 Days /30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr.T.R.Ganesh Babu
		Designation	Professor / ECE
		Address	Muthayammal Engineering College,Rasipuram
		Contact No.	7530019373
		Mail id	ganeshbabutr@gmail.com
8.	Students Participated in the Course (List is to be attached)	62	
9.	Budget Utilized (Attach Details in Annexure)	Nil	
10.	Outcome of the Course	Monitoring activities of daily living (ADL) or significant events, e.g. falls, of elderly people in-home, with the aim of prolonging independent living. Five main types of monitoring technologies were identified: PIR motion sensors, body-worn sensors, pressure sensors, video monitoring and sound recognition. In addition, multicomponent technologies and smart home technologies were identified.	

Course Coordinator

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**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**Course Proposal**

**July – Dec. 2020**

1.	Name of the Group (TLeG)	SMART SENSOR
	Collaborating / Sponsoring Agency	-
2.	Duration (in Hours)	30 Hours
3.	Title of the Course	Sensor and Monitoring Method
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Dr.T.R.Ganesh Babu Designation : Professor / ECE Address : Muthayammal Engineering College,Rasipuram Contact No : 7530019373 Mail Id : ganeshbabutr@gmail.com
5.	No.of Students Participants Expected	62
6.	Proposed Budget ( Attach Details in Annexure)	Nil
7.	Coordinator of the Course	Name : Dr.R.Praveena Designation : Associate Professor Contact No : 9790343138

Course Coordinator

Approved/Not Approved

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## TECHNOLOGY LEARNING CENTRE

ECE

VALUE ADDITION/SKILLDEVELOPMENT COURSE

2020-21

### CCR – Enclosures

Name of the Group(TLeG) :SMART SENSORS

Name of the Course :Sensors and Monitoring Method

Course Conducted( In Hours) : 30 Hours

Sl. No.	Description	Enclosed or not ( Please put Tick Mark only)
1.	Course Proposal	✓
2.	Budget Proposed	
3.	Course Schedule	✓
4.	Expert Invitation& Thanks Letter	
5.	Acceptance Letter from Expert	
6.	Expert Profile	
7.	Course Syllabus	✓
8.	Course Material (Annexure)	✓
9.	List of Participants	✓
10.	Expert Feedback	
11.	Participants Feedback	
12.	Photos	
13.	Budget Utilization	
14.	Certificate	✓

Course Coordinator

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**VALUE ADDITION/SKILLDEVELOPMENT COURSE**

**2020-21**

**TENTATIVE SCHEDULE OF THE SESSIONS**

Name of the Group(TLeG) :SMART SENSORS

Name of the Course :Sensors and Monitoring Method

**TOTAL DURATION : 30 Hours**

SESSION	DATE	TIME
Session 1	04.11.2020 – Monday	09:00 am to 02:00 pm
Session 2	05.11.2020 - Tuesday	09:00 am to 02:00 pm
Session 3	06.11.2020 - Wednesday	09:00 am to 02:00 pm
Session 4	07.11.2020 - Thursday	09:00 am to 02:00 pm
Session 5	08.11.2020 - Friday	09:00 am to 02:00 pm
Session 6	09.11.2020 - Saturday	09:00 am to 02:00 pm

Course Coordinator  
*R. Jeyaraj*  
11/11/2020

HoD  
*[Signature]*

Dean-TL  
*[Signature]*  
11/11/20

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Name of the Group(TLeG) :SMART SENSORS

Name of the Course :Sensors and Monitoring Method

TOTAL DURATION: 30 Hours

SESSION	Course Outline
Session 1	Sensors and transducers
Session 2	Displacement and position sensors
Session 3	Displacement, position and proximity sensors
Session 4	Velocity, motion, force and pressure sensors
Session 5	Temperature and light sensors
Session 6	Signal Conditioning Devices

*P. J. T. 200*  
Course Coordinator

*[Signature]*  
HoD

*[Signature]*  
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## TECHNOLOGY LEARNING CENTRE

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2020-21

Course Code :200115

Course Title :Sensor and Monitoring Method

### Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	4/11	5/11	6/11	7/11	8/11	9/11
1	18EC006	K.Akilan	III/V	ECE/A	KP	KP	KP	KP	KP	KP
2	18EC012	M.ArulMurugan	III/V	ECE/A	AM	AM	AM	AM	AM	AM
3	18EC013	C.Arunkumar	III/V	ECE/A	AC	AC	AC	AC	AC	AC
4	18EC022	R.Chandru	III/V	ECE/A	Ch	Ch	Ch	Ch	Ch	Ch
5	19BM052	M.Varsha	II/III	BME	Van	Van	Van	Van	Van	Van
6	19EC010	S.Bharaneesh	II/III	ECE/A	SB	SB	SB	SB	SB	SB
7	19EC001	K.Aakash	II/III	ECE/A	AK	AK	AK	AK	AK	AK
8	19EC042	Kesavamoorthy	II/III	ECE/A	Kes	Kes	Kes	Kes	Kes	Kes
9	18EC001	R.Abinaya	III/V	ECE/A	AB	AB	AB	AB	AB	AB
10	18EC050	Ravaluru Sunil	III/V	ECE/A	Sun	Sun	Sun	Sun	Sun	Sun
11	19EC504	S.Sureka	II/III	ECE/C	SK	SK	SK	SK	SK	SK
12	19EC503	M.Narmadha	II/III	ECE/C	ND	ND	ND	ND	ND	ND
13	18EC124	E.Sowmiya	III/V	ECE/C	So	So	So	So	So	So
14	19EC502	R.Monisha	III/V	ECE/C	Mo	Mo	Mo	Mo	Mo	Mo
15	19EC507	Thamaraikannan	III/V	ECE/C	TK	TK	TK	TK	TK	TK
16	19EC505	M.Suresh	III/V	ECE/C	MS	MS	MS	MS	MS	MS

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18	18EC023	R.Chandru	III/V	ECE/A	Chd	Chd	Chd	Chd	Chd	Chd
19	18EC026	S.Devaprasanth	III/V	ECE/A	Deva	Deva	Deva	Deva	Deva	Deva
20	18EC138	G.Vignesh	III/V	ECE/C	GV	GV	GV	GV	GV	GV
21	18EC140	G.Vimalraj	III/V	ECE/C	V+	V+	V+	V+	V+	V+
22	18EC134	M.Suryaprakash	III/V	ECE/C	Surya	Surya	Surya	Surya	Surya	Surya
23	19BM025	R.Mahalakshmi	II/III	BME	Mj	Mj	Mj	Mj	Mj	Mj
24	19BM019	B.Karthikeyan	II/III	BME	Karthy	Karthy	Karthy	Karthy	Karthy	Karthy
25	19BM020	E.Karthikeyan	II/III	BME	E	E	E	E	E	E
26	20EC046	N.Gokul	I/II	ECE	Goku	Goku	Goku	Goku	Goku	Goku
27	19BM031	M.Banu	III/V	BME	Bnat	Bnat	Bnat	Bnat	Bnat	Bnat
28	18EC001	R.Abinaya	III/V	ECE/A	Abay	Abay	Abay	Abay	Abay	Abay
29	18EC050	Ravaluru Sunil	III/V	ECE/A	Raj	Raj	Raj	Raj	Raj	Raj
30	19BM041	V.Sathya	II/III	BME	Sath	Sath	Sath	Sath	Sath	Sath
31	19BM051	P.J.Ullash	II/III	BME	Ula	Ula	Ula	Ula	Ula	Ula
32	19BM021	M.Kavin	II/III	BME	Kun	Kun	Kun	Kun	Kun	Kun
33	19BM040	S.Sathishkumar	II/III	BME	Sath	Sath	Sath	Sath	Sath	Sath
34	19BM014	G.Janani	II/III	BME	Jany	Jany	Jany	Jany	Jany	Jany
35	19BM018	S.Kamali	II/III	BME	Kd	Kd	Kd	Kd	Kd	Kd
36	19MD021	E.Theerthamal	II/III	MDE	E	E	E	E	E	E
37	19MD009	A.Jamuna	II/III	MDE	Jam	Jam	Jam	Jam	Jam	Jam
38	19MD017	H.Saranya	II/III	MDE	Jnt	Jnt	Jnt	Jnt	Jnt	Jnt
39	19MD015	R.Rahul	II/III	MDE	Rah	Rah	Rah	Rah	Rah	Rah
40	19MD038	R.Rithika	II/III	MDE	Rj	Rj	Rj	Rj	Rj	Rj
41	19MD022	L.Thirishiya	II/III	MDE	Shy	Shy	Shy	Shy	Shy	Shy
42	19BM011	Gokila	II/III	BME	Gok	Gok	Gok	Gok	Gok	Gok
43	19MD003	R.Ajith	II/III	MDE	Aji	Aji	Aji	Aji	Aji	Aji
44	19MD014	A.Poovarasam	II/III	MDE	Pov	Pov	Pov	Pov	Pov	Pov

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45	19EC099	V.Srishoba	II/III	ECE	Sri	Sri	Sri	Sri	Sri	Sri
46	19EC111	J.TheergaAiswar ya	II/III	ECE	Als	Als	Als	Als	Als	Als
47	20EC509	S.Kowshika	II/III	ECE	Kouf	Kouf	Kouf	Kouf	Kouf	Kouf
48	20EC512	S.Shrinidhi	II/III	ECE	Eef	Eef	Eef	Eef	Eef	Eef
49	19EC108	S.Tamilarasi	II/III	ECE	Tamif	Tamif	Tamif	Tamif	Tamif	Tamif
50	19EC112	S.UmeraBanu	II/III	ECE	Up	Up	Up	Up	Up	Up
51	18EC091	M.Menaka	III/V	ECE/B	Mena	Mena	Mena	Mena	Mena	Mena
52	18EC003	A.AffrinBegam	III/V	ECE/A	Al	Al	Al	Al	Al	Al
53	18EC091	MENAKA M	III/V	ECE/A	My	My	My	My	My	My
54	18EC092	MONISHA S	III/V	ECE/C	Moif	Moif	Moif	Moif	Moif	Moif
55	18EC102	PARTHA SARATHI K	III/V	ECE/C	Poif	Poif	Poif	Poif	Poif	Poif
56	18EC106	PRIYADHARS HINI S	III/V	ECE/C	Pri	Pri	Pri	Pri	Pri	Pri
57	18EC123	SNEKA R	III/V	ECE/C	Shoke	Shoke	Shoke	Shoke	Shoke	Shoke
58	18EC137	VALARMATHI P	III/V	ECE/C	Sh	Sh	Sh	Sh	Sh	Sh
59	18EC141	YUVARAJ K	III/V	ECE/C	Yura	Yura	Yura	Yura	Yura	Yura
60	19EC504	SUREKA S	III/V	ECE/A	Q	Q	Q	Q	Q	Q
61	18EC108	ROHITH S W	III/V	ECE/A	Roif	Roif	Roif	Roif	Roif	Roif
62	18EC113	SANTHOSH P	III/V	ECE/A	Sh	Sh	Sh	Sh	Sh	Sh

*P. Jue*  
Course Coordinator

*[Signature]*  
HoD

*[Signature]*  
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**TLeG**

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**Certificate of Merit**

Course Code : VASD.....200115.....

C.No. : VASD.....19BMO31.....

This is to certify that Mr. / Ms. ....M. BANU.....

Department of ..... **BIO - MEDICAL ENGINEERING** .....  
successfully completed the VASD Course on ..... **SENSOR AND MONITORING METHOD** .....

during ..... **April 2020 - 9th 2021** ..... conducted by the Technology Learning Centre of the Institution.

Course Co-ordinator

*[Signature]*  
HGB

*[Signature]*  
Dean, TL

Principal  
12/11/20

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**TECHNOLOGY LEARNING CENTRE**

VASD

ECE

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

2020-21

**EVENT COMPLETION REPORT [ECR]**

1.	Name of the Group (TLcG)	VLSI Group	
2.	Course Code	VASD200119	
3.	Title of the Course	Low Power VLSI Circuits	
4.	Collaborating / Sponsoring Agency	-	
5.	Duration	From 12.04.2021 To 20.04.2021	
6.	No. of Days/Hours	40 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr.K.Radhika
		Designation	Professor/ECE
		Address	Muthayammal Engineering College Rasipuram
		Contact No.	9790319031
		Mail id	radhika.k.ece@mec.edu.in
8.	Students Participated in the Course	60	
9.	Budget Utilized	Nil	
10.	Outcome of the Course	<ul style="list-style-type: none"> <li>• Power Dissipation</li> <li>• Power Estimation</li> <li>• Modeling</li> <li>• Software Approaches</li> </ul>	

*K. Lino*  
Course Coordinator  
21/04/21

Attested  
*[Signature]*  
21/4/21  
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*[Signature]*  
21/4/21  
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VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

Course Proposal

JAN-JUNE 2021

1.	Name of the Group (TLeG)	VLSI Group
	Collaborating / Sponsoring Agency	-
2.	Duration (in Hours)	40
3.	Title of the Course	Low Power VLSI Circuits
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Dr. K.Radhika Designation : Professor Address : Muthayammal Engineering College Contact No : 9894916389 Mail Id : radhika.k.ece@mec.edu.in
5.	No.of Students Participants Expected	60
6.	Proposed Budget ( Attach Details in Annexure)	-
7.	Coordinator of the Course	Name : Dr.K.Radhika Designation : Professor Contact No : 9894916389

*[Signature]*  
 Course Coordinator

*[Signature]*  
 9/14/21

Approved/Not Approved

*[Signature]*  
 Dean-TL

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Technology Learning Group (TLeG)

VLSI Group

SCHEDULE OF VALUE ADDED/SKILL DEVELOPMENT (VASD) COURSE

Group Lead: Dr.K.Radhika

S.No.	Date	Topic
1	12.04.2021	Introduction- Need for Low Power Circuit Design-Sources of Power Dissipation- Short-Channel Effects
2	13.04.2021	Sources of Power Dissipation: introduction, Short- Circuit Power Dissipation, Switching Power Dissipation, Glitching Power Dissipation, Leakage Power Dissipation
3	14.04.2021	Minimizing Leakage Power:Introduction, fabrication of multiple threshold voltages
4	15.04.2021	Approaches for minimizing leakage power, Adiabatic Logic Circuits, Battery -Driven System
5	16.04.2021	Supply voltage scaling for low power: Introduction, Device Features Size Scaling, Architecture-Level Approaches
6	17.04.2021	Voltage Scaling, Multilevel Voltage Scaling, Challenges, Dynamic Voltage And Frequency Scaling, Adaptive Voltage Scaling,
7	19.04.2021	Low-Power Gate-Level Design-Low-Power Architecture-Level Design- Algorithmic-Level Power Reduction
8	20.04.2021	RTL Techniques for Optimizing Power - power issues at system, Algorithm, Architecture and OS level Power issues in memory. Low Power Applications - CAD Tools for Low Power VLSI Circuits and Feedback Collection

Course Coordinator

HOD

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## SYLLABUS

### Title of the Course: VASD200116 - Low Power VLSI Circuits

1. **Aim:** This course imparts theoretical, practical knowledge and provides hands-on training on synthesis & characterization of VLSI circuits.

3. **Prerequisites:**

The student must have knowledge on

- Electron Devices
- Linear Integrated Circuits
- Digital Electronics

4. **Course Outcomes:**

At the end of this course, the students will be able to:

- Explain the concept of advances in VLSI technology

5. Understand designing concept of various application of VLSI

6. **Syllabus:**

9

**Module I:**

Introduction- Need for Low Power Circuit Design-Sources of Power Dissipation- Short-Channel Effects- Sources of Power Dissipation: introduction, Short-Circuit Power Dissipation, Switching Power Dissipation, Glitching Power Dissipation, Leakage Power Dissipation, Minimizing Leakage Power.

9

**Module II:**

Introduction, fabrication of multiple threshold voltages, approaches for minimizing leakage power, Adiabatic Logic Circuits, Battery -Driven System

11

**Module III:**

Supply voltage scaling for low power: Introduction, Device Features Size Scaling, Architecture-Level Approaches, Voltage Scaling, Multilevel Voltage Scaling, Challenges.

11

**Module IV:**

Dynamic Voltage and Frequency Scaling, Adaptive Voltage Scaling, Low-Power Gate-Level Design-Low-Power Architecture-Level Design- Algorithmic-Level Power Reduction- RTL Techniques for Optimizing Power - power issues at system, Algorithm, Architecture and OS level, power issues in memory. Applications - CAD Tools for Low Power VLSI Circuits.

**Total: 40 Hrs**

**References:**

1. Senthil Kumaran Varadharajan and Viswanathan Nallasamy, "Low Power VLSI Circuits Design Strategies and Methodologies: A Literature Review", 2017 IEEE, 978-1-5090-5555-5/17/\$31.00 ©2017 IEEE.

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TECHNOLOGY LEARNING CENTRE

VASD

ECE

2020-21

Course Code :VASD200116

Course Title :Low Power VLSI Circuits

Participants List:

S. No.	Name of the Student	Year /Sem	Branch /Sec	12/4	13/4	14/4	15/4	16/4	19/4	20/4
1.	P.Varshadevi	II/IV	ECE/B	P.V	P.V	P.V	P.V	P.V	P.V	P.V
2.	M.ShekMusaraf	II/IV	ECE/B	S.S	S.S	S.S	S.S	S.S	S.S	S.S
3.	V.Vishwa	II/IV	ECE/B	V.V	V.V	V.V	V.V	V.V	V.V	V.V
4.	S.Balaji	II/IV	ECE/A	S.B	S.B	S.B	S.B	S.B	S.B	S.B
5.	K.Pranaychandu	III/VI	ECE/A	K.P	K.P	K.P	K.P	K.P	K.P	K.P
6.	K.Gowtham	III/VI	ECE/B	G.G	G.G	G.G	G.G	G.G	G.G	G.G
7.	S.Gowtham	III/VI	ECE/B	S.G	S.G	S.G	S.G	S.G	S.G	S.G
8.	J.Abinayashree	II/IV	ECE/A	J.A	J.A	J.A	J.A	J.A	J.A	J.A
9.	R.Deepalakshmi	II/IV	ECE/A	R.D	R.D	R.D	R.D	R.D	R.D	R.D
10.	V.Deepa	II/IV	ECE/A	V.D	V.D	V.D	V.D	V.D	V.D	V.D
11.	S.Divyabharathi	II/IV	ECE/A	S.D	S.D	S.D	S.D	S.D	S.D	S.D
12.	T.Durga	II/IV	ECE/A	T.D	T.D	T.D	T.D	T.D	T.D	T.D
13.	F.JannathulFirthous	II/IV	ECE/A	F.J	F.J	F.J	F.J	F.J	F.J	F.J
14.	V.Kaviya	II/IV	ECE/A	V.K	V.K	V.K	V.K	V.K	V.K	V.K
15.	T.Prashobhini	II/IV	ECE/B	T.P	T.P	T.P	T.P	T.P	T.P	T.P
16.	M.Priyadharshini	II/IV	ECE/B	M.P	M.P	M.P	M.P	M.P	M.P	M.P
17.	D.Durkesh	II/IV	ECE/A	D.D	D.D	D.D	D.D	D.D	D.D	D.D
18.	M.Kesavamoorthi	II/IV	ECE/A	M.K	M.K	M.K	M.K	M.K	M.K	M.K
19.	N.Dineshkumar	II/IV	ECE/A	N.D	N.D	N.D	N.D	N.D	N.D	N.D
20.	T.Harishankar	II/IV	ECE/A	T.H	T.H	T.H	T.H	T.H	T.H	T.H
21.	Riyasdeen A	II/IV	ECE / B	R.A	R.A	R.A	R.A	R.A	R.A	R.A
22.	Sanjay R	II/IV	ECE / B	S.R	S.R	S.R	S.R	S.R	S.R	S.R
23.	Satheesh Kumar R	II/IV	ECE / B	S.K	S.K	S.K	S.K	S.K	S.K	S.K
24.	T.R.Suriendrann	II/IV	ECE / B	T.R	T.R	T.R	T.R	T.R	T.R	T.R
25.	A.Harikrishna	II/IV	ECE / C	A.H	A.H	A.H	A.H	A.H	A.H	A.H

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27.	BommasaniBalakrishna	II/IV	ECE / C	BBS	BB	BB	BB	BB	BB	BB	BB
28.	G. Rakesh Reddy	II/IV	ECE / C	GRS	GR	GR	GR	GR	GR	GR	GR
29.	I. Siva Krishna	II/IV	ECE / C	Siva	Siva	Siva	Siva	Siva	Siva	Siva	Siva
30.	K.Kishore	II/IV	ECE / C	Kish	Kish	Kish	Kish	Kish	Kish	Kish	Kish
31.	Komiri Pradeep	II/IV	ECE / C	Kom	Kom	Kom	Kom	Kom	Kom	Kom	Kom
32.	KongaNagendra Prasad Reddy	II/IV	ECE / C	Kong	Kong	Kong	Kong	Kong	Kong	Kong	Kong
33.	Mydukuru Ganesh	II/IV	ECE / C	Mydu	Mydu	Mydu	Mydu	Mydu	Mydu	Mydu	Mydu
34.	P.Vinay Kumar	II/IV	ECE / C	Pvin	Pvin	Pvin	Pvin	Pvin	Pvin	Pvin	Pvin
35.	P.Sathish	II/IV	ECE / C	Sath	Sath	Sath	Sath	Sath	Sath	Sath	Sath
36.	Perakam Girish	II/IV	ECE / C	Pera	Pera	Pera	Pera	Pera	Pera	Pera	Pera
37.	P.Balaji	II/IV	ECE / C	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala
38.	RaghavarajuJaswanth Varma	II/IV	ECE / C	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja
39.	S.Amarnath Reddy	II/IV	ECE / C	Amr	Amr	Amr	Amr	Amr	Amr	Amr	Amr
40.	S.Hemanth Kumar	II/IV	ECE / C	Hema	Hema	Hema	Hema	Hema	Hema	Hema	Hema
41.	SK. Masthan	II/IV	ECE / C	SKM	SKM	SKM	SKM	SKM	SKM	SKM	SKM
42.	SK. Parvez	II/IV	ECE / C	SKP	SKP	SKP	SKP	SKP	SKP	SKP	SKP
43.	T. Nikhil	II/IV	ECE / C	T.Ni	T.Ni	T.Ni	T.Ni	T.Ni	T.Ni	T.Ni	T.Ni
44.	Y.Anjaneyulu	II/IV	ECE / C	Yan	Yan	Yan	Yan	Yan	Yan	Yan	Yan
45.	V.S.Karthick	II/IV	ECE / B	VSK	VSK	VSK	VSK	VSK	VSK	VSK	VSK
46.	S.Ramanikanth	II/IV	ECE / B	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra	S.Ra
47.	P.VishnuPriya	II/IV	ECE / C	Vish	Vish	Vish	Vish	Vish	Vish	Vish	Vish
48.	R.Shanthoshi	II/IV	ECE / B	RS	RS	RS	RS	RS	RS	RS	RS
49.	M.Shekmusaraf	II/IV	ECE / B	Shek	Shek	Shek	Shek	Shek	Shek	Shek	Shek
50.	A.Sindhuja	II/IV	ECE / B	Sind	Sind	Sind	Sind	Sind	Sind	Sind	Sind
51.	B.Sivaramakrishna	II/IV	ECE / B	B.Si	B.Si	B.Si	B.Si	B.Si	B.Si	B.Si	B.Si
52.	P.Solaikumar	II/IV	ECE / B	PSol	PSol	PSol	PSol	PSol	PSol	PSol	PSol
53.	P.Sowndarya	II/IV	ECE / B	Sownd	Sownd	Sownd	Sownd	Sownd	Sownd	Sownd	Sownd
54.	A.Praveen Kumar	II/IV	ECE / B	APK	APK	APK	APK	APK	APK	APK	APK
55.	S.P.PriestlyHaberler	II/IV	ECE / B	Haber	Haber	Haber	Haber	Haber	Haber	Haber	Haber
56.	M.Priyadarshini	II/IV	ECE / B	MPri	MPri	MPri	MPri	MPri	MPri	MPri	MPri
57.	K.Priyanga	II/IV	ECE / B	KPri	KPri	KPri	KPri	KPri	KPri	KPri	KPri
58.	B.Puakazhenth	II/IV	ECE / B	B.Pu	B.Pu	B.Pu	B.Pu	B.Pu	B.Pu	B.Pu	B.Pu
59.	M.Ragulraj	II/IV	ECE / B	MRaj	MRaj	MRaj	MRaj	MRaj	MRaj	MRaj	MRaj
60.	K.Rajkumar	II/IV	ECE / B	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj

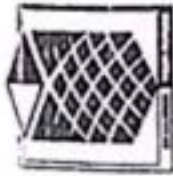
K. Vive  
Course Coordinator

HOD

Dean-PL

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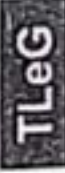
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## TECHNOLOGY LEARNING CENTRE Value Addition / Skill Development (VASD) Courses (2020 - 2021)



Course Code : VASD..200116.....

C.No. : VASD.....20.....

### Certificate of Merit

This is to certify that Mr. / ~~Ms.~~ ..... **N. DINESH KUMAR**.....

Department of ..... **ELECTRONICS AND COMMUNICATION ENGINEERING**.....

successfully completed the VASD Course on ..... **LOW POWER VLSI CIRCUITS**.....

during **12.04.2021 to 20.04.2021** conducted by the Technology Learning Centre of the Institution.

*(Signature)*

Course Co-ordinator

*(Signature)*  
HOB  
Principal, MUTHAYAMMAL ENGINEERING COLLEGE (AUTONOMOUS)  
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Dean, TL

Principal



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**TLC**

**TECHNOLOGY LEARNING CENTRE**

**VASD**

**ECE**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**COURSE COMPLETION REPORT [CCR]**

1.	Name of the Group (TLeG)	Antenna Group	
2.	Course Code	VASD200119	
3.	Title of the Course	Design of Microstrip Antenna	
4.	Collaborating / Sponsoring Agency	IETE	
5.	Duration	From 05.02.2021 To 04.03.2021	
6.	No. of Days/Hours	30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Mr. V.Rajkumar
		Designation	Engineer - Technical
		Address	Sinetec Technologies, Coimbatore.
		Contact No.	+91 9787089254
		Mail id	rajkumar@sinetec.in
8.	Students Participated in the Course (List is to be attached)	55 ( List is attached)	
9.	Budget Utilized (Attach Details in Annexure)	-	
10.	Outcome of the Course	<p>Students can able to :</p> <ul style="list-style-type: none"> <li>• Explain the concept of microstrip antenna</li> <li>• Use CAD Tools for measuring antenna parameters</li> <li>• Design patch antenna</li> </ul>	

*[Signature]*  
12/3/21  
Course Coordinator

*[Signature]*  
12/3/21  
HoD

*[Signature]*  
12/3/21  
Dean-TL

*[Signature]*  
12/3/21  
Principal

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TECHNOLOGY LEARNING CENTRE

VASD

ECE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## Course Proposal

January – June 2021

1.	Name of the Group (TLeG)	Antenna Group
	Collaborating / Sponsoring Agency	IETE
2.	Duration (in Hours)	30
3.	Title of the Course	Design of Microstrip Antenna
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Er. V.Rajkumar Designation : Engineer - Technical Address : Sinetec Technologies, Coimbatore. Contact No : +91 9787089254 Mail id : rajkumar@sinetec.in
5.	No. of Students Participants Expected	55
6.	Proposed Budget (Attach Details in Annexure)	Annexure attached
7.	Coordinator of the Course	Name : Dr. J.Rangarajan Designation : Professor / ECE Contact No : 9486110500

*[Signature]*  
Course Coordinator

*[Signature]*  
HOD

Approved/Not Approved

*[Signature]*  
Dean-TL

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VASD200119 - DESIGN OF MICROSTRIP ANTENNA

## Course Schedule

S. No.	Topic	Hours
<b>Module I</b>		
1.	Antenna parameters, types of antenna and applications	3
2.	Antenna design, feeding techniques	3
3.	Getting started with CAD tools	3
<b>Module II</b>		
4.	S parameters, Smith chart	4
5.	Schematic design flow: creating workspace	2
6.	Designing patch elements.	3
<b>Module III</b>		
7.	Design and simulation of Patch antenna	8
8.	Patch antenna with finite ground	4

Attested

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Department of Electronics and Communication Engineering

Value Added Course

on

"VASD200119 - DESIGN OF MICROSTRIP ANTENNA"

Date: 05.02.2021 - 04.03.2021

## Event Planner

S. No	Date of the Event	Hours Details	Name of the Event	Event Speaker
1	05.02.2021	Hours-1,2,3,4,5	Antenna parameters, types of antenna and applications	Dr.J.Rangarajan and Mr.C.Sivakumar
2	06.02.2021	Hours-6,7,8,9,10	antenna design, feeding techniques, Getting started with CAD tools	Dr.J.Rangarajan and Mr.C.Sivakumar
3	10.02.2021	Hours-11,12,13,14,15	S- Parameters and Smith chart	Dr.J.Rangarajan
4	13.02.2021	Hours-16,17,18,19,20	Schematic design flow: creating workspace, designing patch elements.	Dr.J.Rangarajan
5	03.03.2021	Hours-21,22,23,24,25	Design and simulation of Patch antenna	V.Rajkumar Sinetec Technologies, Coimbatore
6	04.03.2021	Hours-26,27,28,29,30	Design and simulation of Patch antenna with finite ground	Dr.J.Rangarajan

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## TECHNOLOGY LEARNING CENTRE

VASD

ECE

2020-21

Course Code : VASD200119

Course Title : Design of Microstrip Antenna

Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	05/2/ 2021	06/2/ 2021	10/2/ 2021	13/2/ 2021	03/03/ 2021	04/03/ 2021
1.	18EC083	S. KEERTHANA	III / V	ECE/B	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthana
2.	18EC091	M.MENAKA	III / V	ECE/B	mena	mena	mena	mena	mena	mena
3.	18EC092	S.MONISHA	III / V	ECE/B	Monisha	Monisha	Monisha	Monisha	Monisha	Monisha
4.	18EC106	S.PRIYADHARSHINI	III / V	ECE/B	Priya	Priya	Priya	Priya	Priya	Priya
5.	18EC109	S.RUBHAPRIYADHAR SHINI	III / V	ECE/B	Rubha	Rubha	Rubha	Rubha	Rubha	Rubha
6.	19EC052	S.MALINI	II/III	ECE/A	malini	malini	malini	malini	malini	malini
7.	19EC081	J.SABITHA	II / III	ECE/B	sabi	sabi	sabi	sabi	sabi	sabi
8.	19EC011	V.DEEPA	II / III	ECE/A	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa
9.	19EC043	R.KIRUTHIKA	II / III	ECE/A	Kiruthika	Kiruthika	Kiruthika	Kiruthika	Kiruthika	Kiruthika
10.	19EC041	V.KAVIYA	II / III	ECE/A	<del>Kaviya</del>	<del>Kaviya</del>	<del>Kaviya</del>	<del>Kaviya</del>	<del>Kaviya</del>	<del>Kaviya</del>
11.	18EC502	KANNAN.S	IV/VII	ECE/A	Kannan	Kannan	Kannan	Kannan	Kannan	Kannan
12.	19EC002	J.ABINAYASHREE	II / III	ECE/A	Abi	Abi	Abi	Abi	Abi	Abi
13.	19EC012	R.DEEPALAKSHMI	II / III	ECE/A	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa
14.	19EC021	L.DIVYABHARATHI	II / III	ECE/A	Divya	Divya	Divya	Divya	Divya	Divya
15.	19EC036	F.JANNATHUL FIRTHOUS	II / III	ECE/A	Fathima	Fathima	Fathima	Fathima	Fathima	Fathima
16.	19EC049	K.MAHALAKSHMI	II / III	ECE/A	Maha	Maha	Maha	Maha	Maha	Maha
17.	17EC016	V.DINESHKUMAR	IV/VII	ECE/A	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
18.	17EC017	A.DIVYADHARSHINI	IV/VII	ECE/A	Divya	Divya	Divya	Divya	Divya	Divya
19.	17EC098	SALINI PRIYA C	IV/VII	ECE/B	Salini	Salini	Salini	Salini	Salini	Salini
20.	17EC076	A.NIRMALADEVI	IV/VII	ECE/B	Devi	Devi	Devi	Devi	Devi	Devi
21.	17EC077	S.NISHANDHINI	IV/VII	ECE/B	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha
22.	17EC010	BRINDHA R	IV/VII	ECE/A	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha
23.	18EC116	D.SHARMILA	III/V	ECE/B	D.Shij	D.Shij	D.Shij	D.Shij	D.Shij	D.Shij

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24.	18EC117	R.SHARMILA	III/V	ECE/B	Rhar	Rhar	Rhar	Rhar	Rhar	Rhar
25.	19EC018	V.DHIVYA	II/III	ECE/A	Dive	Dive	Dive	Dive	Dive	Dive
26.	17EC079	NITHYANANDHAN S	IV/VII	ECE/B	Nithyan	Nithyan	Nithyan	Nithyan	Nithyan	Nithyan
27.	17EC002	AJITH A	IV/VII	ECE/A	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith
28.	17EC006	ANOOSH D	IV/VII	ECE/A	Anoosh	Anoosh	Anoosh	Anoosh	Anoosh	Anoosh
29.	17EC007	AROKIYA RANI J	IV/VII	ECE/A	Arokiya	Arokiya	Arokiya	Arokiya	Arokiya	Arokiya
30.	17EC008	BABY NISHA K	IV/VII	ECE/A	Baby	Baby	Baby	Baby	Baby	Baby
31.	17EC009	BEERAM SAI PAVAN	IV/VII	ECE/A	Sai	Sai	Sai	Sai	Sai	Sai
32.	17EC078	V.NISHANTHI	IV/VII	ECE/B	Nishanthi	Nishanthi	Nishanthi	Nishanthi	Nishanthi	Nishanthi
33.	17EC022	GUGAN R S	IV/VII	ECE/A	Gugan	Gugan	Gugan	Gugan	Gugan	Gugan
34.	17EC101	SANJAI T	IV/VII	ECE/B	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai
35.	17EC024	HEMARJA S	IV/VII	ECE/A	Hemara	Hemara	Hemara	Hemara	Hemara	Hemara
36.	17EC026	ISWARYA S	IV/VII	ECE/A	Iswarya	Iswarya	Iswarya	Iswarya	Iswarya	Iswarya
37.	17EC027	JAGADEESH P	IV/VII	ECE/A	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh
38.	17EC028	JANANI V M	IV/VII	ECE/A	Janani	Janani	Janani	Janani	Janani	Janani
39.	18EC501	ANANDHAKUMAR G	IV/VII	ECE/A	Anandhakumar	Anandhakumar	Anandhakumar	Anandhakumar	Anandhakumar	Anandhakumar
40.	18EC504	MANIKANDAN V	IV/VII	ECE/A	Manikandan	Manikandan	Manikandan	Manikandan	Manikandan	Manikandan
41.	19EC092	R.SHANNTHOSHI	II/III	ECE/B	Shannthoshi	Shannthoshi	Shannthoshi	Shannthoshi	Shannthoshi	Shannthoshi
42.	18EC503	KRISHNAKUMAR P	IV/VII	ECE/A	Krishnakumar	Krishnakumar	Krishnakumar	Krishnakumar	Krishnakumar	Krishnakumar
43.	18EC507	VIGNESH M	IV/VII	ECE/B	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
44.	18EC505	MURALIA	IV/VII	ECE/A	Muralia	Muralia	Muralia	Muralia	Muralia	Muralia
45.	17EC084	PRASANTH T	IV/VII	ECE/B	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth
46.	17EC085	PREM KUMAR S	IV/VII	ECE/B	Prem	Prem	Prem	Prem	Prem	Prem
47.	17EC086	PRIYANKA M	IV/VII	ECE/B	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
48.	17EC087	PRIYANKA R	IV/VII	ECE/B	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
49.	17EC018	K.GAYATHRI	IV/VII	ECE/A	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
50.	17EC099	SANDHIYA P	IV/VII	ECE/B	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
51.	17EC104	SARANYA V	IV/VII	ECE/B	Saranya	Saranya	Saranya	Saranya	Saranya	Saranya
52.	17EC107	SHAJITHA S	IV/VII	ECE/B	Shajitha	Shajitha	Shajitha	Shajitha	Shajitha	Shajitha
53.	17EC117	VAISHNAVI S	IV/VII	ECE/B	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
54.	17EC118	YUVARAJA M	IV/VII	ECE/B	Yuvaraja	Yuvaraja	Yuvaraja	Yuvaraja	Yuvaraja	Yuvaraja
55.	18EC506	SANGEETHA M	IV/VII	ECE/B	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha

*[Signature]*  
4/3/21

Course Coordinator

Attested

*[Signature]*  
4/3/21  
PRINCIPAL,  
MUTHYAMMAL ENGINEERING COLLEGE Dean -TL  
(AUTONOMOUS)  
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**TLC**

**TECHNOLOGY LEARNING CENTRE**  
Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD.....2.PP.119.....

C.No. : VASD.....32.....

## Certificate of Merit

This is to certify that Mr. / Ms. ....NLS.HANTHI.....V.....

Department of .....ELECTRONICS AND COMMUNICATION ENGINEERING.....

successfully completed the VASD Course on .....DESIGN OF MICROSTRIP ANTENNA.....

during .....JAN- JUNE 2021..... conducted by the Technology Learning Centre of the Institution.

*Signature*  
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TAMILNADU.



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**TLC**

**TECHNOLOGY LEARNING CENTRE**

**VASD**

**ECE**

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**2020-21**

**Course Proposal**

**JAN - JUNE 2021**

1.	Name of the Group (TLcG)	Signal Processing
	Collaborating / Sponsoring Agency	-
2.	Duration (in Hours)	30 Hours
3.	Title of the Course	Wireless communication and Signal Processing
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Dr.C.Venkatesh Designation : Professor / ECE Address : KalaignarKarunanidhi Institute of Technology,Coimbatore Contact No : 9994772592 Mail Id : cvenkateshmail@gmail.com
5.	No. of Students Participants Expected	63
6.	Proposed Budget ( Attach Details in Annexure)	Rs.10,000/-
7.	Coordinator of the Course	Name : Dr. C. Selvi Designation : Associate Professor Contact No : 9788078304

*[Signature]*  
Course Coordinator

Attested  
*[Signature]*

*[Signature]*  
HOD

Approved/Not Approved  
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TAMILNADU.

*[Signature]*  
Dean-TL

*[Signature]*  
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TECHNOLOGY LEARNING CENTRE

VASD

ECE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

COURSE COMPLETION REPORT [ECR]

1.	Name of the Group (TLcG)	Signal Processing	
2.	Course Code	VASD200117	
3.	Title of the Course	Wireless communication and Signal Processing	
4.	Collaborating / Sponsoring Agency	Nil	
5.	Duration	From 18.01.2021 to 23.01.2021	
6.	No. of Days/Hours	30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr.C.Venkatesh
		Designation	Professor / ECE
		Address	KalaingarKarunanidhi Institute of Technology,Coimbatore
		Contact No.	9994772592
		Mail id	cvenkateshmail@gmail.com
8.	Students Participated in the Course (List is to be attached)	63	
9.	Budget Utilized (Attach Details in Annexure)	Rs.10,000/-	
10.	Outcome of the Course	Students can able to: Future Wireless Communication System, Impact on ESL, The End of Moore's Law, Receiver Structure, Models and Performance Metrics, Massive Parallel Processing on heterogeneous MPSoC Application Specific	

*[Signature]*  
Coordinator

*[Signature]*  
HoD

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Principal



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## TECHNOLOGY LEARNING CENTRE

ECE

VALUE ADDITION/SKILLDEVELOPMENT COURSE

2020-21

### CCR – Enclosures

Name of the Group(TLeG) : Signal Processing  
 Name of the Course : Wireless communication and Signal Processing  
 Course Conducted (In Hours) : 30 Hrs

Sl. No.	Description	Enclosed or not ( Please put Tick Mark only)
1.	CourseProposal	✓
2.	Budget Proposed	✓
3.	Course Schedule	✓
4.	Expert Invitation& Thanks Letter	-
5.	Acceptance Letter from Expert	-
6.	ExpertProfile	✓
7.	Course Syllabus	✓
8.	Course Material (Annexure)	✓
9.	List of Participants	✓
10.	Expert Feedback	-
11.	Participants Feedback	✓
12.	Photos	-
13.	Budget Utilization	✓
14.	Certificate	✓

Course Coordinator

HOD

Dean-TL  
Attested

Principal

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# VASD200117 – Wireless communication and Signal Processing

## Contents

1	Introduction	2
2	Fundamental Limits in Wireless Communications and Networking	3
3	Emerging Theory and Applications	5
3.1	Novel Diversity Techniques and Signal Processing	5
3.2	Cross-Layer Design in Wireless	6
3.3	New Challenges in Ultra Wideband Radio	7
3.4	3G Wireless and Beyond	8
4	DoD and Industry Perspectives	9
4.1	Mobile Ad Hoc Networks	9
4.2	Sensor Networks for Military Applications	11
4.3	Ultra Wideband Radio for Military Applications	12
5	Recommendations	13

1

Attested

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## TECHNOLOGY LEARNING CENTRE

2020-21

EEE

### VALUE ADDITION/SKILL DEVELOPMENT COURSE

#### COURSE COMPLETION REPORT [CCR]

1.	Name of the Group (TLcG)	E-Vehicle Group	
2.	Course Code	VASD200102	
3.	Title of the Course	Charging of Electric Vehicle	
4.	Collaborating / Sponsoring Agency	Electrical and Electronics Engineering / Technology Learning Centre	
5.	Duration	07.09.2020 - 12.09.2020	
6.	No. of Days/Hours	6 Days / 40 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Dr. V.Agalya
		Designation	Associate Professor / EEE
		Address	CMR Institute of Technology, Bengaluru
		Contact No.	9840986507
		Mail id	agalya.vetri@gmail.com
8.	Students Participated in the Course (List is to be attached)	62	
9.	Budget Utilized (Attach Details in Annexure)	12,000/-	
10.	Outcome of the Course	Batteries are being engineered to have a long life. When the hybrid cars become more widespread, battery recycling will become economically possible. Research into other energy sources such as fuel cells and renewable fuels make the future look brighter for hybrid cars.	

*[Signature]*  
16/9/2020  
Course Coordinator

*[Signature]*  
HoD

*[Signature]*  
16/9/2020  
Dean-TL

Attested

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*[Signature]*  
16/9/2020  
Principal  
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## TECHNOLOGY LEARNING CENTRE

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EEE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

### Course Proposal

1.	Name of the Group (TLG)	E-Vehicle Group
	Collaborating / Sponsoring Agency	Electrical and Electronics Engineering / Technology Learning Centre
2.	Duration (in Hours)	07.09.2020 to 12.09.2020 / 40 Hours
3.	Title of the Course	Charging of Electric Vehicle
4.	Details of the Expert (Attach separate sheet if more than one)	Dr. V.Agalya Associate Professor / EEE CMR Institute of Technology, Bengaluru agalya.vetri@gmail.com
5.	No. of Students Participants Expected	70
6.	Proposed Budget ( Attach Details in Annexure)	12,000/-
7.	Coordinator of the Course	Mr.P.Manikandan , AP/EEE

*[Signature]*  
Course Coordinator  
5/9/2020

*[Signature]*  
HoD  
5/9/20

Approved/Not Approved

Attested

*[Signature]*  
Dean-TL  
5/9/20

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Principal  
12/9/2020



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*The Management, Principal, Faculties and Students Cordially  
invite you to the*  
**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

on

## **"Charging of Electric Vehicle"**

Date: 07.09.2020 to 12.09.2020

### Resource Person

**Dr. V.Agalya**

Associate Professor / EEE  
CMR Institute of Technology,  
Bengaluru

**Dr.K.Gunasekaran**

Secretary & Managing Trustee  
Muthayammal Educational Trust and Research Foundation  
Will preside over the function

**Dr.M.Madheswaran**

Principal  
Muthayammal Engineering College (Autonomous)  
Will deliver the Principal address

**Dr.S.Sundaram**

Dean - Technology Learning  
Muthayammal Engineering College (Autonomous)  
Will felicitate the function

**Dr.S.Saravanan**

Professor and Head- EEE  
Muthayammal Engineering College (Autonomous)  
Will deliver the welcome address

Attested

Event Coordinator

Mr.P.Manikandan, AP / EEE

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## TECHNOLOGY LEARNING CENTRE

VASD

EEE

2020-21

Course Code : VASD200102

Course Title : Charging of Electric Vehicle

### Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	7/19	8/19	9/19	10/19	11/19	12/19
1.	17EE001	AARIFA BANU S	IV/VII	EEE/A	S.Ay	S.Ay	S.Ay	S.Ay	S.Ay	S.Ay
2.	17EE002	AJITHKUMAR D	IV/VII	EEE/A	Dajith	Dajith	Dajith	Dajith	Dajith	Dajith
3.	17EE003	AKILAN J S	IV/VII	EEE/A	J.Sak	J.Sak	J.Sak	J.Sak	J.Sak	J.Sak
4.	17EE004	ANBARASU A	IV/VII	EEE/A	A.an	A.an	A.an	A.an	A.an	A.an
5.	17EE005	ANNAMALAI V	IV/VII	EEE/A	V.An	V.An	V.An	V.An	V.An	V.An
6.	17EE006	ARUN M	IV/VII	EEE/A	Arun	Arun	Arun	Arun	Arun	Arun
7.	17EE007	ARVINTHRAJ S	IV/VII	EEE/A	S.Arvinth	S.Arvinth	S.Arvinth	S.Arvinth	S.Arvinth	S.Arvinth
8.	17EE008	ASHOK S	IV/VII	EEE/A	Ashok	Ashok	Ashok	Ashok	Ashok	Ashok
9.	17EE009	BOOPATHI RAJA G	IV/VII	EEE/A	G.Boo	G.Boo	G.Boo	G.Boo	G.Boo	G.Boo
10.	17EE010	DHINESH K	IV/VII	EEE/A	K.Dhine	K.Dhine	K.Dhine	K.Dhine	K.Dhine	K.Dhine
11.	17EE011	DILEEP K	IV/VII	EEE/A	K.Dileep	K.Dileep	K.Dileep	K.Dileep	K.Dileep	K.Dileep
12.	17EE012	GOBI S	IV/VII	EEE/A	Gobi	Gobi	Gobi	Gobi	Gobi	Gobi
13.	17EE014	HARIHARAN K	IV/VII	EEE/A	K.Hari	K.Hari	K.Hari	K.Hari	K.Hari	K.Hari
14.	17EE015	HARIHARAN S	IV/VII	EEE/A	S.Hari	S.Hari	S.Hari	S.Hari	S.Hari	S.Hari
15.	17EE016	HARINI A	IV/VII	EEE/A	A.Hari	A.Hari	A.Hari	A.Hari	A.Hari	A.Hari
16.	17EE017	ISAIYALAGAN P S	IV/VII	EEE/A	P.S.Isai	P.S.Isai	P.S.Isai	P.S.Isai	P.S.Isai	P.S.Isai
17.	17EE019	JALADI KISHAN KANNA.S	IV/VII	EEE/A	S.Jaladi	S.Jaladi	S.Jaladi	S.Jaladi	S.Jaladi	S.Jaladi
18.	17EE021	KARAN K	IV/VII	EEE/A	K.Karan	K.Karan	K.Karan	K.Karan	K.Karan	K.Karan
19.	17EE022	KAVINKUMAR.C	IV/VII	EEE/A	C.Kavin	C.Kavin	C.Kavin	C.Kavin	C.Kavin	C.Kavin
20.	17EE023	KESAVAN S	IV/VII	EEE/A	S.Kesava	S.Kesava	S.Kesava	S.Kesava	S.Kesava	S.Kesava
21.	17EE025	LOKESH R	IV/VII	EEE/A	R.Lokesh	R.Lokesh	R.Lokesh	R.Lokesh	R.Lokesh	R.Lokesh
22.	17EE026	MANGALRAJ S	IV/VII	EEE/A	S.Mangal	S.Mangal	S.Mangal	S.Mangal	S.Mangal	S.Mangal
23.	17EE028	MANIKANDAN T	IV/VII	EEE/A	T.Manika	T.Manika	T.Manika	T.Manika	T.Manika	T.Manika
24.	17EE029	MANIMARAN L	IV/VII	EEE/A	L.Manima	L.Manima	L.Manima	L.Manima	L.Manima	L.Manima

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62.	17EE072	VIJAYALAKSHMI V	IV/VII	EEE/B	V. Vign	V. Vign	V. Vign	V. Vign	V. Vign	V. Vign
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*[Signature]*  
 12/9/2020  
 Course Coordinator

*[Signature]*  
 HoD

*[Signature]*  
 12/9/20  
 Dean TL

Attested

✓  
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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

TLeG

Course Code : VASD.22.00.102

C.No. : VASD. 01

## Certificate of Merit

This is to certify that Mr./ Ms. ARIFA BANU.S

Department of Electrical and Electronics Engineering  
successfully completed the VASD Course on Charging of Electric Vehicle

during 01.09.20 - 12.09.20 conducted by the Technology Learning Centre of the Institution.

Arifa Banu.S  
Course Co-ordinator

Arifa Banu.S  
HOD

Arifa Banu.S  
Dean TL

Arifa Banu.S  
Principal

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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

TLeG.

TLC.

## Certificate of Merit

C.No. : VASD.....*46*.....

Course Code : VASD.20010.2.....

This is to certify that Mr. / Ms. ....*SIVA.S*.....

Department of ....*Electrical and Electronics Engineering*.....  
successfully completed the VASD Course on ....*Charging of Electric Vehicle*.....

during D.T.09.20 - 12.09.20... conducted by the Technology Learning Centre of the Institution.

*Prasanna Kumar*  
Course Co-ordinator

Attested

*S. S. Prasad*  
PRINCIPAL,  
MUTHAYAMMAL ENGINEERING COLLEGE  
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*S. S. Prasad*  
Principal



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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD20C102A.....

Certificate of Merit

C.No. : VASD.....

62

This is to certify that Mr. / Ms. ....

VJAYALAKSHMI. V

Department of Electrical and Electronics Engineering

successfully completed the VASD Course on Charging of Electric Vehicle

during 07.09.20 - 12.09.20 conducted by the Technology-Learning Centre of the Institution.

Attested

*[Signature]*  
Course Co-ordinator

*[Signature]*  
PRINCIPAL,  
MUTHAYAMMAL ENGINEERING COLLEGE  
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DEARV - TL  
RASIPURAM-637 408, NAMAKKAL DIST.,  
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*[Signature]*  
Principal  
14/09/2020



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VASD

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## TECHNOLOGY LEARNING CENTRE

2020-21

EEE

### VALUE ADDITION/SKILL DEVELOPMENT COURSE

#### COURSE COMPLETION REPORT [CCR]

1.	Name of the Group (TLcG)	Smart Grid group	
2.	Course Code	VASD200109	
3.	Title of the Course	Integration of Alternate Energy Resources in Smart Grid	
4.	Collaborating / Sponsoring Agency	Electrical and Electronics Engineering / Technology Learning Centre	
5.	Duration	05.10.2020 - 09.10.2020	
6.	No. of Days/Hours	5 Days / 30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Ms. T.Vidya
		Designation	Assistant Professor / EEE
		Address	KSR College of Technology, Tiruchengode
		Contact No.	7339238711
		Mail id	vidtat@ksret.ac.in
8.	Students Participated in the Course (List is to be attached)	57	
9.	Budget Utilized (Attach Details in Annexure)	12,000/-	
10.	Outcome of the Course	Understand the concepts of smart grid i.e., an electricity network that can cost-efficiently integrate the behavior and actions of all users connected to it - generators, consumers and those that do both - to ensure economically efficient, sustainable power system with low losses and high levels of quality	

N Moh  
Course Coordinator  
12/10/20

HoD  
Attested

Dean  
12/10/20

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Principal  
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## TECHNOLOGY LEARNING CENTRE

VASD

EEE

### VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

#### Course Proposal

1.	Name of the Group (TLcG)	Smart Grid group
	Collaborating / Sponsoring Agency	Electrical and Electronics Engineering / Technology Learning Centre
2.	Duration (in Hours)	05.10.2020 to 09.10.2020/ 30 Hours
3.	Title of the Course	Integration of Alternate Energy Resources in Smart Grid
4.	Details of the Expert (Attach separate sheet if more than one)	Ms. T.Vidya Assistant Professor / EEE KSR College of Technology, Tiruchengode 7339238711 vidiat@ksrct.ac.in
5.	No. of Students Participants Expected	60
6.	Proposed Budget ( Attach Details in Annexure)	12,000/-
7.	Coordinator of the Course	Dr.N.Mohananthini

N.MoW  
Course Coordinator 04/10/20

Approved/Not Approved

Dean-TL 4/10/20

HoD

Attested

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RASIPURAM-637 408, NAMAKKAL Dist.,  
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Principal 4/10/2020



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**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**on**

**"Integration of Alternate Energy Resources in Smart Grid"**

**Date: 05.10.2020 to 09.10.2020**

**Resource Person**

**Ms. T.Vidya**

Assistant Professor / EEE  
KSR College of Technology,  
Tiruchengode

**Dr.K.Gunasekaran**

Secretary & Managing Trustee  
Muthayammal Educational Trust and Research Foundation  
Will preside over the function

**Dr.M.Madheswaran**

Principal  
Muthayammal Engineering College (Autonomous)  
Will deliver the Principal address

**Dr.S.Sundaram**

Dean - Technology Learning  
Muthayammal Engineering College (Autonomous)  
Will felicitate the function

**Dr.S.Saravanan**

Professor and Head- EEE  
Muthayammal Engineering College (Autonomous)  
Will deliver the welcome address

**Attested**

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Event Coordinator  
Dr.N.Mohananthini, ASP/ EEE



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VASD

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## TECHNOLOGY LEARNING CENTRE

EEE

2020-21

Course Code : VASD200109

Course Title : Integration of Alternate Energy Resources in Smart Grid

### Participants List:

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	5/10	6/10	7/10	8/10	9/10
1.	17EE073	VIMAL S	IV/VII	EEE/B	Vimal	Vimal	Vimal	Vimal	Vimal
2.	17EE074	VIMALKANTH A V R	IV/VII	EEE/B	Vimal	Vimal	Vimal	Vimal	Vimal
3.	17EE075	VISHVA S	IV/VII	EEE/B	Vimal	Vimal	Vimal	Vimal	Vimal
4.	18EE501	AJAY A	IV/VII	EEE/A	Ajay	Ajay	Ajay	Ajay	Ajay
5.	18EE502	DHANARASAN M	IV/VII	EEE/A	Dhan	Dhan	Dhan	Dhan	Dhan
6.	18EE503	FATHIMA S	IV/VII	EEE/A	Fatha	Fatha	Fatha	Fatha	Fatha
7.	18EE504	GUNA S	IV/VII	EEE/A	Guna	Guna	Guna	Guna	Guna
8.	18EE505	INBHAKUMAR S	IV/VII	EEE/A	Inbh	Inbh	Inbh	Inbh	Inbh
9.	18EE506	JOTHIMURALI T	IV/VII	EEE/A	Jothi	Jothi	Jothi	Jothi	Jothi
10.	18EE507	KUMARESAN C	IV/VII	EEE/A	Kuma	Kuma	Kuma	Kuma	Kuma
11.	18EE509	MANISHKUMAR	IV/VII	EEE/A	Mani	Mani	Mani	Mani	Mani
12.	18EE510	MUJAMMIL M	IV/VII	EEE/A	Mujam	Mujam	Mujam	Mujam	Mujam
13.	18EE511	MURUGAN N	IV/VII	EEE/A	Murug	Murug	Murug	Murug	Murug
14.	18EE512	PRAKASH P	IV/VII	EEE/A	Praka	Praka	Praka	Praka	Praka
15.	18EE513	PRAVEEN KUMAR P	IV/VII	EEE/A	Prave	Prave	Prave	Prave	Prave
16.	18EE514	PUGALENTHI K	IV/VII	EEE/A	Pugale	Pugale	Pugale	Pugale	Pugale
17.	18EE516	SANDHOSHKUMAR N M	IV/VII	EEE/B	Sandh	Sandh	Sandh	Sandh	Sandh
18.	18EE517	SATHAM HUSSAIN S	IV/VII	EEE/B	Satham	Satham	Satham	Satham	Satham
19.	18EE518	SELVAPPRIYA P	IV/VII	EEE/B	Selvap	Selvap	Selvap	Selvap	Selvap
20.	18EE520	SHALINI V	IV/VII	EEE/B	Shalini	Shalini	Shalini	Shalini	Shalini
21.	18EE521	SURYA T	IV/VII	EEE/B	Surya	Surya	Surya	Surya	Surya
22.	18EE522	SURYA PRAKASH V	IV/VII	EEE/B	Surya	Surya	Surya	Surya	Surya
23.	18EE523	UMAMAHESWARI M	IV/VII	EEE/B	Uma	Uma	Uma	Uma	Uma
24.	18EE524	VIDHYASHRI S	IV/VII	EEE/B	Vidhya	Vidhya	Vidhya	Vidhya	Vidhya

Attested

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TAMILNADU.

25.	18EE525	VIGNESH G	IV/VII	EEE/B	Vignesh G	Vignesh G	Vignesh G	Vignesh G	Vignesh G
26.	18EE526	VIGNESH V	IV/VII	EEE/B	Vignesh V	Vignesh V	Vignesh V	Vignesh V	Vignesh V
27.	18EE527	VJAY R	IV/VII	EEE/B	Vjay R	Vjay R	Vjay R	Vjay R	Vjay R
28.	18EE528	VJAY S	IV/VII	EEE/B	Vjay S	Vjay S	Vjay S	Vjay S	Vjay S
29.	19EE001	ABIMANYU S	II/III	EEE/A	Abimanyu S	Abimanyu S	Abimanyu S	Abimanyu S	Abimanyu S
30.	19EE002	ABINESAN M	II/III	EEE/A	Abinesan M	Abinesan M	Abinesan M	Abinesan M	Abinesan M
31.	19EE003	ANBUBALAJI S	II/III	EEE/A	Anbubalaji S	Anbubalaji S	Anbubalaji S	Anbubalaji S	Anbubalaji S
32.	19EE004	ARUL J	II/III	EEE/A	Arul J	Arul J	Arul J	Arul J	Arul J
33.	19EE005	ATHESH M	II/III	EEE/A	Athesh M	Athesh M	Athesh M	Athesh M	Athesh M
34.	19EE006	AZHAGANANDHAM S	II/III	EEE/A	Azhaganandham S	Azhaganandham S	Azhaganandham S	Azhaganandham S	Azhaganandham S
35.	19EE007	BALAJI A	II/III	EEE/A	Balaji A	Balaji A	Balaji A	Balaji A	Balaji A
36.	19EE008	BALAJI R	II/III	EEE/A	Balaji R	Balaji R	Balaji R	Balaji R	Balaji R
37.	19EE009	BALAJI S	II/III	EEE/A	Balaji S	Balaji S	Balaji S	Balaji S	Balaji S
38.	19EE010	DEEPIKA K	II/III	EEE/A	Deepika K	Deepika K	Deepika K	Deepika K	Deepika K
39.	19EE011	DHIVYA S	II/III	EEE/A	Dhivya S	Dhivya S	Dhivya S	Dhivya S	Dhivya S
40.	19EE012	DIVYASRI S	II/III	EEE/A	Divyasri S	Divyasri S	Divyasri S	Divyasri S	Divyasri S
41.	19EE013	ELANGO VAN P	II/III	EEE/A	Elango Van P	Elango Van P	Elango Van P	Elango Van P	Elango Van P
42.	19EE014	ELANGO VAN P	II/III	EEE/A	Elango Van P	Elango Van P	Elango Van P	Elango Van P	Elango Van P
43.	19EE015	ESWARAMOORTHY K	II/III	EEE/A	Eswaramoorthy K	Eswaramoorthy K	Eswaramoorthy K	Eswaramoorthy K	Eswaramoorthy K
44.	19EE016	GOKULRAJ R	II/III	EEE/A	Gokulraj R	Gokulraj R	Gokulraj R	Gokulraj R	Gokulraj R
45.	19EE017	GOPI R	II/III	EEE/A	Gopi R	Gopi R	Gopi R	Gopi R	Gopi R
46.	19EE018	GOWDHAMAN K	II/III	EEE/A	Gowdhaman K	Gowdhaman K	Gowdhaman K	Gowdhaman K	Gowdhaman K
47.	19EE019	GOWTHAM M	II/III	EEE/A	Gowtham M	Gowtham M	Gowtham M	Gowtham M	Gowtham M
48.	19EE020	GUNASEKARAN V	II/III	EEE/A	Gunasekaran V	Gunasekaran V	Gunasekaran V	Gunasekaran V	Gunasekaran V
49.	19EE021	HARIKIRUTHIK K	II/III	EEE/A	Harikiran K	Harikiran K	Harikiran K	Harikiran K	Harikiran K
50.	19EE023	HARIVIGNESH K	II/III	EEE/A	Harivignesh K	Harivignesh K	Harivignesh K	Harivignesh K	Harivignesh K
51.	19EE024	HARSHAVARMA M S	II/III	EEE/A	Harshavarma M S	Harshavarma M S	Harshavarma M S	Harshavarma M S	Harshavarma M S
52.	19EE025	HEMA A	II/III	EEE/A	Hema A	Hema A	Hema A	Hema A	Hema A
53.	19EE026	HEMALATHA D	II/III	EEE/A	Hemalatha D	Hemalatha D	Hemalatha D	Hemalatha D	Hemalatha D
54.	19EE027	INDHU E	II/III	EEE/A	Indhu E	Indhu E	Indhu E	Indhu E	Indhu E
55.	19EE028	INDHUMATHI S	II/III	EEE/A	Indhumathi S	Indhumathi S	Indhumathi S	Indhumathi S	Indhumathi S
56.	19EE029	JAGADEESHWARAN P	II/III	EEE/A	Jagadeeshwaran P	Jagadeeshwaran P	Jagadeeshwaran P	Jagadeeshwaran P	Jagadeeshwaran P
57.	19EE030	JAISANKAR A	II/III	EEE/A	Jaisankar A	Jaisankar A	Jaisankar A	Jaisankar A	Jaisankar A

N. K. K. D.  
9/10/20  
Course Coordinator

Attested  
PRINCIPAL,  
MUTHYAMMAL ENGINEERING COLLEGE  
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RASIPURAM-637 408, NAMAKKAL DISTRICT,  
TAMILNADU. Dean-T2

9/10/20  
HoD



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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

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## Certificate of Merit

Course Code : VASD...2001P09.....

C.No. : VASD.....01.....

This is to certify that Mr. / Ms. V.M.Ah. S.

Department of Electrical and Electronics Engineering  
successfully completed the VASD Course on Integration of Alternate Energy Resources in Smart Grid

during 05/10/20 - 09/10/20 conducted by the Technology Learning Centre of the Institution.

N. Madhavan  
Course Co-ordinator

Attested

H. Jeyapriya  
PRINCIPAL,  
MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS)  
HABITURA - 637 408, NAMAKKAL DIST.,  
TAMILNADU.

[Signature]  
Principal



Est'd. 2000

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Value Addition / Skill Development (VASD) Courses (2020 - 2021)

TLeG

Course Code : VASD.2001R.9.....

C.No. : VASD..... 21.....

Certificate of Merit

This is to certify that Mr. / Ms. ....

SURYA.T.....

Department of Electrical and Electronics Engineering.....  
successfully completed the VASD Course on Integration of Alternate Energy Resources in Smart Grid

during 05.10.20 - 09/10/20 conducted by the Technology Learning Centre of the Institution.

N. Mohan 5/10/20  
Course Co-ordinator

Attested

PRINCIPAL,  
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(AUTONOMOUS)  
HOBBERAM-637 408, NAMAKKAL Dist.  
TAMILNADU.

Principal 10/10/20



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TECHNOLOGY LEARNING CENTRE  
Value Addition / Skill Development (VASD) Courses (2020 - 2021)



## Certificate of Merit

Course Code : VASD.2001.09.....

C.No. : VASD.....57.....

This is to certify that Mr. / Ms. JAI SANKAR A.

Department of Electrical and Electronics Engineering  
successfully completed the VASD Course on Integration of Alternate Energy Resources in Smart Grid.

during 25/10/20 - 09/10/20 conducted by the Technology Learning Centre of the Institution.

N. Kalyani  
Course Co-ordinator

Attested

A. S. Srinivasan  
HOD  
PRINCIPAL,  
MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS)  
RASIPURAM-637 408, NAMAKKAL DIST  
TAMILNADU.

S. S. Srinivasan  
Dean - TL

S. S. Srinivasan  
Principal



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TECHNOLOGY LEARNING CENTRE

VASD

EEE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

COURSE COMPLETION REPORT [CCR]

1.	Name of the Group (TLcG)	Smart Grid Group	
2.	Course Code	VASD200120	
3.	Title of the Course	Advances Technologies in Smart Grid	
4.	Collaborating / Sponsoring Agency	Electrical and Electronics Engineering / Technology Learning Centre	
5.	Duration	15/02/2021 to 20/02/2021	
6.	No. of Days/Hours	6 Days / 30 Hours	
7.	Details of the Experts (Attach separate sheet if more than one)	Name	Mr.R.Soundarapandiyan
		Designation	Lead Technical Application Engineer
		Address	GE T&D India Ltd, Chennai
		Contact No.	919840376440
		Mail id	spandiams@gmail.com
8.	Students Participated in the Course (List is to be attached)	25	
9.	Budget Utilized (Attach Details in Annexure)	-	
10.	Outcome of the Course	Smart grid will act as a backbone infrastructure to enable new business models like smart city, electric vehicles, smart communities apart from more resilient and efficient energy system and tariff structures. The skill development course envisages providing the basic understanding of the smart grid concepts along with an exposure to the application developments in the field of power system to address the specific needs of a smart grid.	

N. Mohd  
Course Coordinator

Attested  
PRINCIPAL,  
MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS)  
RASIPURAM-637 408, NAMAKKAL Dist.,  
TAMILNADU.

Dean-TL  
23/2/2021

Principal  
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TECHNOLOGY LEARNING CENTRE

VASD

EEE

VALUE ADDITION/SKILL DEVELOPMENT COURSE

2020-21

## Course Proposal

1.	Name of the Group (TLcG)	Smart Grid Group
	Collaborating / Sponsoring Agency	Electrical and Electronics Engineering / Technology Learning Centre
2.	Duration (in Hours)	15/02/2021 to 20/02/2021/ 30 Hours
3.	Title of the Course	Advances Technologies in Smart Grid
4.	Details of the Expert (Attach separate sheet if more than one)	Name : Mr.R.Soundarapandiyan Designation : Lead Technical Application Engineer, Address : GE T&D India Ltd, Chennai Contact No : 919840376440 Mail Id : spandiams@gmail.com
5.	No.of Students Participants Expected	25
6.	Proposed Budget ( Attach Details in Annexure)	-
7.	Coordinator of the Course	Name : Dr.N.Moġananthini Designation : Associate professor/EEE Contact No : 9843279541

*N.Moh*  
Course Coordinator

Approved/Not Approved

Dean-TE

Attested

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RASIPURAM-637 408, NAMAKKAL Dist.,  
TAMILNADU.

*09/06*  
HoD

Principal



# MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NAAC & Affiliated to Anna University) Rasipuram - 637 408, Namakkal Dist., Tamil Nadu

*Department of Electrical and Electronics Engineering in  
Association with Technology Learning Group  
The Management, Principal, Faculties and Students Cordially  
invite you to the*

**VALUE ADDITION/SKILL DEVELOPMENT COURSE**

**on**

**"Advances Technologies in Smart Grid"**

**Date: 15.02.2021**

**Time: 10.00 am to 1.00 pm**

**Resource Person**

**Mr.R.Soundarapandiyan**

Lead Technical Application Engineer  
GE T&D India Ltd, Chennai

**Dr.K.Gunasekaran**

Secretary & Managing Trustee  
Muthayammal Educational Trust and Research Foundation  
Will preside over the function

**Dr.M.Madheswaran**

Principal  
Muthayammal Engineering College (Autonomous)  
Will deliver the Principal address

**Dr.S.Sundaram**

Dean - Technology Learning  
Muthayammal Engineering College (Autonomous)  
Will felicitate the function

**Dr.S.Saravanan**

Professor and Head- EEE  
Muthayammal Engineering College (Autonomous)  
Will deliver the welcome address

Event Coordinator  
Dr.N.Mohananthini, ASP/ EEE

Attested

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## TECHNOLOGY LEARNING CENTRE

VASD

EEE

2020-21

Course Code : VASD200120

Course Title : Advances Technologies in Smart Grid

### Participants List :

S. No.	Roll No	Name of the Student	Year /Sem	Branch /Sec	15/2	14/2	17/2	18/2	19/2	20/2
1.	17EE014	HARIHARAN K	IV/VII	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
2.	17EE041	PERUMAL K	IV/VII	EEE/B	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
3.	18EE004	ANAND A	III/V	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
4.	18EE011	BOOPALAN V	III/V	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
5.	18EE020	GOBINATH R	III/V	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
6.	18EE038	NAVEEN S R	III/V	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
7.	19EE012	DIVYASRI S	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
8.	19EE034	KANNAN N	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
9.	19EE035	KARTHICK S	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
10.	19EE036	KARTHIKEYAN M	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
11.	19EE037	KAYALKANNAN M S	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
12.	19EE038	KEERTHANA M P	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
13.	19EE041	MEENA R	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
14.	19EE042	MEGASRI V	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
15.	19EE043	MOHAMED HASSAN A	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
16.	19EE045	MYVIZHI V	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
17.	19EE046	NANDHINI G.T	II/III	EEE/A	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
18.	19EE061	SABITHA. S S	II/III	EEE/B	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
19.	19EE063	SANJAY. K	II/III	EEE/B	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
20.	19EE068	SIVARANJANI. K	II/III	Attested	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten

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21.	19EE069	SIVARANJANI. S	II/III	EEE/B	Eng	Eng	Eng	Eng	Eng	Eng
22.	19EE078	SWETHA. T	II/III	EEE/B	Eng	Eng	Eng	Eng	Eng	Eng
23.	19EE082	THILAGAVATHI. M	II/III	EEE/B	Eng	Eng	Eng	Eng	Eng	Eng
24.	19EE083	UMAMAGESHWARI. S.	II/III	EEE/B	Eng	Eng	Eng	Eng	Eng	Eng
25.	20EE524	SANKAR. M	II/III	EEE/B	Eng	Eng	Eng	Eng	Eng	Eng

N. Moh  
20/2/21  
Course Coordinator

HoB  
21/2/21

Dean - TL  
21/2/21

Attested

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TAMILNADU.



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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

**TLeG**

Course Code : VASD.200120.....

C.No. : VASD.....01.....

## Certificate of Merit

This is to certify that Mr. / Ms. HARIHARAN.K.

Department of Electrical and Electronics Engineering

successfully completed the VASD Course on Advanced Technologies in Smart Grid

during 15.08.21 - 20.08.21 conducted by the Technology Learning Centre of the Institution.

*[Signature]*  
Course Co-ordinator

*[Stamp]*

*[Signature]*  
PRINCIPAL, EGS-720121  
MUTHAYAMMAL ENGINEERING COLLEGE  
(AUTONOMOUS) DEANAL TL  
RASIPURAM-637 408, NAMAKKAL DIST.  
TAMILNADU.

*[Signature]*  
Principal



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TECHNOLOGY LEARNING CENTRE  
Value Addition / Skill-Development (VASD) Courses (2020 - 2021)

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C.No. : VASD.....13

## Certificate of Merit

Course Code : VASD.200.120

This is to certify that Mr. / Ms. MEENA R  
Department of Electrical and Electronics Engineering  
successfully completed the VASD Course on Advanced Technologies in Smart Grid  
during 15.02.21 - 20.02.21 conducted by the Technology Learning Centre of the Institution.

Attested

N. K. N. S. / 21/21  
Course Co-ordinator

PRINCIPAL,  
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TECHNOLOGY LEARNING CENTRE

Value Addition / Skill Development (VASD) Courses (2020 - 2021)

TLeG

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C.No. : VASD.....25.....

Course Code : VASD.20.02.20.....

This is to certify that Mr. / Ms. SANKAR. M  
Department of Electrical and Electronics Engineering  
successfully completed the VASD Course on Advanced Technologies in Smart Grid

during 15.02.21 - 20.02.21 conducted by the Technology Learning Centre of the Institution.

N. VED  
Course Co-ordinator

PR. HOBBANNAI  
(AUT.)  
RASIPURAM-637 408,  
TAMIL NADU.  
Dean - TL

Principal

ATTES