Narasu's Sarathy
Institute of Technology
Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

CRITERION 1- CURRICULAR ASPECTS

Key Indicator – 1.2 Academic Flexibility

1.2.2 - Number of Add on /Certificate programs offered during the year

INDEX

S.No	DESCRIPTION
1.	CERTIFCATE OF HOI
2.	ADD ON COURSES _2020-2021

Criterion 1: 1.2.2 - Number of Add on /Certificate programs offered during the year

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CERTIFICATE OF HOI

Criterion 1: 1.2.2 - Number of Add on /Certificate programs offered during the year

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admin@nsit.edu.in,www.nsit.edu.in

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that the following list of Add on/certificate courses offered during the acedamic year **2020-2021.** The total number of courses conducted: **13 Courses**

S.No	DEPARTMENT	NAME OF THE ADD-ON COURSE
1	Civil Engineering	Fire Production, Services and Maintenance Management of Building
2	Civil Engineering	Microsoft Project Master class Outline
3	Computer Science and Engineering	Computer Servicing & Trouble Shooting
4	Computer Science and Engineering	Digital Marketing
5	Computer Science and Engineering	Block Chain Technology
6	Electronics and Communication Engineering	Advanced Arduino programming and its application
7	Electronics and Communication Engineering	Digital Signal Processing using MATLAB
8	Electrical and Electronics Engineering	Industrial Automation With PLC
9	Electrical and Electronics Engineering	DIALux Software
10	Mechanical Engineering	3D-Printing
11	Mechanical Engineering	Energy Resources and Management
12	Science and Humanities	Introduction to CAD
13	Science and Humanities	CompTIA N+

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, S[illegible] - 636 305.

Criterion 1: 1.2.2 - Number of Add on /Certificate programs offered during the year

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ADD ON COURSES _2020-2021

Criterion 1: 1.2.2 - Number of Add on /Certificate programs offered during the year

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S.No	DEPARTMENT	NAME OF THE ADD-ON COURSE
1	Civil Engineering	Fire Production, Services and Maintenance Management of Building
2	Civil Engineering	Microsoft Project Master class Outline
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6	Electronics and Communication Engineering	Advanced Arduino programming and its application
7	Electronics and Communication Engineering	Digital Signal Processing using MATLAB
8	Electrical and Electronics Engineering	Industrial Automation With PLC
9	Electrical and Electronics Engineering	DIALux Software
10	Mechanical Engineering	3D-Printing
11	Mechanical Engineering	Energy Resources and Management
12	Science and Humanities	Introduction to CAD
13	Science and Humanities	CompTIA N+

REQUISTION LETTER

Date: 21.04.2021

From

Mr.P.Govintharaj
Coordinator,
Department of Civil Engineering,
Narasu's Sarathy Institute of Technology,
Poosaripatty,
Salem

To

The Principal,
Narasu'sSarathy Institute of Technology,
Poosaripatty,
Salem

Respected Sir,

Sub: Requisition for conducting AU-CAC-Value Added course -reg.,

For the Academic year 2021-2022 Even semester as per the recommendation of members, Department of Civil Engineering is planned to conduct Value Added course. So, kindly grant us permission to conduct Value Added course as per the schedule given below.

Name of the Program	Code/Title	Duration
Value Added course	CVA031 / Fire Production, Services and Maintenance Management of Building	22.04.2021-26.04.2021

Thanking You

Yours Sincerely,

Encl: Approval copy from AU – CAC

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 306.

CIRCULAR

Date: 21.04.2021

The Department of Civil Engineering is planning to conduct certificate course on CVA031 - Fire Production, Services and Maintenance Management of Building for the Academic year 2021-2022. The students are requested to utilize this opportunity and improve their knowledge &skills required by industries. It will be conducted during regular college hours through online mode. The third and final year students are requested to utilize the class session in this regard between 9:30 am to 4 pm. The Time duration of the course on 22.04.2021 - 26.04.2021.The third year students collect the course schedule and guest details from coordinator Mr.P.Govintharaj, AP/CIVIL.

To

The Department Notice Board

21/4/21

Copy to:

1. Chairman
2. Principal
3. IQAC

Attended

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 306.

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited by NAAC | Affiliated to Anna University	Attendance For Certificate Course	
Document ID:	NSIT/CIVIL/2020-2021/CC-02	**Title:** Fire Production, Services and Maintenance Management of Building
Programme:	BE	**Branch:** CIVIL
Academic year:	2020-2021	**Date:** 22.04.2021

S.No	Register No	Students Name	22.04.2021		23.04.2021		24.04.2021		25.04.2021		26.04.2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	611718103002	Arunkumar.M	AB	AB	✓	✓	✓	✓	✓	✓	✓	✓
2	611718103003	Chandraprakash.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	611718103004	Hariharan.K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	611718103005	Keerthana.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	611718103006	Narmathadevi.M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	611718103007	Poovarasan.M	AB	AB	✓	✓	✓	✓	✓	✓	✓	✓
7	611718103008	Rajeshkumar.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	611718103009	Sundaresh.L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	611718103010	Udayaprasath.V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	611718103301	Sakthivel.P	AB	AB	✓	✓	✓	✓	✓	✓	✓	✓

Co-ordinator **HoD** 22/4/21 **Principal**

Attested

31.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu'sSarathy Institute of Technology, Salem

Department of Civil Engineering

Value Added Course Evaluation Questions

CVA031 / Fire Production, Services and Maintenance Management of Building

Date: 22.04.2021 - 26.04.2021

Date: 27.04.2021

Time:1 hr 30 mins.

Answer the following questions: **(12 x 5= 60 Marks)**

1. Explain in detail about process of fire production and their effect.
2. Describe the effect of fire on construction materials and also explain concept of fire resistance on design of concrete elements.
3. Elaborate Fire detection & Suppression systems.
4. Write short notes on intelligent building fire control system
5. List the role of building maintenance in construction process.

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu'sSarathy Institute of Technology, Salem

Department of Civil Engineering

Feedback

CVA031 / Fire Production, Services and Maintenance Management of Building

Date: 22.04.2021 - 26.04.2021

Instructions: Please indicate your level of agreement with the statements listed below in #1-11.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The objectives of the training were clearlydefined.	☑	☐	☐	☐	☐
2. Participation and interaction were encouraged.	☑	☐	☐	☐	☐
3. The topics covered were relevant tome.	☑	☐	☐	☐	☐
4. The content was organized and easyto follow.	☑	☐	☐	☐	☐
5. The materials distributed werehelpful.	☑	☐	☐	☐	☐
6. This training experience will be useful in mywork.	☑	☐	☐	☐	☐
7. The trainer was knowledgeableabout the trainingtopics.	☑	☐	☐	☐	☐
8. The trainer was wellprepared.	☑	☐	☐	☐	☐
9. The training objectives weremet.	☑	☐	☐	☐	☐
10. The time allotted for the trainingwas sufficient.	☑	☐	☐	☐	☐
11. The meeting room and facilities were adequate andcomfortable.	☑	☐	☐	☐	☐

S. Keerthana
Attended

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu'sSarathy Institute of Technology, Salem

Department of Civil Engineering

Mark statement

CVA031 / Fire Production, Services and Maintenance Management of Building

Date: 22.04.2021 - 26.04.2021

S.No	Register Number	Name	Year/ Dept.	Marks
1	611718103002	Arunkumar.M	III/CIVIL	70
2	611718103003	Chandraprakash.C	III/CIVIL	75
3	611718103004	Hariharan.K	III/CIVIL	84
4	611718103005	Keerthana.S	III/CIVIL	89
5	611718103006	Narmathadevi.M	III/CIVIL	92
6	611718103007	Poovarasan.M	III/CIVIL	73
7	611718103008	Rajeshkumar.A	III/CIVIL	78
8	611718103009	Sundaresh.L	III/CIVIL	80
9	611718103010	Udayaprasath.V	III/CIVIL	94
10	611718103301	Sakthivel	III/CIVIL	73

Attended

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 306.

Narasu's Sarathy Institute of Technology

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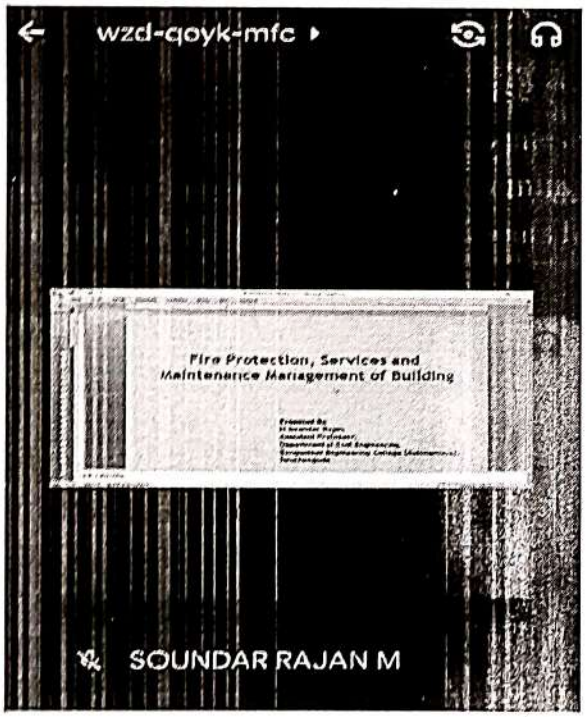
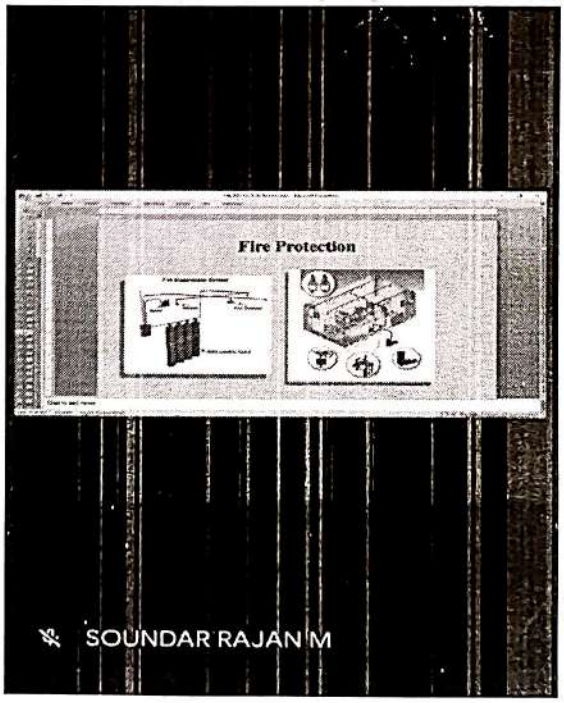
Salem Bengaluru Highway NH - 7, Poosaripatty, Omalur Taluk, Salem - 636305.
Ph: 04290-249661/62, admin@nsit.edu.in, www.nsit.edu.in

REPORT OF THE EVENT

Date	22.04.2021- 26.04.2021	**Coordinator**	Mr.P.Govintharaj
Time	9:30 AM- 4 PM	**Code/Title**	CVA031 / Fire Production, Services and Maintenance Management of Building
Venue	Online Mode	**No. of Participants**	10

We have arranged a value added course CVA031- Fire Production, Services and Maintenance Management of Building for Even semester, academic year 2020-21 as per the direction of department of academic advisory committee and center for academic courses. The total period of course is 30 hours. Totally 10 students have enrolled for this course and participated during the course.





- Mr.M.Soundar Rajan AP/CIVIL shares his basic ideas about fire production.
- Dr.D.Jegatheeshwaran shares his ideas design of fire resistant elements
- Mr.S.Gunasekar, AP/CIVIL share his view about fire control system and building maintenance..

Encl: Circular/ Attendance Sheet/ web portal name enry list

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

ANNEXURE - II

APPLICATION FOR CONDUCTING VALUE ADDED COURSES

1. Name of the Department: Civil Engineering
2. UG programme: B.E- Civil Engineering
3. **Details of the Value Added Courses:**
   a. Name of the Value Added Courses : **Fire Protection, Services and Maintenance Management of Building**
   b. Type of Value Added Courses (Theory/~~Lab/ Lab integrated Theory/others~~)
   c. Short Description Enclosure 1 enclosed - YES / ~~NO~~
   d. Syllabus including Reference Enclosure 2 enclosed - ~~YES~~ / NO
4. **Target audience: VI, VIII Semester Students (CIVIL)**
   Semester (indicate if more than one)
5. **Details of Faculty handling the course:**
   a. Name of the Faculty handling the Value Added course: **Mr.P.Govintharaj**
   b. Details including designation and expertise Enclosure 3 enclosed - YES / ~~NO~~
   c. Contact details
      Email ID : hodcivilnsit@gmail.com
      Phone No : 8610616566
6. **Tentative Time Table** including dates of internal assessments : Enclosure 4 enclosed - YES / ~~NO~~
7. Number of students opting for the course : 10 (Tentative Count)
8. Department Consultative Committee - Minutes : Enclosure 5 enclosed - YES / ~~NO~~
9. Name and Designation of the Coordinator : Mr.P.Govintharaj, Assistant Professor

Head of the Department

Attested

Principal

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Director, Academic Courses

Additional Controller of Examinations

Enclosure 1&2

FIRE PROTECTION, SERVICES AND MAINTENANCE MANAGEMENT OF BUILDING

L	T	P	C
2	0	0	2

OBJECTIVES:

- To understand the basic concepts of fire production.
- To able to sketch internal planning of the building fire detection and suppression system.
- Able to learn flow in pipe network

UNIT I BASIC CONCEPT OF FIRE PRODUCTION 6

Fire production – Process of combustion in fire- Effect of fire load & ventilation condition on enclosure fire, growth and decay of fire in enclosures

UNIT II DESIGN OF FIRE RESISTANT ELEMENTS 6

Concepts of fire resistant and severity- Effect of fire on materials- Simple Design of elements for given fire resistance

UNIT III FIRE SAFETY AND PLANNING 6

Planning- Fire detection & suppression systems- Smoke venting- Lifts & Vertical Transportation- arrangement of lifts and Design for optimum service condition.

UNIT IV FIRE CONTROL SYSTEMS 6

Building Services as a system- Capacity of storage and sizing- control systems- intelligent building.

UNIT V BUILDING MAINTENANCE 6

Basic psychometrics- Air conditioning process & system- Methods of Air Conditioning- Definition- Role of building maintenance in construction process- Maintenance generators.

TOTAL : 30 PERIODS

OUTCOMES:

Students will be able to

- Understand the effect of fire on construction materials.
- Design for fire resistance in steel and concrete.
- Draw psychometric chart
- Design of water supply distribution system

REFERENCES:

1. Charles A. Harper, Hand book of building materials for fire protection, McGraw – Hill, USA, 2004.
2. Fire service features of buildings and fire protection systems, Occupational safety and health Administration, U.S. Department of labor
3. Symeon E.Christodoulou, Michalis Fragiadakis and Savvas Xantyos, Urbon waterdistribution networks, Science Direct 2017.

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Enclosure 3

DETAILS INCLUDING DESIGNATIONSS AND EXPERTISE

S.No	Trainer	Content
1	M.Soundar Rajan, M.E., (Ph.D)., Assistant Professor, Department of Civil Engineering, Sengunthar Engineering College (Autonomous), Tiruchengode - 637205. Mr.P.Govintharaj, M.E., Assistant Professor, Department of Civil Engineering, Narasu's Sarathy Institute of Technology, Salem – 636305.	**UNIT I & UNIT II**
2	Dr.D.Jegatheeshwaran, M.E., Ph.D., Professor, Department of Civil Engineering, Sona College of Engineering (Autonomous), Salem - 636005 Mr.S.Lokesh, M.E., Assistant Professor, Department of Civil Engineering, Narasu's Sarathy Institute of Technology, Salem – 636305.	**UNIT III**
3	Mr.S.Gunasekar, M.E., (Ph.D)., Assistant Professor, Department of Civil Engineering K.S.Rangasamy College of Technology Tiruchengode - 637215 Mr.G.Sathiyaraj, M.E., Assistant Professor, Department of Civil Engineering, Narasu's Sarathy Institute of Technology, Salem – 636305.	**UNIT IV & UNIT V**

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Enclosure 4

TENTATIVE TIME TABLE INCLUDING DATES OF INTERNAL ASSESSMENTS

S.No	Programme	Semester	Commencement of Theory Classes	Commencement of Internal assessment test
1.	B.E(CIVIL)	VI,VIII	22.04.2021, 23.04.2021, 24.04.2021, 25.04.2021, 26.04.2021	05.05.2021

TOTAL: 30 PERIODS

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Enclosure 5

DEPARTMENT CONSULTATIVE COMMITTEE MINUTES

Date: 31.03.2021

Minutes of Meeting:

- Subject allocation for ODD semester 2020-21 plan discussed.
- Stationary requirement - Budget and requirement for this year was discussed.
- Student performance and Faculty research data was discussed.
- All CC's must instruct the students to maintain the attendance for this year.
- As per R-2017, lab requirement for higher semester students were discussed and Mr.G.Sathiyaraj AP/CIVIL were instructed to process the deficiency regarding laboratory concern.
- As per R-2017, Project was discussed for final year regarding batch list and guide.
- A need for raising funds for scholarships was discussed. Alumni, industry, government and philanthropy are considered as main source of funding resources.
- Mr.P.Govintharj AP/CIVIL presented the placement data of current and previous year students.
- For improving practical and technical skills related to Fire Protection, Services and Maintenance Management of Building (VI,VIII CIVIL) planned to conduct value added Course
- Ms.K.Sujitha AP/ CIVIL deputed for identifying expertise for organizing course
- Mr.P.Govintharj AP/CIVIL chosen as value added course head for Fire Protection, Services and Maintenance Management of Building. Ms.M.Mounica, AP/ CIVIL deputed for planning Budget, student willingness, tentative time table and prepare course schedule.

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
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Poosaripatty, SALEM - 636 305.

CLASS SCHEDULE **TOTAL: 30 PERIODS**

Day 1: UNIT I (22.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Fire production – Process of combustion in fire- Effect of fire load & ventilation condition on enclosure fire, growth and decay of fire in enclosures	**M.Soundar Rajan, M.E., (Ph.D).,** Assistant Professor, Department of Civil Engineering, Sengunthar Engineering College (Autonomous) **Mr.P.Govintharaj, M.E.,** Assistant Professor, Department of Civil Engineering, Narasu's Sarathy Institute of Technology
Day 2: UNIT II (23.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Concepts of fire resistant and severity- Effect of fire on materials- Simple Design of elements for given fire resistance	**M.Soundar Rajan, M.E., (Ph.D).,** Assistant Professor, Department of Civil Engineering, Sengunthar Engineering College (Autonomous) **Mr.P.Govintharaj, M.E.,** Assistant Professor, Department of Civil Engineering, Narasu's Sarathy Institute of Technology
Day 3: UNIT III (24.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Planning- Fire detection & suppression systems- Smoke venting- Lifts & Vertical Transportation- arrangement of lifts and Design for optimum service condition.	**Dr.D.Jegatheeshwaran, M.E., Ph.D.,** Professor, Department of Civil Engineering, Sona College of Engineering (Autonomous) **Mr.S.Lokesh, M.E.,** Assistant Professor, Department of Civil Engineering, Narasu's Sarathy Institute of Technology

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Day 4: UNIT IV (25.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Building Services as a system- Capacity of storage and sizing- control systems- intelligent building.	**Mr.S.Gunasekar, M.E., (Ph.D).,** Assistant Professor, Department of Civil Engineering K.S.Rangasamy College of Technology **Mr.G.Sathiyaraj, M.E.,** Assistant Professor, Department of Civil Engineering, Narasu's Sarathy Institute of Technology
Day 5: UNIT V (26.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Basic psychometrics- Air conditioning process & system- Methods of Air Conditioning- Definition- Role of building maintenance in construction process- Maintenance generators.	**Mr.S.Gunasekar, M.E., (Ph.D).,** Assistant Professor, Department of Civil Engineering K.S.Rangasamy College of Technology **Mr.G.Sathiyaraj, M.E.,** Assistant Professor, Department of Civil Engineering, Narasu's Sarathy Institute of Technology

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

To Civil HOD
19/4/21.

Off: 22357077 / 73
22357074
Fax / Dir : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR

15717
NARASU'S SARATHY INSTITUTE OF TECHNOLOGY
21.4.21
10, POOSARIPATTY,
SALEM - 636 305.
TN

Letter No:1223/AU/CVA/CAC/2021

19.04.2021

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub: A.U. - CAC – Affiliated Institutions – Value Added Courses – Reg.

Ref: (i) Mail received from the Principal, Narasu's Sarathy Institute of Technology, dated 15.04.2021
(ii) Letter received from the Principal, Narasu's Sarathy Institute of Technology dated. 15.04.2021.

******

With reference to the letter cited above, course code is allotted for the Value Added Course as mentioned below:

S. No	Code Allotted	Title	L T P C
1.	CVA031	Fire Protection, Services and Maintenance Management of Building	2 0 0 2

This is for your kind information and necessary action at your end.

Yours faithfully,

DIRECTOR 19/4/2021

19/4/21

Copy to:

1. The Chairperson, Faculty of Civil Engineering, Anna University, Chennai - 25.
2. The Principal, Narasu's Sarathy Institute of Technology, Poosaripatty, Salem-636305
3. The Stock File.

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
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of Technology
Poosaripatty, SALEM - 636 305.

ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: **MA** 3142089 **Folio No.** AUM3284810

NAME OF THE CANDIDATE	SUNDHARESH L					REGISTER NO.	611718103009
DATE OF BIRTH	10-MAY-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Civil Engineering						

SEM NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	CE8513	Survey Camp (2 Weeks During IV Semester)	2	A+	9	PASS
05	CE8511	Soil Mechanics Laboratory	2	A	8	PASS
05	CE8512	Water and Waste Water Analysis Laboratory	2	A+	9	PASS
06	CE8603	Irrigation Engineering	3	A+	9	PASS
06	HS8581	Professional Communication	1	O	10	PASS
06	CE8602	Structural Analysis II	3	A+	9	PASS
06	EN8592	Wastewater Engineering	3	A	8	PASS
06	CE8612	Irrigation and Environmental Engineering Drawing	2	A+	9	PASS
06	CE8604	Highway Engineering	3	A	8	PASS
06	CE8611	Highway Engineering Laboratory	2	B+	7	PASS
06	CE8005	Air Pollution and Control Engineering	3	B+	7	PASS
06	CE8601	Design of Steel Structural Elements	4	A	8	PASS
		Value Added Course(s)				
06	CVA031	Fire Protection, Services and Maintenance Management of Building	2	O	10	PASS

* * * End of Statement * * *

Attested

31.12.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					26	75				
Grade Point Average (GPA)					8.667	8.208				
Cumulative Credits Earned	147	Cumulative Grade Point Average (CGPA)				7.43	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

02-11-2021 SIGNATURE OF THE CANDIDATE CONTROLLER OF EXAMINATIONS

ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: **MA** 3142087 **Folio No.** AUM3533300

NAME OF THE CANDIDATE	POOVARASAN M					REGISTER NO.	611718103007
DATE OF BIRTH	31-MAY-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Civil Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	CE8513	Survey Camp (2 Weeks During IV Semester)	2	A+	9	PASS
05	CE8512	Water and Waste Water Analysis Laboratory	2	A+	9	PASS
05	CE8511	Soil Mechanics Laboratory	2	A+	9	PASS
06	CE8603	Irrigation Engineering	3	A	8	PASS
06	CE8612	Irrigation and Environmental Engineering Drawing	2	A+	9	PASS
06	CE8604	Highway Engineering	3	A+	9	PASS
06	CE8611	Highway Engineering Laboratory	2	A+	9	PASS
06	EN8592	Wastewater Engineering	3	A	8	PASS
06	CE8602	Structural Analysis II	3	A+	9	PASS
06	CE8005	Air Pollution and Control Engineering	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	CE8601	Design of Steel Structural Elements	4	A	8	PASS
		Value Added Course(s)				
06	CVA031	Fire Protection, Services and Maintenance Management of Building	2	O	10	PASS

* * * End of Statement * * *

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					27	76				
Grade Point Average (GPA)					9.000	8.333				
Cumulative Credits Earned	144	Cumulative Grade Point Average (CGPA)				7.48	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025
Date 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS i/c

ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: MA 3142083 Folio No. AUM3465870

NAME OF THE CANDIDATE	CHANDRAPRAKASH C					REGISTER NO.	611718103003
DATE OF BIRTH	25-APR-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Civil Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	CE8513	Survey Camp (2 Weeks During IV Semester)	2	O	10	PASS
05	CE8512	Water and Waste Water Analysis Laboratory	2	A+	9	PASS
05	CE8511	Soil Mechanics Laboratory	2	A	8	PASS
06	CE8603	Irrigation Engineering	3	A	8	PASS
06	CE8005	Air Pollution and Control Engineering	3	B+	7	PASS
06	EN8592	Wastewater Engineering	3	A	8	PASS
06	CE8612	Irrigation and Environmental Engineering Drawing	2	A+	9	PASS
06	CE8604	Highway Engineering	3	A	8	PASS
06	CE8611	Highway Engineering Laboratory	2	B+	7	PASS
06	CE8602	Structural Analysis II	3	A+	9	PASS
06	CE8601	Design of Steel Structural Elements	4	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
		Value Added Course(s)				
06	CVA031	Fire Protection, Services and Maintenance Management of Building	2	O	10	PASS

* * * End of Statement * * *

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					27	73				
Grade Point Average (GPA)					9.000	8.042				

Cumulative Credits Earned: 147 | Cumulative Grade Point Average (CGPA): 7.34 | Medium of Instruction : ENGLISH

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Date: 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS i/c

REQUISTION LETTER

Date: 21.04.2021

From

Mr.S.Lokesh
Coordinator,
Department of Civil Engineering,
Narasu's Sarathy Institute of Technology,
Poosaripatty,
Salem

To

The Principal,
Narasu'sSarathy Institute of Technology,
Poosaripatty,
Salem

Respected Sir,

Sub: Requisition for conducting AU-CAC-Value Added course -reg.,

For the Academic year 2021-2022 Even semester as per the recommendation of members, Department of Civil Engineering is planned to conduct Value Added course. So, kindly grant us permission to conduct Value Added course as per the schedule given below.

Name of the Program	Code/Title	Duration
Value Added course	CVA032/Microsoft Project Master Class outline	08.03.2021-12.03.2021

Thanking You

Yours Sincerely,

21/4/21

Encl: Approval copy from AU – CAC

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 306.

CIRCULAR

Date: 21.04.2021

The Department of Civil Engineering is planning to conduct certificate course on CVA032/Microsoft Project Masterclass Outline for the Academic year 2021-2022. The students are requested to utilize this opportunity and improve their knowledge &skills required by industries. It will be conducted during regular college hours through online mode. The third and final year students are requested to utilize the class session in this regard between 9:30 am to 4 pm. The Time duration of the course on 08.03.2021 - 12.03.2021.The Final year students collect the course schedule and guest details from coordinator Mr.S.Lokesh/AP/CIVIL.

To

The Department Notice Board

21/4/21

Copy to:

1. Chairman
2. Principal
3. IQAC

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu's Sarathy Institute of Technology, Salem

Department of Civil Engineering

Mark statement

CVA032/Microsoft Project Masterclass Outline

Date: 08.03.2021-12.03.2021

S.No	Register Number	Name	Year/ Dept.	Marks
1	611719103002	Divyabharathi.P	IV/CIVIL	96
2	611719103003	Malarvizhi.v	IV/CIVIL	95
3	611719103004	Naveenkumar.R	IV/CIVIL	82
4	611719103005	Praveenraj.G	IV/CIVIL	80
5	611719103006	Sabarimani.M	IV/CIVIL	92
6	611719103009	Vinoth.S	IV/CIVIL	79
7	611719103301	Arunkumar.P	IV/CIVIL	93
8	611719103302	Mohammed Akmal.A	IV/CIVIL	94
9	611719103303	Navith afsar.R	IV/CIVIL	84
10	611719103304	Soundharya.S	IV/CIVIL	88
11	611719103305	Tamilselvam.C.S	IV/CIVIL	84
12	611719103306	Vignesh.M.V	IV/CIVIL	76.

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in		Attendance For Certificate Course	
Document ID:	NSIT/CIVIL/2020-2021/CC-01	**Title:**	Microsoft Project Master class Outline
Programme:	BE	**Branch:**	CIVIL
Academic year:	2020-2021	**Date:**	08.03.2021

S.No	Register No	Students Name	08.03.2021		09.03.2021		10.03.2021		11.03.2021		12.03.2021	
			F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N
1	611719103002	Divyabharathi.P	/	/	AB	AB	/	/	/	/	/	/
2	611719103003	Malarvizhi.v	/	/	/	/	/	/	/	/	AB	AB
3	611719103004	Naveenkumar.R	/	/	/	/	/	/	/	/	/	/
4	611719103005	Praveenraj.G	/	/	AB	AB	/	/	/	/	/	/
5	611719103006	Sabarimani.M	/	/	AB	AB	/	/	/	/	/	/
6	611719103009	Vinoth.S	/	/	AB	AB	/	/	/	/	/	/
7	611719103301	Arunkumar.P	/	/	/	/	/	/	/	/	/	/
8	611719103302	Mohammed Akmal.A	/	/	/	/	/	/	/	/	/	/
9	611719103303	Navith afsar.R	/	/	/	/	AB	AB	/	/	/	/
10	611719103304	Soundharya.S	/	/	/	/	/	/	/	/	/	/
11	611719103305	Tamilselvam.C.S	/	/	/	/	AB	AB	/	/	/	/
12	611719103306	Vignesh.M.V	/	/	/	/	/	/	/	/	/	/

8/3/21

Co-ordinator & HoD

Principal

Attested

3/3/22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu's Sarathy Institute of Technology

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Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636 305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

REPORT

Date	08.03.2021-12.03.2021	**Resource Person**	Mr.S.Lokesh
Time	9:30 AM- 4 PM	**Title**	CVA032 / Microsoft Project Master class Outline
Venue	Online Mode	**No. of Participants**	12

We have arranged a value-added course **CVA032 / Microsoft Project Master class Outline** for Even semester, academic year 2020-21 as per the direction of department of academic advisory committee and center for academic courses. The total period of course is **30 hours.** Totally 12 students have enrolled for this course and participated during the course. Course was simple and easy to understand. The online session was indeed a great experience to all the participants. The **online** sessions were handled by Ms.Janani, Infinity PMC Solutions Pvt Ltd., Chennai.

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu'sSarathy Institute of Technology, Salem

Department of Civil Engineering

Feedback

CVA032/Microsoft Project Masterclass Outline

Date: 08.03.2021-12.03.2021

Instructions: Please indicate your level of agreement with the statements listed below in #1-11.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The objectives of the training were clearlydefined.	☑	☐	☐	☐	☐
2. Participation and interaction were encouraged.	☑	☐	☐	☐	☐
3. The topics covered were relevant tome.	☐	☑	☐	☐	☐
4. The content was organized and easyto follow.	☐	☑	☐	☐	☐
5. The materials distributed werehelpful.	☐	☑	☐	☐	☐
6. This training experience will be useful in mywork.	☑	☐	☐	☐	☐
7. The trainer was knowledgeableabout the trainingtopics.	☑	☐	☐	☐	☐
8. The trainer was wellprepared.	☑	☐	☐	☐	☐
9. The training objectives weremet.	☐	☑	☐	☐	☐
10. The time allotted for the trainingwas sufficient.	☐	☑	☐	☐	☐
11. The meeting room and facilities were adequate andcomfortable.	☑	☐	☐	☐	☐

V. Malarvizhi

Attended

3.3.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu's Sarathy Institute of Technology

Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Poosaripatty, Kadayampatti Taluk, Salem - 636 305, Tamil Nadu. India.

Phone: 04290 - 249661
04290 - 249662
Fax : 04290 - 249663
Mobile : 93449 72274
93449 72275
admin@nsit.edu.in

To

Date: 20.11.2020

The Centre for Academic Courses
Anna University, Guindy,
Chennai, Tamil Nadu – 600025.

Respected Sir,

Sub: Application For Conducting Value Added Courses_ Reg.

We Narasu's Sarathy Institute of Technology, Plan to conduct value added course on Microsoft project master class outline for our VI & VIII Semester Civil Engineering Students in the academic year 2020-2021 (Even Semester). Herewith we submitting the application form and Enclosures (1 to 5) for your kind knowledge. We request the center for academic courses for kindly acknowledge and give approval for conducting this course.

Thanking You,

NARASU'S SARATHY INSTITUTE OF ... 16, POOSARIPA... SALEM - 636 305.

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

Principal 20.11.2020

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

ANNEXURE - II

APPLICATION FOR CONDUCTING VALUE ADDED COURSES

1. **Name of the Department** : **Civil Engineering**
2. **UG programme** : **B.E- Civil Engineering**
3. **Details of the Value Added Courses:**
   a. Name of the Value Added Course : **Microsoft project masterclass outline**
   b. Type of Value Added Courses : ~~(Theory~~/ Lab/~~ Lab integrated Theory/others)~~
   c. Short Description : Enclosure 1 enclosed - YES / ~~NO~~
   d. Syllabus including Reference : Enclosure 2 enclosed - YES / ~~NO~~
4. **Target audience** : **VI &VIII Semester Students**
   Semester (indicate if more than one)
5. **Details of Faculty handling the course:**
   a. Name of the Faculty handling the Value Added course : Mr. S.Lokesh
   b. Details including designation and expertise Enclosure 3 enclosed - YES / ~~NO~~
   c. Contact details
      Email ID : lokeshselvam09@gmail.com
      Phone No : 9789146063
6. **Tentative Time Table** including dates of internal assessments : Enclosure 4 enclosed - YES / ~~NO~~
7. Number of students opting for the course : 20 (Tentative Count)
8. Department Consultative Committee - Minutes : Enclosure 5 enclosed - YES / ~~NO~~
9. Name and Designation of the Coordinator : Mr.S.Lokesh, Assistant Professor

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

20/11/2020

Head of the Department

HEAD OF THE DEPARTMENT
Department of Civil Engineering
Narasu's Sarathy Institute of Technology
Poosaipatty, SALEM - 636 305.

NARASU'S SARATHY INSTITUTE OF TECHNOLOGY
16, POOSARIPATTY
SALEM - 636 305.

Principal 20.11.2020

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Enclosure 1&2

Microsoft project masterclass outline

Modules

- Introduction
- Creating a Project Schedule
- Navigation and Setting the Options
- Creating Projects and Templates
- Defining Calendars
- Adding Tasks
- Organizing Tasks Using Outlining
- Formatting the Display
- Adding Task Dependencies
- Network Diagram View
- Constraints
- Filters
- Tables and Grouping Tasks
- View and Details
- Printing and Reports
- Tracking Progress
- Creating Resources and Costs
- Assigning Resources and Costs to Tasks
- Resource Optimization
- Updating Projects with Resources
- Project Options
- More Advanced Scheduling
- Tools and Techniques for Scheduling
- What is new in Microsoft Project?

TOTAL: 30 PERIODS

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Enclosure 3

DETAILS INCLUDING DESIGNATION AND EXPERTISE

1. Mrs.B.Janani, : **Microsoft project masterclass outline**
   B.E.Civil Engineering,
   Software Trainer,
   Infinity PMC solutions pvt. Ltd, chennai. : **Microsoft project masterclass outline**

2. Mr. S.Lokesh,
   B.E. Civil Engineering,
   Assistant professor,
   Narasu's Sarathy Institute of Technology, Salem.

Attested

31.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Enclosure 4

TENTATIVE TIME TABLE INCLUDING DATES OF INTERNAL ASSESSMENTS

S.No	Programme	Semester	Commencement of Practical Classes	Last Working Day	Commencement of Internal Assessment
1.	B.E Civil	VI &VIII	08.03.2021,09.03.2021, 10.03.2021,11.03.2021, 12.03.2021.	12.03.2021	08.03.2021

Date	Topic	Timing	Recourse Person
08.03.2021	➢ Introduction ➢ Creating a Project Schedule ➢ Navigation and Setting the Options ➢ Creating Projects and Templates ➢ Defining Calendars ➢ Adding Tasks	9.00 A.M to 12.30 P.M	Mrs.B.Janani, & Team
	Practical Session	1.00 P.M to 4.00 P.M	Mrs.B.Janani,& Mr.S.Lokesh
09.03.2021	➢ Organizing Tasks Using Outlining ➢ Formatting the Display ➢ Adding Task Dependencies ➢ Network Diagram View ➢ Constraints	9.00 A.M to 12.30 P.M	Mrs.B.Janani, & Team
	Practical Session	1.00 P.M to 4.00 P.M	Mrs.B.Janani,& Mr.S.Lokesh
10.03.2021	➢ Filters ➢ Tables and Grouping Tasks View and details ➢ Printing and Reports ➢ Tracking Progress ➢ Creating Resources and Costs	9.00 A.M to 12.30 P.M	Mrs.B.Janani, & Team
	Practical Session	1.00 P.M to 4.00 P.M	Mrs.B.Janani,& Mr.S.Lokesh
11.03.2021	➢ Assigning Resources and Costs to Tasks ➢ Resource Optimization ➢ Updating Projects with Resources ➢ Project Options	9.00 A.M to 12.30 P.M	Mrs.B.Janani, & Team
	Practical Session	1.00 P.M to 4.00 P.M	Mrs.B.Janani,& Mr.S.Lokesh
12.03.2021	➢ Project Options ➢ More Advanced Scheduling ➢ Tools and Techniques for Scheduling ➢ What is new in Microsoft Project?	9.00 A.M to 12.30 P.M	Mrs.B.Janani, & Team
	Practical Session	1.00 P.M to 4.00 P.M	Mrs.B.Janani,& Mr.S.Lokesh

Attested

31.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

TOTAL PERIOD: 30 HOURS

NARASU'S SARATHY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT MINUTES OF MEETING

Meeting Number: 2020-21 /EVEN SEM	**Date / Time :** 16.11.2020 /10:45 A.M
Chairperson: Head of the Department	**Venue:** HOD cabin

Minutes of Meeting:

1. Academic Planner for even semester 2020-2021 discussed
2. As per previous Semester Feedback from Students, they required Software exposure required for the Estimation and quantity surveying subject to meet out the industrial requirements in future.
3. Mr.S.Lokesh AP/Civil deputed for identifying expertise for organizing course
4. HOD and staff members' discussion, Microsoft Project Management course was finalized.
5. Mr.S.Lokesh AP/Civil deputed for planning Budget, student willingness, tentative time table and prepare course schedule.

G.S 16/11/20
Minutes of meeting inCharge

A. Parv 16/11/20
HOD

20.11.2020
PRINCIPAL

Attested

3.12.20

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in		Certificate Course	
Document ID:	**NSIT/CSE/2020-2021/CC-01**	**Document Name:**	**Requisition Letter**

03.02.2021

From

R.Sivaguru,
Certificate Course Coordinator,
Department of Computer Science and engineering & Information Technology,
Narasu's Sarathy Institute of Technology,
Poosaripatty,
Salem.

Permitted.

To

The Principal,
Narasu's Sarathy Institute of Technology,
Poosaripatty,
Salem.

3.2.21

Respected Sir,

Sub: Permission to conduct certificate course-reg.

Department of Computer Science and Engineering & Information Technology is planned to conduct certificate courses for the Academic Year 2020-2021 ODD Semester as per the recommendation of member. In this regard kindly accord permission to conduct certificate course as per the schedule given below.

Name of the Program	Title	Duration
Certificate Course	Block chain Technology and Its Essentials	18.02.2021-04.03.2021

Thanking You,

Yours Truly,

[R.SIVAGURU]

Narasu's Sarathy Institute of Technology
Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

		Certificate Course	
Document ID:	**NSIT/CSE/2020-2021/CC-01**	**Document Name:**	**Circular**

Date: 28.12.2021

Circular

The Department of Computer Science and Engineering & Information Technology planning to conduct certificate course on CC01/**BLOCK CHAIN TECHNOLOGY AND ITS ESSENTIALS** for the academic year 2020-2021.The students are requested to utilize this opportunity and improve their knowledge and skills required by industries. The time duration of the course is **18.02.2021-04.03.2021.** The student who is interested can enroll their names with course coordinator on before 04.01.2021

Co-Ordinator **HOD** **Principal**

28-12-21

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 306.

Copy to:

- Chairman/ Vice Chairman/Pro Chairman
- Principal
- Main Notice board / Library Notice board / Office
- IQAC

HOD/CSE

9.1.21

Off: 22357077 / 73
22357074
Fax / Dir : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR
Letter No.3317/AU/VA/CAC/FICE/2021

12567

NARASUS SARATHY INSTITUTE OF TECHNOLOGY
16, POOSARIPATTY, SALEM - 636 305, TN
9.1.21

4.01.2021

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub: A.U. - CAC - Affiliated Institutions - Value Added Courses - Reg.
Ref: (i) Letter received from the Principal, Narasu's Sarathy Institute of Technology, dated:14.12.2020
(ii) Mail received from the Professor, Narasu's Sarathy Institute of Technology, dated:28.12.2020.

******

With references to the letter cited, the following Value Added Courses offered by Narasu's Sarathy Institute of Technology, Affiliated Institutions is allotted the course code as detailed below.

SI. NO.	CODE ALLOTTED	TITLE	CREDITS			
			L	T	P	C
1.	IVA074	Blockchain Technology and its Essentials	0	0	2	1

This is for your kind information and necessary action at your end.

Yours faithfully,

DIRECTOR 4/1/2021

Copy to:

1. The Principal, Narasu's Sarathy Institute of Technology, Poosaripatty, Salem – 636 305.
2. The Chairperson, Faculty of Information and Communication Engineering, A.U., Chennai -25.
3. The Stock File.

AI

Blockchain Technology and its Essentials **0 0 2 1**

Course Objective (CO): Students will be able to train the following CO:

1. Understand how blockchain systems work, Design, build, and deploy smart contracts and distributed applications
2. Integrate ideas from blockchain technology into their own projects
3. The aspiring students can learn about the technological standpoint and develop a firm grasp on various Blockchain platforms and its working,
4. It will give the practical experience for real-world blockchain scenarios.

UNIT-1 **Blockchain** **6hrs**

Introduction: Overview of Blockchain, Public Ledgers, Bitcoin, Smart Contracts, Block in a Blockchain, Transactions, Distributed Consensus, Public vs Private Blockchain, Understanding Cryptocurrency to Blockchain, Permissioned Model of Blockchain, Overview of Security aspects of Blockchain, Basic Crypto Primitives: Cryptographic Hash Function, Properties of a hash function, Hash pointer and Merkle tree, Digital Signature, Public Key Cryptography, A basic cryptocurrency.

UNIT-2 **Distributed Consensus** **6hrs**

Understanding Blockchain with Cryptocurrency: Bitcoin and Blockchain: Creation of coins, Payments and double spending, Bitcoin Scripts, Bitcoin P2P Network, Transaction in Bitcoin Network, Block Mining, Block propagation and block relay. (PoW) – basic introduction, Hashcash PoW, Bitcoin PoW, Attacks on PoW and the monopoly problem, Proof of Stake, Proof of Burn and Proof of Elapsed Time, The life of a Bitcoin Miner, Mining Difficulty, Mining Pool.

UNIT-3 **Cryptocurrency Regulation** **6hrs**

Blockchain application development: Internet of Things, Medical Record Management System, Domain Name Service and future of Blockchain.

Practical: **12hrs**

1. Implementation of Naive Blockchain construction
2. Memory Hard algorithm- Hashcash implementation
3. Implementation of Direct Acyclic Graph- Play with Go-ethereum
4. Smart Contract Construction
5. Toy application using Blockchain, Mining puzzles

TOTAL: 30 PERIODS

26.12.2020

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Narasu's Sarathy Institute
of Technology
Poosaripatty, S[illegible] - 636 305

26/12/2020 26/12/20

Narasu's Sarathy Institute of Technology
Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course on Blockchain Technology and its Essentials

Year: III & IV **Time: 2.00PM to 4.00PM**

S.No	Date	Subject Content	Staff Name
1	18.02.2021	Introduction: Overview of Blockchain, Public Ledgers, Bitcoin, Smart Contracts, Block in a Blockchain	Dr.M.Rameshkumar, HOD/CSE
2	26.02.2021 27.02.2021	Transactions, Distributed Consensus, Public vs Private Blockchain, Understanding Cryptocurrency to Blockchain, Permissioned Model of Blockchain, Overview of Security aspects of Blockchain, Basic Crypto Primitives: Cryptographic Hash Function, Properties of a hash function, Hash pointer and Merkle tree, Digital Signature, Public Key Cryptography, A basic cryptocurrency.	Mr.I.Anbumuthu, AP/CSE
3	19.02.2021 20.02.2021	Understanding Blockchain with Cryptocurrency: Bitcoin and Blockchain: Creation of coins, Payments and double spending, Bitcoin Scripts, Bitcoin P2P Network	Mrs.G.V.Kanimozhi, AP/CSE
4	01.03.2021 02.03.2021	Transaction in Bitcoin Network, Block Mining, Block propagation and block relay. (PoW)	Mr.D.Jayaprakash, ASP/CSE
5	22.02.2021 23.02.2021	basic introduction, Hashcash PoW, Bitcoin PoW, Attacks on PoW and the monopoly problem, Proof of Stake, Proof of Burn and Proof of Elapsed Time, The life of a Bitcoin Miner, Mining Difficulty, Mining Pool	Mrs.S.M.C.Subashini, AP/CSE
6	24.02.2021 25.02.2021	Blockchain application development: Internet of Things, Medical Record Management System, Domain Name Service and future of Blockchain.	Mr.M.PrakashKumar, AP/CSE
7	03.03.2021 04.03.2021	Naive Blockchain construction, Memory Hard algorithm-Hashcash implementation, Direct Acyclic Graph- Play with Go-ethereum, Smart Contract Construction, Toy application using Blockchain, Mining puzzles	Mr.R.Slvaguru, AP/CSE

16/2/21
Course Incharge

16/02/2021
HOD/CSE

16.02.21
PRINCIPAL
Dr. V. MUNUSAMI, M.E., Ph.D.,
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Poosaripatty, SALEM - 636 305.

Value Added Course on Blockchain Technology and its Essentials

S.No	Subject Content	Staff Name	Signature
1	Introduction: Overview of Blockchain, Public Ledgers, Bitcoin, Smart Contracts, Block in a Blockchain	Dr.M.Rameshkumar, HOD/CSE (1hr)	
2	Transactions, Distributed Consensus, Public vs Private Blockchain, Understanding Cryptocurrency to Blockchain, Permissioned Model of Blockchain, Overview of Security aspects of Blockchain, Basic Crypto Primitives: Cryptographic Hash Function, Properties of a hash function, Hash pointer and Merkle tree, Digital Signature, Public Key Cryptography, A basic cryptocurrency.	Mr.I.Anbumuthu, AP/CSE (4hr)	
3	Understanding Blockchain with Cryptocurrency: Bitcoin and Blockchain: Creation of coins, Payments and double spending, Bitcoin Scripts, Bitcoin P2P Network	Mrs.G.V.Kanimozhi, AP/CSE (2hr)	8/2/2021
4	Transaction in Bitcoin Network, Block Mining, Block propagation and block relay. (PoW)	Mr.D.Jayaprakash, ASP/CSE (2hr)	
5	basic introduction, Hashcash PoW, Bitcoin PoW, Attacks on PoW and the monopoly problem, Proof of Stake, Proof of Burn and Proof of Elapsed Time, The life of a Bitcoin Miner, Mining Difficulty, Mining Pool	Mrs.S.M.C.Subashini, AP/CSE (2hr)	8/2/21
6	Blockchain application development: Internet of Things, Medical Record Management System, Domain Name Service and future of Blockchain.	Mr.M.PrakashKumar, AP/CSE (6 hr)	8/2/21
7	Naive Blockchain construction, Memory Hard algorithm-Hashcash implementation, Direct Acyclic Graph- Play with Go-ethereum, Smart Contract Construction, Toy application using Blockchain, Mining puzzles	Mr.R.Sivaguru, AP/CSE (6hr)	8/2/21

8/2/21
Course Incharge

08/02/2021
HOD/CSE

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FEEDBACK FORM

Name of the student: Logesh . S Course Title: Blockchain technology and itsessentia

Date 4/3/21 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[ ]	[✓]	[ ]	[ ]
Presented at the Right Level	[✓]	[ ]	[ ]	[ ]
Effective Activities	[✓]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[✓]	[ ]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[✓]	[ ]	[ ]	[ ]
Instructor Covered Material Clearly	[ ]	[✓]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[✓]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

Nil

Overall, how would you evaluate this Course training session?

Good

S. Logesh

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of Technology
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FEEDBACK FORM

Name of the student: Gokul.S Course Title: Block chain technology

Date 4/8/21 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[✓]	[ ]	[ ]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[✓]	[ ]	[ ]	[ ]
Effective Activities	[✓]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[✓]	[ ]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[ ]	[✓]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

Nil

Overall, how would you evaluate this Course training session?

Good

T. Gokul

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of Technology
Poosaripatty, SALEM - 636 309.

FEEDBACK FORM

Name of the student: m.karthi k Course Title: Block Chain technology

Date 21/3/21 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[✓]	[ ]	[ ]	[ ]
Effective Activities	[✓]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[ ]	[✓]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[ ]	[✓]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[✓]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

Nil

Overall, how would you evaluate this Course training session?

better.

M. karthik

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PRINCIPAL
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of Technology
Poosaripatty, SALEM - 636 306.

REQUISITION LETTER

03/02/2021

From

R.Sivaguru,
Certificate Course Coordinator,
Department of Computer science and Engineering & Information Technology,
Narasu's Sarathy Instituteof Technology,
Poosaripatty,
Salem.

To

The Principal,
Narasu's Sarathy Institute of Technology,
Poosaripatty,
Salem.

Permitted
03.02.21

Respected Sir,

Sub: Permission to conduct certificate course-reg.

Department of Computer Science and Engineering & Information Technology is planned to conduct certificate courses for the Academic Year 2020-21 EVEN Semester as per the recommendation of member. In this regard kindly accord permission to conduct certificate course as per the schedule given below

Name of the program	Title	Duration
Certificate Course	Computer Servicing and Troubleshooting	06.02.2021 – 10.03.2021

Thanking You,

Yours Truly,

03/02/21

[R.SIVAGURU]

Submitted to the Principal

M-C 3/2/21

Narasu's Sarathy Institute of Technology		CIRCULAR	
Document ID:	NSIT / CSE/ 2020-2021/ CC-01	Document Name:	Circular for Certificate Course
Programme:	BE/ B-TECH	Branch:	CSE & IT
Academic year:	2020-2021	Date:	03.02.2021

CIRCULAR

The Department of computer science and engineering & information technology planning to conduct certificate course on CC02/ COMPUTER SERVICING AND TROUBLESHOOTING for the Academic year 2020-2021. The students are requested to utilize this opportunity and improve their knowledge & skills required by industries. The Time duration of the course is 06.02.2021 – 10.03.2021. The students who are interested can enroll their names with course coordinator Mr.R.Sivaguru, AP/CSE on before 05.02.2021.

3/2/21

HOD / CSE

To
The Department Notice Board

Copy to:
1. Chairman/Vice Principal.
2. Principal.
3. IQAC

03.02.21

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PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 308.

NARASU'S SARATHY INSTITUTEOF TECHNOLOGY, SALEM

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING & INFORMATION TECHNOLOGY

LESSON PLAN

BRANCH NAME: CSE & IT
COURSE CODE & NAME: CC02 / Computer Servicing and Troubleshooting

DATE	AN (2.00 pm TO 5.00 pm)
06.02.2021	• Motherboard: definition, Components/connections in motherboard, functional block diagram • Central Processing Unit (CPU): CPU Speeds, Word Size, Data Path, Internal Cache memory, Slots and sockets, CISC vs RISC processor, CPU chips preprocessors(INTEL, CYRIX, AMD), Motherboard Types/Form Factors (AT, Baby AT, ATX, LPX, NLX, BTX) • Expansion Buses (Definition, Bus Architecture (PC/PC-XT, PC-AT/ISA, EISA, MCA, VESA Local (VL) Bus, PCI, Combination of Bus Systems, AGP – Accelerated Graphics Port, Universal Serial Bus (USB), IEEE 1394 Fire Wire-A Bus Standard
07.02.2021	• System Controller : Definition • Basic Input Output System :Services, Bios Interaction, CMOS-RAM • Chipsets : Definition, Advantage, North and South Bridge • System Memory : definition, memory sizes, speeds and shapes (DIP, ZIP, SIPP, SIMM, DIMM, RIMM), Memory modules (Dynamic RAM, SDRAM, DDR SDRAM, SLDRAM, DRDRAM, Fast Page Mode (FPM) DRAM, Extended Data Out(EDO) DRAM)
13.02.2021	• Disk Basics • Hard Disk Interfaces: EIDE, Serial ATA, SCSI, USB and IEEE 1394 (Firewire), RAID, Solid State Drive (laptop) • Disk Geometry : Heads, Tracks, Sectors, Cylinders, Cluster, Landing zone, MBR, Zone bit recording • Disk performance Characteristics: Seeks and Latency, Data Transfer Rate
14.02.2021	• Hard Disk Controller: Functional Blocks, HDC Functions • DVD Drives : Types, Recording, Construction, Interfacing, CAV versus CLV • DVD Drive Performance Criteria : Data Transfer Rate, Access time, Cache/buffer • Blu-ray disk specification
20.02.2021	• Keyboard : Keyboard operation, Keyboard Types , Types of Key switches (Membrane, mechanical, rubber dome, capacitive) • Keyboard interfaces • Mouse : Types, Operation, Interfaces • Scanner : Scanner Types, Image quality measurement, Working with Scanner in windows

21.02.2021	• Types of Printers • Printer Interfaces • Ink-jet Printer : Parts, working principle • LaserJet Printer : Parts, working principle
27.02.2021	• Video Basics • VGA monitors • Display controllers: Creating Image on the Screen, Character Graphics Display, Memory mapped Display
28.02.2021	• Digital Display Technology- Thin Displays, Liquid Crystal Displays, Plasma Displays, Light Emitting Displays • Graphics Cards : Components of a card, Accelerated Video cards, CGA, EGA, VGA
06.03.2021	• POST : Functions, IPL Hardware, Test Sequence, Error messages
07.03.2021	• Troubleshooting : possible problems and diagnosis Motherboard Keyboard Hard Disk Drive Printer

TOTAL HOURS: 30 Hrs

03/02/21

COURSE INCHARGE

3/2/21

HOD/CSE

PRINCIPAL

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Document ID:	**NSIT/CSE/2020-2021/CC-01**	**Document Name:**	**TIME TABLE**

Date: 03.02.2021

Dates	AN (1.30-3..15PM)	AN (3.30-4.30PM)
06.02.2021	Motherboard,CPU **(Mr.I.AnbumuthuAP/CSE)**	Expansion buses **(Dr.M.RameshKumar HOD/CSE)**
07.02.2021	System Controller,Basic Input and Ouput System,Chipsets **(Mrs.G.V.Kanimozhi AP/CSE)**	System Memory **(Mr.D.Jayaprakash ASP/CSE)**
13.02.2021	Disk Basics,Harddisk Interfaces **(Mrs.S.M.C.Subhashini AP/CSE)**	Disk Geometry, Disk Performance Characteristics **(Dr.M.Rameshkumar HOD/CSE)**
14.02.2021	Hard Disk Controller,DVD Drives **(Mr.M.Prakashkumar AP/CSE)**	DVD Drive Performance Criteria, Blu-Ray Disk Specification **(Mr.R.Sivaguru AP/CSE)**
20.02.2021	Keyboard,Keyboard Interfaces **(Mr.I.AnbumuthuAP/CSE)**	Mouse,Scanner **(Mrs.G.V.Kanimozhi AP/CSE)**
21.02.2021	Types of Printers,Printer Interface **(Mrs.S.M.C.Subhashini AP/CSE)**	Inkjet printer,Laserjet Printer **(Mr.D.Jayaprakash ASP/CSE)**
27.02.2021	Video Basics,VGA Monitors **(Mr.R.Sivaguru AP/CSE)**	Display Controllers **(Mr.M.Prakashkumar AP/CSE)**
28.02.2021	Digital Display Technology **(Mr.I.AnbumuthuAP/CSE)**	Graphics Cards **(Mrs.S.M.C.Subhashini AP/CSE)**
06.03.2021	POST:Functions,IPL Hardware **(Dr.M.Rameshkumar HOD/CSE)**	Test Sequence, Error Messages **(Mrs.S.M.C.Subhashini AP/CSE)**
07.03.2021	TroubleShooting(Motherboard, Keyboard) **(Mr.D.Jayaprakash ASP/CSE)**	TroubleShooting(Hard disk drive, Printer) **(Dr.M.RameshKumar HOD/CSE)**
08.03.2021	TEST	

Co-ordinator **HoD** **Principal**

3.2.21

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Narasu's Sarathy Institute of Technology	Attendance	
Document ID:	NSIT/CSE/2020-2021/CC-02	Document Name:	Attendance for Certificate course
Programme:	BE	Branch:	CSE
Academic year:	2020-2021	Date:	08.03.2021

Computer Servicing and Trouble Shooting

S.No	Register no	Students name	06.02.2021	07.02.2021	13.02.2021	14.03.2021	20.02.2021	21.02.2021	27.02.2021	06.03.2021	07.03.2021
1	611719104006	K.GOPINATH	/	/	/	/	/	/	/	/	/
2	611719104007	M.HARISHKUMAR	/	/	/	/	/	/	/	/	/
3	611719104008	R.KARTHIKEYAN	/	/	/	/	/	/	/	/	/
4	611719104009	M.KEERTHI PRAKASH	/	/	/	/	/	/	/	/	/
5	611719104015	A.MEENA	a	/	/	/	/	/	/	/	/
6	611719104016	A.MOHAMMED HUSSAIN	/	/	/	/	/	/	/	/	/
7	611719104025	K.PURUSOTHAMAN	/	a	/	/	/	/	/	/	/
8	611719104026	T.RAMANADEVI	/	/	/	/	/	/	/	/	/
9	611719104027	M.K.RAVI BHARATHI	/	/	/	a	/	/	/	/	/
10	611719104039	S.SURYA	/	/	a	/	/	/	/	/	/
11	611719104040	K.VASANTH	/	/	/	/	/	/	/	/	/
12	611719104041	M.VASANTH KUMAR	/	/	/	/	/	a	/	/	/
13	611719104042	M.VENKATESH	/	/	/	/	/	/	/	/	/
14	611719104043	A.VICHITRA	/	/	/	/	/	/	/	/	/
15	611719104044	S.VIGNESHWARAN	/	/	a	/	/	/	/	/	/
16	611719104301	A.RAJKUMARAN	/	/	/	/	/	/	/	/	/
17	611719205002	K.ARAVINTH	/	/	/	/	/	/	/	/	a
18	611719205003	ARSHAT YUSUFKHAN	/	/	/	/	/	a	/	/	/
19	611719205010	S.SATHISH	/	/	/	/	a	/	/	/	/
20	611719205011	S.SUDHARSAN	/	/	/	/	/	/	/	/	/
21	611719205301	S.SURESH	/	/	/	/	/	/	/	/	/
22	611718104006	A.ASHWINI	/	/	/	/	/	/	/	/	/
23	611718104014	M.HARIHARAN	/	/	/	/	/	/	/	/	/
24	611718104016	N.HARSHAA	/	/	/	/	/	/	/	/	/
25	611718104024	K.KARUNAKARAN	/	/	/	/	/	/	/	/	/
26	611718104025	S.KAVIMATHI	/	/	/	/	/	/	/	/	/

27	611718104034	R.MONISHA	/	/	/	/	/	/	/	/	/	
28	611718104035	A.NANDHINI	/	/	/	/	/	/	/	/	/	
29	611718205009	R.MANOJKUMAR	/	/	a	/	/	/	/	/	/	
30	611718205015	S.SHARMILA	/	/	/	a	/	/	/	/	/	
31	611718205016	D.SURYAPRAKASH	/	/	/	/	/	/	/	/	/	
32	611718205019	J.A.VIGNESH	/	/	/	/	/	/	/	/	/	

Co-Ordinator

HOD

Principal

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Narasu's Sarathy Institute of Technology		Question Paper	
Document ID:	2020-2021/ODD/NSIT/CSE/CC 01	Document Name:	Question Paper for Certificate course
Programme:	BE	Branch:	CSE
Time Duration:	1 Hour	Marks:	50
Academic year:	2020-2021	Date:	08.03.2021

Answer all the Questions

1. What is the most likely cause of a windows Error (Blue screen of Death) on a typical home Computer?
2. What are two computer problems easily diagnosed just by listening to your computer?
3. Is it possible to convert a Simple Hard disk into a Dynamic hard disk? Then how will we convert it?
4. What to Do If There Are Problems after the Installation of New Software?
5. How do you troubleshoot an issue?
6. What is the name of the system built into most hard drives which predict how long until they will fail?
7. If you can't see the display of your system, what could be the issue?
8. What are the different types of firewalls?
9. I have Windows 10 and I get a blank screen but I can see the cursor. This happens every time before I log in and after I update. What should I do?
10. What is the difference between Desktop or Client OS and Server OS?

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FEEDBACK FORM

Name of the student: A. Meena Course Title: Computer Servicing and Trouble shooting

Date 07/3/2021 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[✓]	[ ]	[ ]	[ ]
Well Organized	[ ]	[✓]	[ ]	[ ]
Presented at the Right Level	[ ]	[ ]	[✓]	[ ]
Effective Activities	[ ]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[ ]	[✓]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[ ]	[ ]	[✓]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

No Suggestions

Overall, how would you evaluate this Course training session?

Excellent	Good	Fair	Poor
[ ]	[✓]	[ ]	[ ]

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FEEDBACK FORM

Name of the student: K. Aravindh Course Title: Computer Servicing and Troubleshooting

Date 7/3/2021 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[ ]	[ ]	[✓]	[ ]
Effective Activities	[✓]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[ ]	[✓]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[ ]	[✓]	[ ]
Instructor Covered Material Clearly	[ ]	[✓]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[ ]	[✓]	[ ]

How could this course training be improved?

Any other comments or suggestions?

All is better

Overall, how would you evaluate this Course training session?

Good

K. Aravindh

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of Technology
Poosaripatty, SALEM - 636 309

FEEDBACK FORM

Name of the student: R. Manisha Course Title: Computer Servicing and Troubleshooting

Date 07/3/2021 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[ ]	[ ]	[✓]	[ ]
Presented at the Right Level	[ ]	[✓]	[ ]	[ ]
Effective Activities	[ ]	[✓]	[ ]	[ ]
Useful Visual Aids and Handouts	[ ]	[ ]	[✓]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[✓]	[ ]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

No

Overall, how would you evaluate this Course training session?

fine

Dr. V. MUNUSAMI, M.E., Ph.D.
PRINCIPAL
Narasu's Sarathy Institute
of Technology

Narasu's Sarathy Institute of Technology		Mark Statement	
Document ID:	NSIT/CSE/2020-2021/CC-01	Document Name:	Mark Statement for Certificate Course
Programme:	BE	Branch:	CSE
Academic year:	2020-2021	Date:	09.03.2021

S.NO	Register no	Students name	Marks
1	611719104006	K.GOPINATH	10
2	611719104007	M.HARISHKUMAR	10
3	611719104008	R.KARTHIKEYAN	8
4	611719104009	M.KEERTHI PRAKASH	6
5	611719104015	A.MEENA	9
6	611719104016	A.MOHAMMED HUSSAIN	8
7	611719104025	K.PURUSOTHAMAN	7
8	611719104026	T.RAMANADEVI	10
9	611719104027	M.K.RAVI BHARATHI	9
10	611719104039	S.SURYA	8
11	611719104040	K.VASANTH	8
12	611719104041	M.VASANTH KUMAR	10
13	611719104042	M.VENKATESH	8
14	611719104043	A.VICHITRA	6
15	611719104044	S.VIGNESHWARAN	9
16	611719104301	A.RAJKUMARAN	8
17	611719205002	K.ARAVINTH	7
18	611719205003	ARSHAT YUSUFKHAN	10
19	611719205010	S.SATHISH	9
20	611719205011	S.SUDHARSAN	8
21	611719205301	S.SURESH	8
22	611718104006	A.ASHWINI	9
23	611718104014	M.HARIHARAN	10
24	611718104016	N.HARSHAA	7
25	611718104024	K.KARUNAKARAN	7
26	611718104025	S.KAVIMATHI	8
27	611718104034	R.MONISHA	9
28	611718104035	A.NANDHINI	8
29	611718205009	R.MANOJKUMAR	9
30	611718205015	S.SHARMILA	10
31	611718205016	D.SURYAPRAKASH	10
32	611718205019	J.A.VIGNESH	8

Co-Ordinator

HOD

Principal

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PRINCIPAL
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Poosaripatty, SALEM - 636 309.

Narasu's Sarathy Institute of Technology

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Certificate of Participation

This is to certify that Mr. /Ms./ Mrs./ Dr. K. ARAVINDH,

From Narasu's Sarathy Insititute of Technology has participated in Certificate course on "COMPUTER SERVICING AND TROUBLESHOOTING" Organized by Department of Computer Science and Engineering & Information Technology on 06.02.2021 - 10.03.2021.

10/03/21
Course Co-ordinator

10/03/21
HOD / CSE

Principal

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Certificate of Participation

This is to certify that Mr. /Ms./ Mrs./ Dr. S. SRIMATHI,

From Narasu's Sarathy Insititute of Technology has participated in Certificate course on "COMPUTER SERVICING AND TROUBLESHOOTING" Organized by Department of Computer Science and Engineering & Information Technology on 06.02.2021 - 10.03.2021.

Course Co-ordinator

HOD / CSE

Principal

REQUISITION LETTER

04/08/2020

From

R.Sivaguru,
Certificate Course Coordinator,
Department of Computer science and Engineering & Information Technology,
Narasu's Sarathy Instituteof Technology,
Poosaripatty,
Salem.

permitted

To

The Principal,
Narasu's Sarathy Institute of Technology,
Poosaripatty,
Salem.

4.8.2020

Respected Sir,

Sub: Permission to conduct certificate course-reg.

Department of Computer Science and Engineering & Information Technology is planned to conduct certificate courses for the Academic Year 2020-21 ODD Semester as per the recommendation of member. In this regard kindly accord permission to conduct certificate course as per the schedule given below

Name of the program	Title	Duration
Certificate Course	Digital Marketing	12.08.2020 – 23.08.2020

Thanking You,

Yours Truly,

[R. SIVAGURU]

Submitted to the Principal

04/08/20

Narasu's Sarathy Institute of Technology Approved by AICTE & Affiliated to Anna University		CIRCULAR	
Document ID:	NSIT / CSE/ 2020-2021/ CC-01	Document Name:	Circular for Certificate Course
Programme:	BE/ B-TECH	Branch:	CSE & IT
Academic year:	2020-2021	Date:	04.08.2020

CIRCULAR

The Department of computer science and engineering & information technology planning to conduct certificate course on CC01/DIGITAL MARKETING for the Academic year 2020-2021. The students are requested to utilize this opportunity and improve their knowledge & skills required by industries. The Time duration of the course is 12.08.2020 - 23.08.2020. The students who are interested can enroll their names with course coordinator Mr.R.Sivaguru, AP/CSE on before 10.08.2020.

04/08/20

HOD / CSE

To
The Department Notice Board

Copy to:
1. Chairman/Vice Principal.
2. Principal.
3. IQAC

04.08.20

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Poosaripatty, SALEM - 636 305.

NARASU'S SARATHY INSTITUTEOF TECHNOLOGY, SALEM

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING & INFORMATION TECHNOLOGY

LESSON PLAN

BRANCH NAME: CSE & IT
COURSE CODE & NAME: CC01 / DIGITAL MARKETNG

DATE	AN (2.00 pm TO 5.00 pm)
12.08.2020	Overview of Digital Marketing and Analytics • Introduction to Digital Marketing and Marketing Management Concepts • Developing digital marketing plan for offline and online firms, PR and Branding • The Downside to Traditional Marketing • Benefits of Digital Marketing • How We Use Both Digital & Traditional Marketing • Customer engagement and Customer Journey in Virtual world
13.08.2020	Social Media Marketing • Social Media Marketing • Social Media Marketing Strategy • Facebook and Instagram Marketing • Practical Exercise on Developing FB Pages and Effectively Managing the Page • Facebook Ads and Twitter Profile Management • Linkedin for Business and Managing Presence on Linkedin • Virtual Community Management • Youtube Videos and Facebook Groups
14.08.2020	Google AdWords & Online Display Advertising • Google AdWords • Online Display and Search Advertising
16.08.2020	Content Marketing • Developing Effective Content • Content Tools
17.08.2020	Search Engine Optimization • Understand Search Engines & Google • On-Page SEO • Off-Page SEO
18.08.2020	Search Engine Essentials • Search Engine Algorithms • Local SEO & SEO Project Essentials • Search Engine Marketing and Keyword planning (SEM)
19.08.2020	Mobile Marketing • Mobile Marketing • App Based Marketing & App Store Optimization • App Stores- Google Play, iTunes App Store • App Based Marketing • App Store Optimization and its Importance • App Analytics Tools & Mobile Marketing

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20.08.2020	**Knowing Your Customer** • Recommendation System • Marketing Basket Analysis • Collaborative Filtering
21.08.2020	**Web and Social Media Analytics** • Text Data Analytics • Network Data Analytics • Managing Twitter Data
23.08.2020	**Introduction to Python in Marketing** • Basics of Python Programming • Operators and Expressions • Decision Statements • Loop Control Statements • Functions & Python Packages • Working with Files • Object Oriented Concepts

TOTAL HOURS: 30 Hrs

COURSE INCHARGE

HOD/CSE

Dr. V. [illegible] M.E., Ph.D.,
[illegible]
Karasu's Sai[illegible]
of Techno[illegible]
Poosaripatty, [illegible]

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Document ID:	**NSIT/CSE/2020-2021/CC-01**	**Document Name:**	**TIME TABLE**

Dates	AN (1.30-3..15PM)	AN (3.30-4.30PM)
12.08.2020	Overview of Digital marketing and analytics **(Mr.I.AnbumuthuAP/CSE)**	Overview of Digital marketing and analytics **(Dr.M.RameshKumar HOD/CSE)**
13.08.2020	Social media marketing **(Mrs.G.V.Kanimozhi AP/CSE)**	Social media marketing **(Mr.D.Jayaprakash ASP/CSE)**
14.08.2020	Google Ad words & Online Display advertising **(Mrs.S.M.C.Subhashini AP/CSE)**	Google Ad words & Online Display advertising **(Dr.M.Rameshkumar HOD/CSE)**
16.08.2020	Content Marketing **(Mr.M.Prakashkumar AP/CSE)**	Content Marketing **(Mr.R.Sivaguru AP/CSE)**
17.08.2020	Search Engine Optimization **(Mr.I.Anbumuthu AP/CSE)**	Search Engine Optimization **(Mrs.G.V.Kanimozhi AP/CSE)**
18.08.2020	Search Engine Essentials **(Mrs.S.M.C.Subhashini AP/CSE)**	Search Engine Essentials **(Mr.D.Jayaprakash ASP/CSE)**
19.08.2020	Mobile Marketing **(Mr.R.Sivaguru AP/CSE)**	Mobile Marketing **(Mr.M.Prakashkumar AP/CSE)**
20.08.2020	Marketing basket Analysis **(Mr.I.AnbumuthuAP/CSE)**	Knowing your customer **(Mrs.S.M.C.Subhashini AP/CSE)**
21.08.2020	Web and Social media Analytics **(Dr.M.Rameshkumar HOD/CSE)**	Web and Social media Analytics **(Mrs.S.M.C.Subhashini AP/CSE)**
23.08.2020	Introduction to Python in Marketing **(Mr.D.Jayaprakash ASP/CSE)**	Introduction to Python in Marketing **(Dr.M.RameshKumar HOD/CSE)**
24.08.2020	TEST	

Co-ordinator

HoD

Principal

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admin@nsit.edu.in,www.nsit.edu.in

Question Paper

Document ID:	2020-2021/ODD/NSIT/CSE/CC 01	Document Name:	Question Paper for Certificate course
Programme:	BE	Branch:	CSE
Time Duration:	1 Hour	Marks:	50
Academic year:	2020-2021	Date:	17.09.2020

Answer all the Questions

1. How can you categorize Digital marketing?
2. Explain Digital marketing?
3. What are the different types of Digital Marketing?
4. What are the most effective ways to increase traffic to your website?
5. Explain keywords in Digital marketing? How important is it for SEO?
6. What are the key areas where you can use keywords to optimize your site ranking?
7. What are the different types of SEO?
8. Name some useful Digital Marketing tools.
9. What is the limit for the characters in Ad words Ads?
10. What are the limitations of Online Marketing?

17.09.2020
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Document ID:	NSIT/CSE/2020-2021/CC-01	Document Name:	Attendance for Ceertificate course
Programme:	BE	Branch:	CSE
Academic year:	2020-2021	Date:	03.02.2021

S. NO	Register no	Students name	12.08.2020	13.08.2020	14.08.2020	16.08.2020	17.08.2020	18.08.2020	19.08.2020	20.08.2020	21.08.2020	23.08.2020
1	611719104001	ANIL KUMAR.J	/	/	/	/	/	/	/	/	/	/
2	611719104002	ARAVIND KUMAR.S	/	/	/	/	/	/	/	/	/	/
3	611719104003	ARCHANA.M	/	/	/	/	/	/	/	/	/	/
4	611719104004	DHIVYA.K	/	/	/	/	/	/	/	/	/	a
5	611719104006	GOPINATH.K	/	/	/	/	/	/	/	/	/	/
6	611719104007	HARISH KUMAR.M	/	/	/	/	/	/	/	/	/	/
7	611719104008	KARTHIKEYAN.R	a	/	/	/	/	/	/	/	/	/
8	611719104009	KEERTHI PRAKASH.M	/	/	/	/	/	/	/	/	/	/
9	611719104010	KESAVABHARATHI.P	/	/	a	/	/	/	/	/	/	/
10	611719104011	MADHAVAN.C.S	/	/	/	/	/	/	/	/	/	/
11	611719104012	MAIDEESHWARAN.M	/	/	/	/	a	/	/	/	/	/
12	611719104013	MANIKANDAN.M	/	/	/	/	/	/	/	a	/	/
13	611719104014	MANIKANDAN.R	/	/	/	/	/	/	/	/	/	/
14	611719104015	MEENA.A	/	/	/	/	/	/	/	/	/	/
15	611719104016	MOHAMMED HUSSAIN.A	/	/	/	/	/	/	/	/	/	/
16	611719104017	MUKESH.C	/	/	/	/	/	/	/	/	/	a
17	611719104018	MURALIKRISHNAN.T	/	/	/	/	/	a	/	/	/	/
18	611719104019	NAVEEN KUMAR.M	/	a	/	/	/	/	/	/	/	/
19	611719104020	NITHI.G.D.	/	/	/	/	/	/	a	/	/	/
20	611719104023	PERIYANNAN.P	/	/	/	/	/	/	/	/	/	/
21	611719104025	PURUSOTHAMAN.K	/	/	/	/	/	/	/	/	/	/
22	611719104027	RAVI BHARATHI.M.K	/	/	/	/	/	/	/	/	/	/
23	611719104029	SABARESH.M	/	/	/	/	/	/	/	/	/	/
24	611719104031	SASIPRIYA.V	/	/	/	/	/	/	/	/	/	/
25	611719104032	SATHISH.K	/	/	/	/	/	/	/	/	a	/

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26	611719104034	SILAMBARASAN.R	/	/	/	/	/	a	/	/	/	/
27	611719104035	SRIMATHI.S	/	/	/	/	/	/	/	/	/	/
28	611719104037	SUHASH.K	/	/	/	/	/	/	/	/	/	/
29	611719104039	SURYA.S	a	/	/	/	/	/	/	/	/	/
30	611719104040	VASANTH.K	/	/	/	a	/	/	/	/	/	/
31	611719104041	VASANTH KUMAR.M	/	/	/	/	/	/	a	/	/	/
32	611719104042	VENKATESH.M	/	/	/	/	/	/	/	/	a	/
33	611719104043	VICHITRA.A	/	/	/	/	/	/	/	/	/	/

Co-Ordinator

HOD

Principal

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Document ID:	NSIT/CSE/2020-2021/CC-01	Document Name:	Mark Statement for Certificate Course
Programme:	BE	Branch:	CSE
Academic year:	2020-2021	Date:	03.02.2021

S.NO	Register no	Students name	Marks
1	611719104001	ANIL KUMAR.J	8
2	611719104002	ARAVIND KUMAR.S	9
3	611719104003	ARCHANA.M	10
4	611719104004	DHIVYA.K	9
5	611719104006	GOPINATH.K	8
6	611719104007	HARISH KUMAR.M	10
7	611719104008	KARTHIKEYAN.R	9
8	611719104009	KEERTHI PRAKASH.M	7
9	611719104010	KESAVABHARATHI.P	8
10	611719104011	MADHAVAN.C.S	9
11	611719104012	MAIDEESHWARAN.M	10
12	611719104013	MANIKANDAN.M	10
13	611719104014	MANIKANDAN.R	8
14	611719104015	MEENA.A	6
15	611719104016	MOHAMMED HUSSAIN.A	9
16	611719104017	MUKESH.C	8
17	611719104018	MURALIKRISHNAN.T	7
18	611719104019	NAVEEN KUMAR.M	10
19	611719104020	NITHI.G.D.	9
20	611719104023	PERIYANNAN.P	8
21	611719104025	PURUSOTHAMAN.K	8
22	611719104027	RAVI BHARATHI.M.K	9
23	611719104029	SABARESH.M	10
24	611719104031	SASIPRIYA.V	9
25	611719104032	SATHISH.K	8
26	611719104034	SILAMBARASAN.R	10
27	611719104035	SRIMATHI.S	9
28	611719104037	SUHASH.K	9
29	611719104039	SURYA.S	10
30	611719104040	VASANTH.K	8
31	611719104041	VASANTH KUMAR.M	7
32	611719104042	VENKATESH.M	9

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34	611719104043	VICHITRA.A	9
35	611719104044	VIGNESHWARAN.S	10
36	611719104301	RAJKUMARAN A	8
37	611718104037	B.NISHANTH	9
38	611718104038	T.PAVITHRA	10
39	611718104043	S.RAMYA	10
40	611718104045	M.REENADEVI	10
41	611718104046	A.SAKTHIVEL	8
42	611718104051	B.SARAVANAKUMAR	9
43	611718104066	K.VAISHNAVIDEVI	10
44	611718104069	M.R.VENKATESH	7
45	611718104070	M.VIGNESH	8
46	611718205004	R.DINESH	8
47	611718104067	S.VALLARASU	9

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FEEDBACK FORM

Name of the student: C. Mukesh Course Title: Digital Marketing

Date 23.08.2020 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[ ]	[✓]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[✓]	[ ]	[ ]	[ ]
Effective Activities	[ ]	[✓]	[ ]	[ ]
Useful Visual Aids and Handouts	[✓]	[ ]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[✓]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

NO

Overall, how would you evaluate this Course training session?

Good

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FEEDBACK FORM

Name of the student: M.Archana Course Title: Digital Marketing

Date 23.08.2020 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[ ]	[ ]	[✓]	[ ]
Presented at the Right Level	[✓]	[ ]	[ ]	[ ]
Effective Activities	[ ]	[✓]	[ ]	[ ]
Useful Visual Aids and Handouts	[✓]	[ ]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

Good no Suggestion

Overall, how would you evaluate this Course training session?

Good

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FEEDBACK FORM

Name of the student: S. Ramya Course Title: Digital Marketing

Date 23.08.2020 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[ ]	[✓]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[ ]	[✓]	[ ]
Well Organized	[ ]	[✓]	[ ]	[ ]
Presented at the Right Level	[✓]	[ ]	[ ]	[ ]
Effective Activities	[ ]	[✓]	[ ]	[ ]
Useful Visual Aids and Handouts	[ ]	[ ]	[✓]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[ ]	[✓]	[ ]	[ ]
Instructor's Presentation Style	[✓]	[ ]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[✓]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

NIL

Overall, how would you evaluate this Course training session?

better

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admin@nsit.edu.in,www.nsit.edu.in

Certificate of Participation

This is to certify that Mr. /Ms./ Mrs./ Dr. SILAMBARASAN.R,

From Narasu's Sarathy Insititute of Technology has participated in Certificate course on

"DIGITAL MARKETING" Organized by Department of Computer Science and Engineering & Information Technology on 12.08.2020 - 23.08.2020.

Course Co-ordinator

HOD / CSE

Principal

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Certificate of Participation

This is to certify that Mr. /Ms./ Mrs./ Dr. SANJAY.M ,

From Narasu's Sarathy Insititute of Technology has participated in Certificate course on

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Information Technology on 12.08.2020 - 23.08.2020.

Course Co-ordinator

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admin@nsit.edu.in,www.nsit.edu.in

Certificate of Participation

This is to certify that Mr. /Ms./ Mrs./ Dr. DHIVYA.K,

From Narasu's Sarathy Insititute of Technology has participated in Certificate course on "DIGITAL MARKETING" Organized by Department of Computer Science and Engineering & Information Technology on 12.08.2020 - 23.08.2020.

Course Co-ordinator

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admin@nsit.edu.in,www.nsit.edu.in

Certificate of Participation

This is to certify that Mr. /Ms./ Mrs./ Dr. _____,

From Narasu's Sarathy Insititute of Technology has participated in Certificate course on

"DIGITAL MARKETING" Organized by Department of Computer Science and Engineering & Information Technology on 12.08.2020 - 23.08.2020.

Course Co-ordinator	HOD / CSE	Principal

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in		Certificate Course	
Document ID:	**2020-21/EVEN/NSIT/ECE/CC/002**	**Document Name:**	**Circular**

Date: 05.03.2021

Circular

The Department of Electronics and Communication Engineering has planned to conduct online certificate course for Ten days from **08.03.2021 to 13.03.2021** for all ECE students on "**ADVANCED ARDUINO PROGRAMMING AND ITS APPLICATION**" . The duration of the course is **30 hours**. The students those who are willing can attend the Course students from other department can also attend the course if it is relevant to them. The students are instructed to utilize the opportunity and build their knowledge. The concerned CC's (Second Year ,Third Year and Final year) are requested to encourage the students for maximum participants.

Venue: Online mode

Co-ordinator	**HoD**	**Principal**
S.Sivaprakasam	Dr.M.Poonguzhali	Dr. V. Munusami

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

Copy to:

- Chairman/ Vice Chairman/Pro Chairman
- All Department HOD's
- All Class Advisors (ECE)
- Main Notice board / Library Notice board / Office
- IQAC

ANNEXURE - II

APPLICATION FOR CONDUCTING VALUE ADDED COURSES

1. **Name of the Department** : Electronics and Communication Engineering,
2. **UG programme** :**B.E-** Electronics and Communication Engineering
3. **Details of the Value Added Courses:**

   Name of the Value Added Course : **Advanced Arduino Programming and Its Application**

   a. Type of Value Added Courses : (~~Theory~~/ ~~Lab~~/-Lab integrated Theory~~/others~~)
   b. Short Description : Enclosure 1 enclosed - YES / ~~NO~~
   c. Syllabus including Reference : Enclosure 2 enclosed - YES / ~~NO~~
4. **Target audience** : **VI &VIII Semester Students**
   Semester (indicate if more than one)
5. **Details of Faculty handling the course:**
   a. Name of the Faculty handling the Value Added course : **Mr.S.Sivaprakasam, M.E.,**
   b. Details including designation and expertise Enclosure 3 enclosed - YES / ~~NO~~
   c. Contact details
      Email ID : sivame7@gmail.com
      Phone No : 9095072340/ 8148085002
6. **Tentative Time Table** including dates of internal assessments : Enclosure 4 enclosed - YES / ~~NO~~
7. Number of students opting for the course : 20 (Tentative Count)
8. Department Consultative Committee - Minutes : Enclosure 5 enclosed - YES / ~~NO~~
9. Name and Designation of the Coordinator : Mr.S.Sivaprakasam , Assistant Professor

27/1/21

Head of the Department

Dr. M. POONGUZHALI, M.E., Ph.D.
Professor and Head,
Dept. Of Electronics & Communication Engg.
Narasu's Sarathy Institute of Technology,
Poosaripatti, Salem-636 305.

27.01.21

Principal

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, Salem - 636 305.

Director, Academic Courses

Additional Controller of Examinations

NARASU'S SARATHY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT MINUTES OF MEETING

Meeting Number: 2020-21 /EVEN SEM	**Date / Time** : 07.12.2020 /10:45 A.M
Chairperson: Head of the Department	**Venue**: HOD cabin

Minutes of Meeting:

1. Academic Planner for even semester 2020-2021 discussed
2. As per previous Semester Feedback from Students, they required Software exposure required for the Microprocessors and Microcontrollers & embedded and real time systems subjects to meet out the industrial requirements in future.
3. Mr.S.Sivaprakasam AP/ECE deputed for identifying expertise for organizing course
4. HOD and staff members' discussion, **Advanced Arduino Programming and Its Application** course was finalized.
5. Mr.S.Sivaprakasam AP/ECE deputed for planning Budget, student willingness, tentative time table and prepare course schedule.

27/1/2021
Minutes of meeting In-charge

27/1/21
HOD

27.01.21
PRINCIPAL

Dr. M. POONGUZHALI, M.E.,
Professor and Head,
Dept. Of Electronics & Communication Engg
Narasu's Sarathy Institute of Technology,
Poosaripatti, Salem-636 305.

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, S...

HOD/ECE
01.03.21

Off: 22357077 / 73
22357074
Fax / Dir : 22357072

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR
Letter No.3335/AU/VA/CAC/FICE/2021

26.02.2021

126 40
1/3/21

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub: A.U. - CAC - Affiliated Institutions - Value Added Courses - Reg.

Ref: (i) Letter received from the Principal, Narasu's Sarathy Institute of Technology, dated:14.12.2020.
(ii) Mail received from the Professor, Narasu's Sarathy Institute of Technology, dated:27.01.2021.

******

With reference to the letter cited, the following Value Added Courses offered by Narasu's Sarathy Institute of Technology, Affiliated Institutions is allotted the course code as detailed below.

SI. NO.	CODE ALLOTTED	TITLE	CREDITS			
			L	T	P	C
1.	IVA081	Advanced Arduino Programming and Its Application	0	0	2	1

This is for your kind information and necessary action at your end.

Yours faithfully,

26/2/2021

DIRECTOR

26/2

Copy to:

1. The Principal, Narasu's Sarathy Institute of Technology, Kadayampatti Taluk, Salem – 636 305.
2. The Chairperson, Faculty of Information and Communication Engineering, A.U., Chennai -25.
3. The Stock File.

AL

REQUISITION LETTER

Date : 27/01/2021

Permitted.

27.01.21

From

Dr . M. Poonguzhali ,Professor / HOD
Certificate Course Coordinator,
Department of Electronics and Communication Engineering,
Narasu's Sarathy Institute of Technology,
Poosaripatty,
Salem.

To

The Principal,
Narasu's Sarathy Institute of Technology,
Poosaripatty,
Salem.

Respected Sir,

Sub: Permission to conduct value added course-reg.

Department of Electronics and Communication Engineering is planned to conduct value added courses for the Academic Year 2020-2021 Even Semester as per the recommendation of member. In this regard kindly accord permission to conduct value added course as per the schedule given below

Name of the Course: Advanced Arduino Programming and Its Application
Duration: 6 days (08.03.2021-13.03.2021)

Thanking You,

Yours Truly,

27/1/21

HOD / ECE

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Document ID:	**2020-21/EVEN/NSIT/ECE/CC/002**	**Document Name:**	**Circular**

Date: 05.03.2021

Circular

The Department of Electronics and Communication Engineering has planned to conduct online certificate course for Ten days from **08.03.2021 to 13.03.2021** for all ECE students on "**ADVANCED ARDUINO PROGRAMMING AND ITS APPLICATION**" . The duration of the course is **30 hours**. The students those who are willing can attend the Course students from other department can also attend the course if it is relevant to them. The students are instructed to utilize the opportunity and build their knowledge. The concerned CC's (Second Year ,Third Year and Final year) are requested to encourage the students for maximum participants.

Venue: Online mode

Co-ordinator	**HoD**	**Principal**
S.Sivaprakasam	Dr.M.Poonguzhali	Dr. V. Munusami

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

Copy to:

- Chairman/ Vice Chairman/Pro Chairman
- All Department HOD's
- All Class Advisors (ECE)
- Main Notice board / Library Notice board / Office
- IQAC

Enclosure 1&2

Advanced Arduino Programming and Its Application **0 0 2 1**

Course Objective (CO): Students will be able to train in the following CO:
CO1. To familiarize students with Arduino IDE, programming language & platform
CO2. To provide knowledge of Arduino boards and basic components.
CO3. Develop skills to design and implement various smart system applications.

Unit -1 Introduction to Arduino **6hrs**

Arduino Platform, Block diagram, Architecture, Pin functions, overview of main features, Concept of digital and analog ports, Timers, sensors, interrupts, serial port, PWM, ADC.

Unit -2 Arduino programming language and IDE **6hrs**

Introduction to IDE, Arduino programming concept , Arduino data types, Variables and constants, Operators, Control Statements, Arrays, Functions, Arduino i/o Functions, sample programming.

Unit -3 Interfacing with Arduino **6hrs**

LCD & LED interfaces, sensor/actuator Interfacing, piezo Buzzer Interfacing, RFID interfacing, Serial & Parallel Communications Interfacing, GSM/GPRS/ Arduino Interfacing.

Practical: **12 hrs**

- Multi-color LED blinking system using Arduino.
- Intelligent home locking system using Arduino.
- Intelligent water level management system using Arduino.
- Home automation using RFID using Arduino.
- Real time clock-based home automation using Arduino.
- Intelligent Automatic Irrigation System using Arduino.

TOTAL: 30 PERIODS

Enclosure 3

DETAILS INCLUDING DESIGNATION AND EXPERTISE

1. Mr.N.Ramkumar, M.E.,(Ph.D)., : **Advanced Arduino Programming and Its Application**
Assistant Professor /ECE
Anil Neerukonda Institute of technology and sciences
Visakhapatnam, Andhra Pradesh-531162.

2. Mr. S.Sivaprakasam M.E., : **Advanced Arduino Programming and Its Application**
Assistant Professor /ECE
Narasu's Sarathy Institute of Technology
Salem-636305

Enclosure 4

TENTATIVE TIME TABLE INCLUDING DATES OF INTERNAL ASSESSMENTS

S.No	Programme	Semester	Commencement of Practical Classes	Last Working Day	Commencement of Internal Assessment
1.	B.E ECE	VI &VIII	08.03.2021, 09.03.2021, 10.03.2021, 11.03.2021, 12.03.2021, 13.03.2021,	13.03.2021	13.03.2021

Date	Topic	Timing	Recourse Person
08.03.2021	• Introduction to Arduino. • Arduino Platform. • Block diagram. • Architecture & Pin functions.	10.00 A.M to 4.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam,
09.03.2021	• Overview of main features. • Concept of digital and analog ports. • Timers, sensors, interrupts, serial port, PWM, ADC.	10.00 A.M to 4.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam
10.03.2021	• Introduction to IDE. • Arduino programming concept. • Arduino data types. • Variables and constants.	10.00 A.M to 12.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam,
	Practical Session (sample programing)	1.00 P.M to 4.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam
11.03.2021	• Operators. • Control Statements. • Arrays. • Functions. • Arduino I/O Functions.	10.00 A.M to 12.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam,
	Practical Session (sample programing)	1.00 P.M to 4.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam,
12.03.2021	• LCD & LED interfaces. • Sensor/actuator Interfacing. • Piezo Buzzer Interfacing.	10.00 A.M to 12.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam,
	Practical Session	1.00 P.M to 4.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam
13.03.2021	• RFID *interfacing.* • Serial & Parallel Communications Interfacing, • *GSM/GPRS/ Arduino Interfacing*	10.00 A.M to 12.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam,
	Practical Session	1.00 P.M to 4.00 P.M	Mr.N.Ramkumar,& Mr.S.Sivaprakasam

TOTAL PERIOD: 30 HOURS

FEEDBACK FORM

Name of the student: F. Afreen Course Title: Advanced Arduino programming and its application. C

Date 13.8.2021 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[✓]	[ ]	[ ]	[ ]
Well Organized	[ ]	[✓]	[ ]	[ ]
Presented at the Right Level	[ ]	[ ]	[✓]	[ ]
Effective Activities	[✓]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[ ]	[✓]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[ ]	[✓]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[✓]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

No comments

Overall, how would you evaluate this Course training session?

good

Attested

Dr. V. MUNUSAMI, B.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

Student's signature

F. Afreen

FEEDBACK FORM

Name of the student: Deepika.M Course Title: Advanced Arduino Programming and its Application

Date 13/03/2021 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[ ]	[✓]	[ ]	[ ]
Effective Activities	[✓]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[ ]	[ ]	[✓]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[✓]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[ ]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[✓]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

No comments

Overall, how would you evaluate this Course training session?

Good

Deepika.M
Student Signature

Attested

Dr. V. MUNUSAMI, B.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

FEEDBACK FORM

Name of the student: Ranjith .V Course Title: Advanced Arduino programming and its Application

Date 13/3/2021 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[✓]	[✓]	[ ]	[ ]
Well Organized	[ ]	[ ]	[✓]	[ ]
Presented at the Right Level	[ ]	[✓]	[ ]	[ ]
Effective Activities	[✓]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[✓]	[ ]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[✓]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[ ]	[ ]	[ ]
Instructor Covered Material Clearly	[ ]	[ ]	[✓]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

no suggestions

Overall, how would you evaluate this Course training session?

Good.

student Signature

Ranjith .V

Attested

Dr. V. MUNUSAMI, B.E., Ph.D.
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

FEEDBACK FORM

Name of the student: Kiran . K Course Title: Advanced Arduino Programming and its application

Date 13.03.2021 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[✓]	[ ]	[ ]	[ ]
Well Organized	[ ]	[✓]	[ ]	[ ]
Presented at the Right Level	[✓]	[ ]	[ ]	[ ]
Effective Activities	[ ]	[ ]	[✓]	[ ]
Useful Visual Aids and Handouts	[ ]	[✓]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[ ]	[✓]	[ ]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

All performance is better.

Overall, how would you evaluate this Course training session?

Good.

Attested

Dr. V. MUNUSAMI M.E., Ph.D.
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosampatty, [illegible]

Student Signature
Kiran. K

ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: **MA** 3142220 **Folio No.** AUM3507800

NAME OF THE CANDIDATE	ANBARASAN L					REGISTER NO	611716106007
DATE OF BIRTH	02-APR-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Electronics and Communication Engineering						

SEM NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	EC8561	Communication Systems Laboratory	2	O	10	PASS
05	EC8563	Communication Networks Laboratory	2	A+	9	PASS
05	EC8562	Digital Signal Processing Laboratory	2	O	10	PASS
06	EC8691	Microprocessors and Microcontrollers	3	O	10	PASS
06	EC8651	Transmission Lines and RF Systems	3	A+	9	PASS
06	MG8591	Principles of Management	3	A	8	PASS
06	EC8004	Wireless Networks	3	A+	9	PASS
06	EC8095	VLSI Design	3	A	8	PASS
06	EC8661	VLSI Design Laboratory	2	O	10	PASS
06	EC8611	Technical Seminar	1	O	10	PASS
06	EC8652	Wireless Communication	3	A	8	PASS
06	EC8681	Microprocessors and Microcontrollers Laboratory	2	O	10	PASS
06	HS8581	Professional Communication	1	O	10	PASS
		Value Added Course(s)				
06	IVA081	Advanced Arduino Programming and Its Application	1	O	10	PASS

* * * End of Statement * * *

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					29	92				
Grade Point Average (GPA)					9.667	9.000				

Cumulative Credits Earned	148	Cumulative Grade Point Average (CGPA)	8.26	Medium of Instruction : ENGLISH

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

02-11-2021 SIGNATURE OF THE CANDIDATE CONTROLLER OF EXAMINATIONS

ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: **MA** 3222393 **Folio No.** AUM3323468

NAME OF THE CANDIDATE	MEGANATHAN G					REGISTER NO.	611718106028
DATE OF BIRTH	25-FEB-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Electronics and Communication Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	EC8561	Communication Systems Laboratory	2	O	10	PASS
05	EC8562	Digital Signal Processing Laboratory	2	A+	9	PASS
05	EC8563	Communication Networks Laboratory	2	A+	9	PASS
06	EC8691	Microprocessors and Microcontrollers	3	A	8	PASS
06	HS8581	Professional Communication	1	O	10	PASS
06	EC8681	Microprocessors and Microcontrollers Laboratory	2	A+	9	PASS
06	EC8661	VLSI Design Laboratory	2	A+	9	PASS
06	EC8651	Transmission Lines and RF Systems	3	A+	9	PASS
06	MG8591	Principles of Management	3	A+	9	PASS
06	EC8004	Wireless Networks	3	A	8	PASS
06	EC8095	VLSI Design	3	A+	9	PASS
06	EC8611	Technical Seminar	1	O	10	PASS
06	EC8652	Wireless Communication	3	A+	9	PASS
		Value Added Course(s)				
06	IVA081	Advanced Arduino Programming and Its Application	1	O	10	PASS

* * * End of Statement * * *

PROGRESS THROUGH KNOWLEDGE

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					28	90				
Grade Point Average (GPA)					9.333	8.833				

Cumulative Credits Earned 148 **Cumulative Grade Point Average (CGPA)** 7.78 **Medium of Instruction : ENGLISH**

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025
Date 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS i/c

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH - 7, Poosaripatty, Kariyampatty Taluk, Salem - 636305. Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in		**Certificate Course**	
Document ID:	**2020-21/ODD/NSIT/ECE/CC/001**	**Document Name:**	**Request Letter**

21/08/2020

From

Dr.M.Poonguzhali
Professor & Head,
Department of ECE,
NSIT, Salem.

Permitted
21.08.2020

To

The Principal,
NSIT, Salem.

Respected Sir,

Sub: Permission to conduct value added course-reg.

Department of Electronics and Communication Engineering is planned to conduct value added courses for the Academic Year 2020-21 ODD Semester as per the recommendation of member. In this regard kindly accord permission to conduct value added course as per the schedule given below,

Name of the Course: Digital Signal Processing using MATLAB

Duration: 10 days (02.09.2020-17.09.2020)

This program will assist the students to improve their career to become a software Professional and enhance students' quality and competency. This Certification will help them to get placed in eminent companies.

Students are keen enough to attend the certificate program. Hence, we request your permission to organize the above course.

Thanking You

Yours faithfully,

21/8/2020

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Document ID:	**2020-21/ODD/NSIT/ECE/CC/001**	**Document Name:**	**Circular**

Date: 21.08.2020

Circular

The Department of Electronics and Communication Engineering has planned to conduct online certificate course for Ten days from **02.09.2020 to 17.09.2020** for all ECE students on "**Digital Signal Processing using MATLAB** " . The duration of the course is **40 hours**. The students those who are willing can attend the Course students from other department can also attend the course if it is relevant to them. The students are instructed to utilize the opportunity and build their knowledge. The concerned CC's (Second Year ,Third Year and Final year) are requested to encourage the students for maximum participants.

Venue: Online mode

21/8/2020

Co-ordinator

S.Sabarinathan

21/8/20

HoD

Dr.M.Poonguzhali

21.08.2020

Principal

Dr. V. Munusami

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Copy to:

- Chairman/ Vice Chairman/Pro Chairman
- All Department HOD's
- All Class Advisors (ECE)
- Main Notice board / Library Notice board / Office
- IQAC

Narasu's Sarathy Institute of Technology
Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in, www.nsit.edu.in

Certificate Course

Document ID:	2020-21/ODD/NSIT/ECE/CC/001	Document Name:	Syllabus (40 hrs)

Date: 21.08.2020

S.NO	SYLLABUS
1	Introduction to MATLAB and Working with Digital Signal Processing Toolbox
2	Creating Filter and Types of Transformations
3	Modulation and Demodulation using complex envelope and Waveform generation techniques
4	Filter analysis and Smoothing of a signal
5	Finding correlation and Detecting the ECG signal
6	How to build a MATLAB project? And The difference between continuous and discrete time
7	Quantization, A/D and D/A converters and Multirate signal processing
8	Interpolation and Sampling and Aliasing
9	Multirate Signal Processing and A/D and D/A Conversion
10	Stochastic and Adaptive Signal Processing and Time Audio Signal Processing
11	TEST

21/8/2020

Co-ordinator

S.Sabarinathan

21/8/2020

HoD

Dr.M.Poonguzhali

21.08.2020

Principal

Dr. V. Munusami

Attested
Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Narasu's Sarathy Institute of Technology
Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

Certificate Course			
Document ID:	**2020-21/ODD/NSIT/ECE/CC/001**	**Document Name:**	**Time Table (40 hrs)**

Date: 21.08.2020

Dates	AN (1.30-3..15PM)	AN (3.30-4.30PM)
02.09.2020	Introduction to MATLAB **(Mr.S.Sabarinathan AP/ECE)**	Working with Digital Signal Processing Tool **(Dr.M.Poonguzhali HOD/ECE)**
03.09.2020	Creating Filter **(Mr.M.Prasanth AP/ECE)**	Types of Transformations **(Mr.V.Sivasakthi AP/ECE)**
04.09.2020	Modulation and Demodulation using complex envelope. **(Mr.M.Prasanth AP/ECE)**	Waveform generation techniques **(Dr.M.Poonguzhali HOD/ECE)**
05.09.2020	Filter analysis **(Mr.S.Sabarinathan AP/ECE)**	Smoothing of a signal **(Mr.M.Prasanth AP/ECE)**
09.09.2020	Finding correlation **(Mr.V.Sivasakthi AP/ECE)**	Detecting the ECG signal **(Mr.S.Sabarinathan AP/ECE)**
10.09.2020	How to build a MATLAB project? **(Dr.M.Poonguzhali HOD/ECE)**	The difference between continuous and discrete time **(Mr.V.Sivasakthi AP/ECE)**
11.09.2020	Quantization, A/D and D/A converters **(Mr.V.Sivasakthi AP/ECE)**	Multirate signal processing **(Mr.M.Prasanth AP/ECE)**
14.09.2020	Interpolation and Sampling **(Mr.S.Sabarinathan AP/ECE)**	Aliasing **(Mr.S.Sabarinathan AP/ECE)**
15.09.2020	Multirate Signal Processing **(Dr.M.Poonguzhali HOD/ECE)**	A/D and D/A Conversion **(Mr.M.Prasanth AP/ECE)**
16.09.2020	Stochastic and Adaptive Signal Processing **(Mr.S.Sabarinathan AP/ECE)**	Time Audio Signal Processing **(Dr.M.Poonguzhali HOD/ECE)**
17.09.2020	TEST	

21/8/2020
Co-ordinator
S.Sabarinathan

21/8/20
HoD
Dr.M.Poonguzhali

21.08.2020
Principal
Dr. V. Munusami

Attested
Dr. V. MUNUSAMI, M.E., Ph.D.
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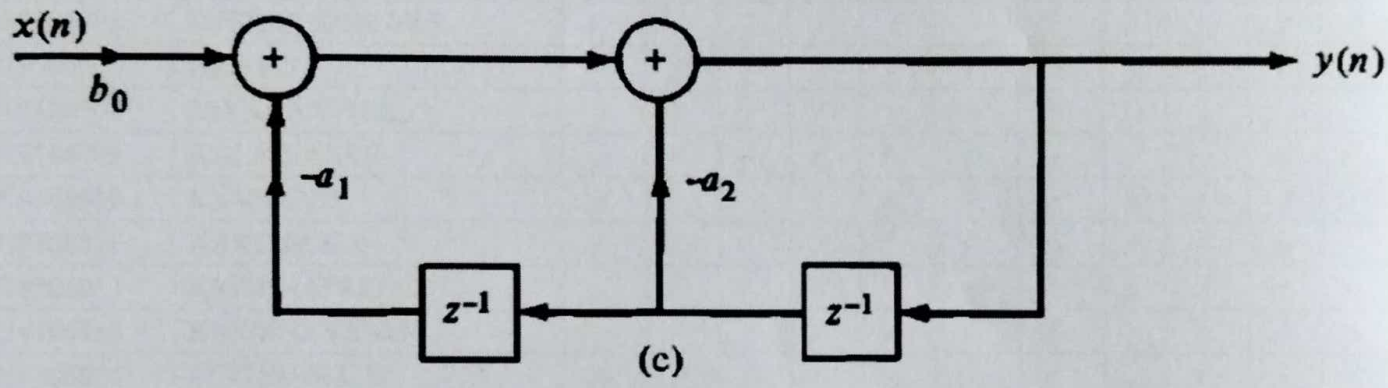
Poosaripatty, SALEM - 636 305.

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH - 7, Namakkalpatty, Kadayampatty Taluk, Salem - 636309 Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in, www.nsit.edu.in		Question Paper	
Document ID:	2020-2021/ODD/NSIT/ECE/CC 01	Document Name:	Question Paper for Certificate course
Programme:	BE	Branch:	ECE
Time Duration:	1 Hour	Marks:	50
Academic year:	2020-2021	Date:	17.09.2020

Part-A 5*10=50

1. What is the system does the following direct form structure represents?



(c)

2. What is the form of the FIR system to compute the moving average of the signal x(n)?

3. The system described by the equation y(n)=ay(n+1)+b x(n) is a recursive system.

4. How is sampling been done when an image is generated by a single sensing element combined with mechanical motion?

5. How does sampling gets accomplished with a sensing strip being used for image acquisition?

17/9/2020

Course Coordinator

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Attendance

Document ID:	2020-2021/ODD/NSIT/ECE/CC 01	Document Name:	Attendance for Ceertificate course
Programme:	BE	Branch:	ECE
Academic year:	2020-2021	Date:	02.09.2020

S. NO	Register no	Students name	02.09.2020	03.09.2020	04.09.2020	05.09.2020	09.09.2020	10.09.2020	11.09.2020	14.09.2020	15.09.2020	16.09.2020	17.09.2020
1	611719106002	BAGYALAKSHMI.N	/	/	/	/	/	/	/	/	/	/	/
2	611719106003	BALAJI.M	/	/	/	/	/	a	/	/	/	/	/
3	611719106005	DEEPAN KUMAR.R	/	/	/	/	/	/	/	/	/	/	/
4	611719106006	HEMA.S	/	/	/	/	/	/	/	/	/	/	/
5	611719106008	JAYAKANTH.R	/	/	a	/	/	/	/	/	a	/	/
6	611719106009	KALAIVANI.B	/	/	/	/	/	/	/	/	/	/	/
7	611719106010	KANNAN.R	/	/	/	/	/	/	a	/	/	/	/
8	611719106011	KARTHICK.R	/	/	/	/	/	/	/	/	/	a	/
9	611719106012	KRISHNAPRIYA.S	/	/	/	/	/	/	/	/	/	/	/
10	611719106013	KRISHNAVENI.M	/	/	/	/	/	/	/	/	/	/	/
11	611719106014	MUTHUVEL.S	/	/	/	/	a	/	/	/	/	/	/
12	611719106015	PRAVEENKUMAR.S	/	/	/	/	/	/	/	/	/	/	/
13	611719106016	PRIYANKA.S	/	/	/	/	/	/	/	/	a	/	/
14	611719106017	RAMESHKANNAN.P	/	/	/	/	/	/	/	/	/	/	/
15	611719106020	SANTHOSH.S	/	a	/	/	/	/	/	/	/	/	/
16	611719106021	SARANRAJ.S	/	/	/	/	/	/	/	/	/	/	/
17	611719106022	SARANYA.P	/	/	/	/	/	/	/	/	/	a	/
18	611719106023	SATHISH KUMAR.M	/	/	/	/	/	/	/	a	/	/	/
19	611719106018	SAKTHIPRIYA.S	/	/	a	/	/	/	/	/	/	/	/
20	611719106024	SIVASAKTHI.K	/	/	/	/	/	/	/	/	/	/	/
21	611719106025	SOWMIYA.S	/	/	/	/	/	/	a	/	/	/	/
22	611719106026	SURESH.A	/	/	/	/	/	/	/	/	/	/	/
23	611719106027	UDHAYAKUMAR.S	/	/	/	a	/	/	/	/	/	/	/
24	611719106028	VENKATESH.P	/	/	/	/	/	/	/	/	/	/	/
25	611719106030	YOGANANTHAN.G	/	/	/	/	/	/	/	/	/	/	/
26	611719106301	MOHAMED BADHUSHA	/	a	/	/	/	/	/	/	/	/	/

27	611719106302	PRAGASHINI .B	/	/	/	/	/	/	/	/	/	/	/
28	611719106303	SANTHOSH SIVAN .S	/	/	/	/	/	/	a	/	/	/	/
29	611718106003	AFREEN F	/	/	/	/	/	/	/	/	/	/	/
30	611718106004	AHALYA R	/	/	/	/	/	/	/	/	a	/	/
31	611718106005	AKASH S	/	a	/	/	/	/	/	/	/	/	/
32	611718106006	AMULPRIYA J	/	/	a	/	/	/	/	/	/	/	/
33	611718106007	ANBARASAN L	/	/	/	/	/	/	a	/	/	/	/
34	611718106008	ARCHANA M	/	/	/	/	/	a	/	/	/	/	/
35	611718106009	ARSHAD MADANII S	/	/	/	/	/	/	/	/	/	/	/
36	611718106010	ARUNKUMAR P	a	/	/	/	/	/	/	/	/	/	/
37	611718106011	BALAJI.R	/	/	/	/	/	/	/	/	/	/	/
38	611718106013	BHARATH.J	/	/	/	/	/	/	a	/	/	/	/
39	611718106014	DEEPIKA M	/	/	/	/	/	/	/	/	a	/	/
40	611718106015	DEEPIKA S	/	/	/	/	/	/	/	/	/	/	/
41	611718106017	ELAMARAN G	/	/	/	/	/	/	/	/	/	/	/
42	611718106018	ISWARYA R	/	/	a	/	/	a	/	/	/	a	/
43	611718106019	KARTHIKEYAN S K	/	/	/	/	/	/	/	a	/	/	/
44	611718106020	KAVI PRAKASH V	/	/	/	a	/	/	/	/	/	/	/
45	611718106021	KAVIPRIYA S M	/	/	/	/	/	/	/	/	/	/	/
46	611718106022	KEERTHIVASAN P	/	/	/	/	/	/	/	/	/	/	/
47	611718106023	KIRAN K V	/	/	/	/	/	/	/	/	/	/	/
48	611718106024	KIRUTHIKA M	/	/	/	/	/	/	/	/	/	/	/
49	611718106025	KOKILAVANI N	/	/	/	/	a	/	/	/	/	/	/
50	611718106026	LOGESH C	/	/	/	/	/	/	/	/	/	/	/
51	611718106027	MANIKANDAN T	/	/	/	/	/	a	/	/	/	/	/
52	611718106028	MEGANATHAN G	/	/	/	/	/	/	/	/	/	/	/
53	611718106029	MOHANRAJ M	/	/	/	/	/	/	/	/	/	/	/
54	611718106030	MONISHA R	/	/	/	/	/	/	/	/	/	/	/
55	611718106031	MURALI M	/	/	/	/	/	/	/	/	/	/	/
56	611718106032	NAVEEN M	/	/	/	/	/	/	/	/	/	/	/
57	611718106033	NAVEENKUMAR D	/	/	/	/	/	/	/	/	a	/	/
58	611718106034	NITHIYANIRANJANI.B	/	/	/	/	/	/	/	/	/	/	/
59	611718106037	RAMYA C	/	/	/	/	/	/	/	/	/	/	/
60	611718106038	RAMYA.M	/	/	/	a	/	/	/	/	/	/	/
61	611718106039	RANJITH V	/	/	/	/	/	/	/	/	/	/	/
62	611718106040	RANJITHKUMAR M	/	a	/	/	/	a	/	/	/	/	/
63	611718106041	REKHA.K.V	/	/	/	/	/	/	/	/	/	/	/
64	611718106042	SABARINATHAN S	/	/	/	/	/	/	/	a	/	/	/
65	611718106043	SATHISH KUMAR S	/	/	/	/	a	/	/	/	/	/	/

66	611718106044	SMEGHA V N	/	/	/	/	/	/	a	/	/	/	/		
67	611718106045	SNEGA V	/	/	/	/	/	/	/	/	/	/	/		
68	611718106047	SRIPRIYA G	a	/	/	/	/	/	/	/	/	/	/		
69	611718106048	TAMILARASAN K	/	/	/	/	/	/	/	/	a	/	/		
70	611718106049	VETRISELVAN B	/	/	/	/	/	/	/	/	/	/	/		
71	611718106050	VIGNESH A	/	/	/	/	/	/	/	/	/	/	/		
72	611718106051	VISHNUPRIYA K	/	/	/	/	/	/	a	/	/	/	/		
73	611718106052	YUJITH S M	/	a	/	/	/	/	/	/	/	/	/		
74	611718106501	G.V.NANDHINI	/	/	/	/	/	/	/	/	/	/	/		
75	611717106002	Al Misbha.S	/	/	/	a	/	/	/	a	/	/	/		
76	611717106005	Anusri.M	/	/	/	/	/	/	/	/	/	/	/		
77	611717106008	Dharneswar.T.C	/	/	/	/	/	/	/	/	/	/	/		
78	611717106009	Dhivakar.J	/	/	/	/	/	/	a	/	/	/	/		
79	611717106010	Geetha Lakshmi.S	/	/	/	/	/	/	/	/	a	/	/		
80	611717106011	Janani.L	/	/	/	/	/	/	/	/	/	/	/		
81	611717106012	Janani.M	/	/	/	/	/	/	/	/	/	/	/		
82	611717106013	Kamalakannan.R.S	/	/	/	/	/	/	/	/	/	a	/		
83	611717106015	Keerthana.V.R	/	/	a	/	/	/	/	/	/	/	/		
84	611717106017	Logaraajan.D.S	/	/	/	/	/	/	/	/	/	/	/		
85	611717106018	Malleshwari.S	/	/	/	/	/	/	/	/	/	/	/		
86	611717106019	Manoj.M	/	/	/	/	/	/	/	/	/	/	/		
87	611717106020	Mohanapriya.K	/	/	/	/	/	/	/	/	/	/	/		
88	611717106022	Nandha Kumar.V	/	/	/	a	/	/	/	/	/	/	/		
89	611717106023	Nandhini.D	/	a	/	/	/	/	a	/	/	/	/		
90	611717106024	Nandhini.P	/	/	/	/	/	/	/	/	/	/	/		
91	611717106026	Nayeem Asraf. A	/	/	/	/	/	/	/	/	/	/	/		
92	611717106031	Premkumar.G	/	/	/	/	/	/	/	a	/	/	/		
93	611717106032	Priyanka.S	/	/	/	/	/	/	/	/	/	/	/		
94	611717106036	Sai Deepika.M	/	/	/	/	/	/	/	/	/	/	/		
95	611717106044	Sowmiya.P	/	/	/	/	/	/	/	/	a	/	/		
96	611717106045	Srinithi.K	/	/	/	/	/	/	/	/	/	/	/		
97	611717106046	Varsha.J	/	/	/	/	/	/	/	/	/	/	/		
98	611717106049	Vishnu.M	/	/	/	a	/	/	/	/	/	a	/		
99	611717106051	Yogeswari.R	/	/	/	/	a	/	/	/	/	/	/		

12/9/2020

Co-ordinator

S.Sabarinathan

12/9/2020

HoD

Dr.M.Poonguzhali

12.09.2020

Principal

Dr. V. Munusami

Attested

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Poosaripatty, SALEM - 636 305.

FEEDBACK FORM

Name of the student: Sripriya. G Course Title: Digital signal processing using Mat Lab.

Date 17.9.2020 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[✓]	[ ]	[ ]	[ ]
Well Organized	[ ]	[✓]	[ ]	[ ]
Presented at the Right Level	[ ]	[ ]	[✓]	[ ]
Effective Activities	[ ]	[✓]	[ ]	[ ]
Useful Visual Aids and Handouts	[✓]	[ ]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[ ]	[✓]	[ ]

How could this course training be improved?

Any other comments or suggestions?

Explanation is good

Overall, how would you evaluate this Course training session?

very good

Attested

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PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

Student Signature

Sripriya. G

FEEDBACK FORM

Name of the student: Premkumar.G Course Title: Digital Signal Processing using Matlab

Date 17.09.2020 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[ ]	[✓]	[ ]	[ ]
Effective Activities	[ ]	[ ]	[✓]	[ ]
Useful Visual Aids and Handouts	[✓]	[ ]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

Need more program pratice.

Overall, how would you evaluate this Course training session?

Very Good.

student sign.

Premkumar.G.

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

FEEDBACK FORM

Name of the student: YOGESWARI. R Course Title: DIGITAL SIGNAL PROCESSING USING MATLAB

Date 17/09/2020 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[ ]	[✓]	[ ]	[ ]
Effective Activities	[ ]	[ ]	[✓]	[ ]
Useful Visual Aids and Handouts	[✓]	[ ]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[ ]	[ ]	[✓]	[ ]

How could this course training be improved?

Any other comments or suggestions?

NO Comments

Overall, how would you evaluate this Course training session?

VERY GOOD

Attested

Dr. V. MUNUSAMI, B.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, Salem

R. Yogeshwari
Student Signature

FEEDBACK FORM

Name of the student: Manoj. M Course Title: Digital signal Processing using Mat lab.

Date 17.09.2020 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[ ]	[✓]	[ ]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[✓]	[ ]	[ ]	[ ]
Effective Activities	[ ]	[ ]	[✓]	[ ]
Useful Visual Aids and Handouts	[ ]	[✓]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[ ]	[✓]	[ ]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

Need Practical Applications.

Overall, how would you evaluate this Course training session?

Attested

Dr. V. MANUSAMI, M.E., Ph.D.
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

Student signature.
Manoj.M

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bangalore Highway NH - 7, Pannapatty, Kadayampatty Taluk, Salem - 636309. Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56693, admin@nsit.edu.in, www.nsit.edu.in		Mark Staement	
Document ID:	2020-2021/ODD/NSIT/ECE/CC 01	Document Name:	Mark Staement for Certificate Course
Programme:	BE	Branch:	ECE
Academic year:	2020-2021	Date:	17.09.2020

S.NO	Register no	Students name	17.09.2020
1	611719106002	BAGYALAKSHMI.N	45
2	611719106003	BALAJI.M	44
3	611719106005	DEEPAN KUMAR.R	43
4	611719106006	HEMA.S	40
5	611719106008	JAYAKANTH.R	41
6	611719106009	KALAIVANI.B	42
7	611719106010	KANNAN.R	46
8	611719106011	KARTHICK.R	41
9	611719106012	KRISHNAPRIYA.S	39
10	611719106013	KRISHNAVENI.M	45
11	611719106014	MUTHUVEL.S	42
12	611719106015	PRAVEENKUMAR.S	41
13	611719106016	PRIYANKA.S	46
14	611719106017	RAMESHKANNAN.P	45
15	611719106020	SANTHOSH.S	41
16	611719106021	SARANRAJ.S	42
17	611719106022	SARANYA.P	47
18	611719106023	SATHISH KUMAR.M	40
19	611719106018	SAKTHIPRIYA.S	40
20	611719106024	SIVASAKTHI.K	42
21	611719106025	SOWMIYA.S	43
22	611719106026	SURESH.A	45
23	611719106027	UDHAYAKUMAR.S	40
24	611719106028	VENKATESH.P	38
25	611719106030	YOGANANTHAN.G	39
26	611719106301	MOHAMED BADHUSHA	40
27	611719106302	PRAGASHINI .B	41
28	611719106303	SANTHOSH SIVAN .S	39

29	611718106003	AFREEN F	38
30	611718106004	AHALYA R	41
31	611718106005	AKASH S	45
32	611718106006	AMULPRIYA J	35
33	611718106007	ANBARASAN L	41
34	611718106008	ARCHANA M	42
35	611718106009	ARSHAD MADANII S	36
36	611718106010	ARUNKUMAR P	41
37	611718106011	BALAJI.R	35
38	611718106013	BHARATH.J	42
39	611718106014	DEEPIKA M	44
40	611718106015	DEEPIKA S	45
41	611718106017	ELAMARAN G	48
42	611718106018	ISWARYA R	43
43	611718106019	KARTHIKEYAN S K	39
44	611718106020	KAVI PRAKASH V	36
45	611718106021	KAVIPRIYA S M	41
46	611718106022	KEERTHIVASAN P	38
47	611718106023	KIRAN K V	40
48	611718106024	KIRUTHIKA M	36
49	611718106025	KOKILAVANI N	41
50	611718106026	LOGESH C	36
51	611718106027	MANIKANDAN T	45
52	611718106028	MEGANATHAN G	42
53	611718106029	MOHANRAJ M	43
54	611718106030	MONISHA R	47
55	611718106031	MURALI M	36
56	611718106032	NAVEEN M	41
57	611718106033	NAVEENKUMAR D	39
58	611718106034	NITHIYANIRANJANI.B	41
59	611718106037	RAMYA C	45
60	611718106038	RAMYA.M	43
61	611718106039	RANJITH V	36
62	611718106040	RANJITHKUMAR M	41
63	611718106041	REKHA.K.V	36
64	611718106042	SABARINATHAN S	45
65	611718106043	SATHISH KUMAR S	42
66	611718106044	SMEGHA V N	43
67	611718106045	SNEGA V	36

68	611718106047	SRIPRIYA G	38
69	611718106048	TAMILARASAN K	41
70	611718106049	VETRISELVAN B	42
71	611718106050	VIGNESH A	36
72	611718106051	VISHNUPRIYA K	35
73	611718106052	YUJITH S M	41
74	611718106501	G.V.NANDHINI	35
75	611717106002	Al Misbha.S	38
76	611717106005	Anusri.M	41
77	611717106008	Dharneswar.T.C	42
78	611717106009	Dhivakar.J	46
79	611717106010	Geetha Lakshmi.S	47
80	611717106011	Janani.L	39
81	611717106012	Janani.M	42
82	611717106013	Kamalakannan.R.S	43
83	611717106015	Keerthana.V.R	39
84	611717106017	Logaraajan.D.S	38
85	611717106018	Malleshwari.S	45
86	611717106019	Manoj.M	46
87	611717106020	Mohanapriya.K	35
88	611717106022	Nandha Kumar.V	36
89	611717106023	Nandhini.D	42
90	611717106024	Nandhini.P	43
91	611717106026	Nayeem Asraf. A	47
92	611717106031	Premkumar.G	39
93	611717106032	Priyanka.S	47
94	611717106036	Sai Deepika.M	36
95	611717106044	Sowmiya.P	38
96	611717106045	Srinithi.K	42
97	611717106046	Varsha.J	45
98	611717106049	Vishnu.M	42
99	611717106051	Yogeswari.R	45

17/9/2020

Co-ordinator

S.Sabarinathan

17/9/2020

HoD

Dr.M.Poonguzhali

12.09.2020

Principal

Attested

Dr. V. Munusami

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

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Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

Certificate of Participation

This is to certify that M. VISHNU -IV/ECE

has participated in the Certificate Course on "DIGITAL SIGNAL PROCESSING USING MATLAB" organised by the Department of Electronics and Communications Engineering on 02-09-2020 to 17-09-2020.

Course Co-ordinator

HOD / ECE

Principal

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology

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Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

Certificate of Participation

This is to certify that L JANANI - IV / ECE

has participated in the Certificate Course on "DIGITAL SIGNAL PROCESSING USING MATLAB" organised by the Department of Electronics and Communications Engineering on 02-09-2020 to 17-09-2020.

Course Co-ordinator

HOD / ECE

Principal

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
Poosaripatty, SALEM

Narasu's Sarathy Institute of Technology

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Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

Certificate of Participation

This is to certify that S. AKASH - III / ECE

has participated in the Certificate Course on "DIGITAL SIGNAL PROCESSING USING MATLAB" organised by the Department of Electronics and Communications Engineering on 02-09-2020 to 17-09-2020.

Course Co-ordinator

HOD / ECE

Principal

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology

ANNEXURE - II

APPLICATION FOR CONDUCTING VALUE ADDED COURSES

1. Name of the Department: Electrical & Electronics Engineering
2. UG programme: B.E- Electrical & Electronics Engineering
3. **Details of the Value Added Courses:**
   a. Name of the Value Added Courses : **Industrial Automation With PLC**
   b. Type of Value Added Courses ~~(Theory~~/-Lab~~/ Lab integrated Theory/others~~)
   c. Short Description — Enclosure 1 enclosed - YES / ~~NO~~
   d. Syllabus including Reference — Enclosure 2 enclosed - ~~YES~~ / NO
4. **Target audience: VI,VIII Semester Students (EEE)**
   Semester (indicate if more than one)
5. **Details of Faculty handling the course:**
   a. Name of the Faculty handling the Value Added course: **Dr.K.Arutselvan**
   b. Details including designation and expertise — Enclosure 3 enclosed - YES / ~~NO~~
   c. Contact details
      Email ID : arutselvank@gmail.com
      Phone No : 9080046358
6. **Tentative Time Table** including dates of internal assessments : Enclosure 4 enclosed - YES / ~~NO~~
7. Number of students opting for the course : 10 (Tentative Count)
8. Department Consultative Committee - Minutes : Enclosure 5 enclosed - YES / ~~NO~~
9. Name and Designation of the Coordinator : Dr.K.Arutselvan, Head& Associate Professor

Head of the Department

Principal

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, Salem - 636 305.

Director, Academic Courses

Additional Controller of Examinations

Enclosure 5

DEPARTMENT CONSULTATIVE COMMITTEE MINUTES

Date: 31.03.2021

Minutes of Meeting:

- Department subject allocation for even semester 2020-21 plan discussed
- Discussed about the progress of outcome based, project and research led teaching.
- The courses where experiential learning is embedded as part of course module were discussed during the meeting. HOD requested to earmark more such courses and embed experiential learning into them.
- Faculty research data was discussed
- As per R-2017, lab requirement for higher semester students were discussed and Mr.R.Sivakumar AP/EEE and Ms.G,Gayathri AP/EEE were instructed to process the deficiency regarding laboratory concern.
- A need for raising funds for scholarships was discussed. Alumni, industry, government and philanthropy are considered as main source of funding resources.
- Mr. S.Govindasamy AP/EEE presented the placement data of current and previous year students.
- For improving practical skills related to **Industrial Automation With PLC** (VI,VIII EEE) planned to conduct value added Course
- Mr.S.Govindasamy AP/EEE deputed for identifying expertise for organizing course
- HOD/EEE chosen as value added course head for Industrial Automation With PLC Mr.R.Sivakumar, AP/EEE deputed for planning Budget, student willingness, tentative time table and prepare course schedule

31/3/2021

HOD/EEE

31.03.2021

Principal

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology

INDUSTRIAL AUTOMATION WITH PLC L T P C
0 0 2 1

OBJECTIVES:
To impart knowledge about the following topics:
• To facilitate the understanding of Programmable Logic Controllers in Automation Industries.

Unit I - PLC & Components Introduction - Various parts of a PLC: CPU and Programmer, input & output modules, it memory and processor - Power Supplies - 1/0 specifications – Advantages & Disadvantages.

Practicals:

1. Experimental verification of basic Relay operations with PLC.
2. Design and selection of power supply and I/O configuration.

Unit II - Basics of PLC Programming The Binary Concept - Boolean algebra - ladder logic program for Logical gates - Push Button & Toggle Switches - Latching & Interlock - Flip-flops in PLC.

Practicals:
3. Conduct a suitable experiment to verify the two input logical operations using PLC.
4. Write a ladder logic program to turn on and turn off a conveyor motor using push button logic

Unit III - Operation with Timers and Counters Timer instructions, ON delay timer instruction, OFF-Delay timer instruction, Retentive Timer + Concept of data types - Sequential logical functions - Industrial process timing applications. Counter Instructions, Up-counter, down counter, Up-Down counter, Combining counter and timer functions for Industrial Applications.

Practicals:
5. Program a single output lamp to oscillate ON/OFF on 3 second intervals using timer function in PLC.
6. Write a ladder logic program for a star-delta starter operation using timer function in PLC.
7. Write a ladder logic program for a car parking station with PLC using an up-down counter.

Unit IV - Arithmetic and Analog Processing Addition, Subtraction, Multiplication, Division, Increment, Decrement- Integer, Byte, Double Word - Introduction to Analog Processing, Types of PLC Analog Modules and Systems, PLC Analog Signal Processing with Conversion blocks, PLC Analog Application Examples.

Practicals:
8. Program a batch processing process for a parallel conveyor operation and sum the outputs to obtain an end product count.
9. Write a ladder logic program for a heat exchanger system for the following conditions
a) For temperature less than 80 degree - Heat exchanger ON
b) For temperature greater than 80 degree less than 90 degree Heat exchanger OFF. Cooler 1 ON,
c) For temperature greater than 90 degree less than 100 degree Heat exchanger OFF, Cooler 1 ON, Cooler 2 ON, ON, Cooler 2 ON, Alarm ON.

Unit V- Interfacing PLC to HMI & SCADA Introduction of HMI (Hardware and Software), Advantages - HMI real time application for industry process evolution SCADA architectures --MTU - RTU Operator Interface - creating Interface Displays for Industrial applications.

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Poosaripatty, SALEM - 636 305.

Practicals:

10. Design a four pole traffic control system with following timing values and to provide a graphical interface using a HMI operator panel,
Timings: GREEN = 10 sec, YELLOW = 5 sec. 11. Study and design of SCADA window using Wincc for a paint mixer tank with two input colors.

Total Periods:30 Hours

OUTCOME: The student would be able to apply the tools and techniques of Industrial Automation field and able to program and control the PLC's,

Text Book & References:

1 John W. Webb and Ronald A. Reis. "Programınable Logic Controllers: Principles and Applications" Edition, Prentice Hall, 1999,
2. Frank D. Petruzella, "Programmable Logic Controllers", Glencoe McGraw Hill Second Edition, Tata McGraw-Hill publication, 2013.
3. Garry Dunning, "Introduction to Programmable Logic Controllers". 3'Edition Thomson Asia Pvt Ltd. Publication
4.Deshpande P. B and Ash RH, Elements of Process Control Applications, ISAPress, New York, 1995
5. Curtis D. Johnson, Process Control Instrumentation Technology, Fourth edition, Prentice Hall of India, New Delhi, 1999,

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Enclosure 3

DETAILS INCLUDING DESIGNATION AND EXPERTISE

S.No	Trainer	Content
1	**Mr. K.Mohammed Fareed** Jr.Project Engineer Ingenious Power & Control Systems (IPCS), Salem. Mr.S.Govindasamy Assistant Professor/ EEE Narasu's Sarathy Institute of Technology	**Unit I & its Practicals** **Unit II & its Practicals** **Unit IV & its Practicals** **Unit V & its Practicals**
2	Mr.D.Chinnadurai Managing Director, Sky Power Solution, Salem Dr.K.Arutselvan Associate Professor/ EEE Narasu's Sarathy Institute of Technology	**Unit III & its Practicals**
3	Mr.S.Suresh Assistant Professor/ EEE Narasu's Sarathy Institute of Technology	**Unit IV & its Practicals** **Unit V & its Practicals**

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Poosaripatty, [illegible] - 636 305.

Enclosure 4

TENTATIVE TIME TABLE INCLUDING DATES OF INTERNAL ASSESSMENTS

S.No	Programme	Semester	Commencement of Practical Classes	Commencement of Internal assessment test
1.	B.E(EEE)	VI,VIII	22.04.2021, 23.04.2021, 24.04.2021, 25.04.2021, 26.04.2021	05.05.2021

TOTAL: 30 PERIODS

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Pooranipatty, SALEM - 636 308

CLASS SCHEDULE **TOTAL: 30 PERIODS**

Day 1: Unit I (22.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	PLC & Components Introduction - Various parts of a PLC: CPU and Programmer, input & output modules, it memory and processor - Power Supplies - 1/0 specifications – Advantages & Disadvantages. **Practicals:** 1. Experimental verification of basic Relay operations with PLC. 2. Design and selection of power supply and I/O configuration	**Mr. K.Mohammed Fareed** Jr.Project Engineer Ingenious Power & Control Systems (IPCS), Salem. **Mr.S.Govindasamy** Assistant Professor/ EEE Narasu's Sarathy Institute of Technology
Day 2: Unit II (23.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Basics of PLC Programming The Binary Concept - Boolean algebra - ladder logic program for Logical gates - Push Button & Toggle Switches - Latching & Interlock - Flip-flops in PLC. **Practicals:** 3. Conduct a suitable experiment to verify the two input logical operations using PLC. 4. Write a ladder logic program to turn on and turn off a conveyor motor using push button logic	**Mr. K.Mohammed Fareed** Jr.Project Engineer Ingenious Power & Control Systems (IPCS), Salem. **Mr.S.Govindasamy** Assistant Professor/ EEE Narasu's Sarathy Institute of Technology
Day 3: Unit III (24.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Operation with Timers and Counters Timer instructions, ON delay timer instruction, OFF-Delay timer instruction, Retentive Timer + Concept of data types - Sequential logical functions - Industrial process timing applications. Counter Instructions, Up-counter, down counter, Up-Down counter, Combining counter and timer functions for Industrial Applications. **Practicals:** 5. Program a single output lamp to oscillate ON/OFF on 3 second intervals using timer function in PLC. 6. Write a ladder logic program for a star-delta starter operation using timer function in PLC. 7. Write a ladder logic program for a car parking station with PLC using an up-down counter.	**Mr.D.Chinnadurai** Managing Director, Sky Power Solution, Salem **Dr.K.Arutselvan** Associate Professor/ EEE Narasu's Sarathy Institute of Technology

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
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of Technology
Poosaripatty, SALEM - 636 305.

Day 4: Unit IV (25.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Arithmetic and Analog Processing Addition, Subtraction, Multiplication, Division, Increment, Decrement- Integer, Byte, Double Word - Introduction to Analog Processing, Types of PLC Analog Modules and Systems, PLC Analog Signal Processing with Conversion blocks, PLC Analog Application Examples. **Practicals:** 8. Program a batch processing process for a parallel conveyor operation and sum the outputs to obtain an end product count. 9. Write a ladder logic program for a heat exchanger system for the following conditions a) For temperature less than 80 degree - Heat exchanger ON b) For temperature greater than 80 degree less than 90 degree Heat exchanger OFF. Cooler 1 ON, c) For temperature greater than 90 degree less than 100 degree Heat exchanger OFF, Cooler 1 ON, Cooler 2 ON, ON, Cooler 2 ON, Alarm ON.	**Mr. K.Mohammed Fareed** Jr.Project Engineer Ingenious Power & Control Systems (IPCS), Salem. **Mr.S.Suresh** Assistant Professor/ EEE Narasu's Sarathy Institute of Technology

Day 5: Unit V (26.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Arithmetic and Analog Processing Addition, Subtraction, Multiplication, Division, Increment, Decrement- Integer, Byte, Double Word - Introduction to Analog Processing, Types of PLC Analog Modules and Systems, PLC Analog Signal Processing with Conversion blocks, PLC Analog Application Examples. **Practicals:** 8. Program a batch processing process for a parallel conveyor operation and sum the outputs to obtain an end product count. 9. Write a ladder logic program for a heat exchanger system for the following conditions a) For temperature less than 80 degree - Heat exchanger ON b) For temperature greater than 80 degree less than 90 degree Heat exchanger OFF. Cooler 1 ON, c) For temperature greater than 90 degree less than 100 degree Heat exchanger OFF, Cooler 1 ON, Cooler 2 ON, ON, Cooler 2 ON, Alarm ON.	**Mr. K.Mohammed Fareed** Jr.Project Engineer Ingenious Power & Control Systems (IPCS), Salem. **Mr.S.Suresh** Assistant Professor/ EEE Narasu's Sarathy Institute of Technology

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, Salem-636 308.

Off: 22357077 / 73
22357074
Fax / Dir : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. S.HOSIMIN THILAGAR
DIRECTOR
Letter No:1105/AU/EVA/CAC/2021

09.04.2021

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub : A.U. - CAC – Affiliated Institutions – Value Added Courses – Reg.

Ref: Mail received from the Head, Department of EEE, Narasu's Sarathy Institute of Technology, dated. 08.04.2021 & 09.04.2021.

******

With reference to the letter cited above, course code is allotted for the Value Added Course as mentioned below:

S.No	Code Allotted	Title	L T P C
1.	EVA005	Industrial Automation with PLC	0 0 2 1

This is for your kind information and necessary action at your end.

Yours faithfully,

9/4/2021

DIRECTOR

Copy to:
1. The Chairperson, Faculty of Electrical Engineering, Anna University, Chennai - 25.
2. The Principal, Narasu's Sarathy Institute of Technology, Poosaripatty, Kadayampatti Taluk, Salem – 636 305.
3. The Stock File.

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
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of Technology
Poosaripatty, Salem - 636 305.

kv

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admin@nsit.edu.in,www.nsit.edu.in

		Value Added Course	
Document ID:	**2020-21/EVEN/NSIT/EEE/VAP/001**	**Document Name:**	**Circular**

Date: 14.04.2021

Circular

The Department of Electrical and Electronics Engineering has planned to conduct online Value Added Course for Five days from **22.04.2021 to 26.04.2021** for Third & Second EEE students on "**Industrial Automation with PLC** " The duration of the course is **30 hours**. The students those who are willing can attend the Course students from other department can also attend the course if it is relevant to them. The students are instructed to utilize the opportunity and build their knowledge. The concerned CC's (Third Year) are requested to encourage the students for maximum participants.

Venue: Online mode

Co-ordinator
S.Govindasamy

HoD
Dr.K.Arutselvan

Principal
Dr. V. Munusami

Copy to:

- Chairman/ Vice Chairman/Pro Chairman
- All Department HOD's
- All Class Advisors (ECE)
- Main Notice board / Library Notice board / Office
- IQAC

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admin@nsit.edu.in,www.nsit.edu.in

Department of Electrical & Electronics Engineering

Organizes

Online Certificate Course on

Industrial Automation with PLC

ORGANIZING COMMITTEE

Chief Patrons

Mr. B. Nitish Harihar
Chairman
NSIT

Mrs.Aishwarya Nitish
Pro Chairman
NSIT

Thiru. G. Prabakaran
Vice Chairman & Secretary,
NSIT

Patron
Dr.V. Munusami
Principal,
NSIT

Convener
Dr.K.Arutselvan
HOD/EEE
NSIT

Co-ordinator
Mr.S.Govindasamy
Assistant Professor
Department of Electrical & Electronics Engineering
Narasu's Sarathy Institute of Technology.
govindasamys@nsit.edu.in

COURSE CONTENT

OBJECTIVES:

To impart knowledge about the following topics.

- To facilitate the understanding of Programmable Logic Controllers in Automation Industries.

DAY I - PLC & Components Introduction - Various parts of a PLC: CPU and Programmer, input & output modules, it memory and processor - Power Supplies - I/O specifications – Advantages & Disadvantages.

Practicals:

1. Experimental verification of basic Relay operations with PLC.
2. Design and selection of power supply and I/O configuration.

DAY II - Basics of PLC Programming The Binary Concept - Boolean algebra - ladder logic program for Logical gates - Push Button & Toggle Switches - Latching & Interlock - Flip-flops in PLC.

Practicals:

3. Conduct a suitable experiment to verify the two input logical operations using PLC.
4. Write a ladder logic program to turn on and turn off a conveyor motor using push button logic

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Practicals:

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6. Write a ladder logic program for a star-delta starter operation using timer function in PLC.
7. Write a ladder logic program for a car parking station with PLC using an up-down counter.

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c) For temperature greater than 90 degree less than 100 degree Heat exchanger OFF, Cooler 1 ON, Cooler 2 ON, ON, Cooler 2 ON, Alarm ON.

DAY V - Interfacing PLC to HMI & SCADA Introduction of HMI (Hardware and Software), Advantages - HMI real time application for industry process evolution SCADA architectures –MTU - RTU Operator Interface - creating Interface Displays for Industrial applications.

Practicals:

10. Design a four pole traffic control system with following timing values and to provide a graphical interface using a HMI operator panel. Timings: GREEN = 10 sec, YELLOW = 5 sec. 11. Study and design of SCADA window using Wincc for a paint mixer tank with two input colors.

Total Periods:30 Hours

OUTCOME: The student would be able to apply the tools and techniques of Industrial Automation field and able to program and control the PLC's.

RESOURCE PERSON

Mr. K.Mohammed Fareed
Jr. Project Engineer,
Ingenious Power & Control Systems (IPCS), Salem.

Mr.D.Chinnadurai
Managing Director, Sky Power Solution, Salem

Dr.K.Arutselvan
Associate Professor/ EEE NSIT

Mr.S.Govindasamy
Assistant Professor/ EEE, NSIT

Mr.S.Suresh
Assistant Professor/ EEE, NSIT

DATE : 22/04/2021 - 26/04/2021
DURATION : 30 Hours

Google Meet
http://meet.google.com/enn-abpo-jit

Requisition letter

14/04/2021

From

Dr.K.Arutselvan
Professor & Head,
Department of EEE,
NSIT, Salem.

To

The Principal,
NSIT, Salem.

Permitted

Respected Sir,

Sub: Permission to conduct Vaule added course-reg.

Department of Electrical and Electronics Engineering is planned to conduct value added courses for the Academic Year 2020-21 EVEN Semester as per the recommendation of member. In this regard kindly accord permission to conduct certificate course as per the schedule given below,

Name of the Course: **Industrial Automation with PLC**

Duration: 5 days (22.04.2021-26.04.2021)

Thanking You

Yours faithfully,

14/4/21

(Dr. Arutselvan)

S.NO	Register no	Students name
1	611718105001	Abirami K
2	611718105002	Anusiya B
3	611718105003	Ashokkumar R
4	611718105004	Bhuvaneshwari N
5	611718105005	Devadharshini S
6	611718105006	Govintharaj V
7	611718105007	Gowthami N
8	611718105008	Gunavarma G
9	611718105009	Imran.J
10	611718105011	Kamalesh K
11	611718105012	Kaviya S
12	611718105013	Logeshwaran G
13	611718105014	Manju S
14	611718105015	Manojkumar V
15	611718105016	Manoranjith V P
16	611718105017	Mohammed Toshief M V
17	611718105018	Mohan M
18	611718105020	Mouliprasath.C
19	611718105021	Naveenkumar P
20	611718105022	Premusdass.D
21	611718105023	Rajakumar.M
22	611718105024	Ramya B
23	611718105025	Ramya R
24	611718105026	Renugadevi A
25	611718105027	Saranya D
26	611718105028	Sathishkumar M
27	611718105030	Senji V
28	611718105031	Senthilkumar K
29	611718105032	Soundharya M
30	611718105033	Swathika V
31	611718105034	Swetha S
32	611718105035	Swetha V
33	611718105301	G.Prakash

Co-ordinator
S.Govindasamy

HoD
Dr.K.Arutselvan

Principal
Dr. V. Munusami

Value Added Course Repot- Industrial Automation using PLC

The Department of EEE, NSIT. Organized "Value added course on Industrial Automation using PLC during 22/04/2021 TO 26/04/2021 conducted through online mode due to covid'19 pandemic.

The main objective of this course was to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation.

The idea of organizing this programme was to teach the basic fundamentals of automation in the students and provide them with a platform to work on, In The Near Future. The Most Used Guiding Force Behind an Automated Industrial Plant Is A "Programmable Logic Controller" Generally Known As A PLC. PLCs Along With Certain Other Necessary Ingredients Like Sensors, Motors, Actuators, Valves, Conveyors, Boilers, SCADA Systems, Computers & Many More, Makes A Real Automated Manufacturing Plant.

The Five Days intensive course on Industrial automation product (PLC System & SCADA software) has been conducted by IPCS, Kerala to involve students in a cohesive drive with the academia and industry towards excellence in automation product technology. This course was an attempt to cover material relevant to giving students necessary knowledge and skill set to appreciate the rapid changing scenario in automation systems and take advantage of this in their future career. Practical/laboratory sessions are held online, which will supplement the knowledge disseminated during the lecture sessions with adequate hands on experience. Courses support in instructor-lead, lab-intensive courses focused on the practical application of technologies through the facilitation of a project-related lab.

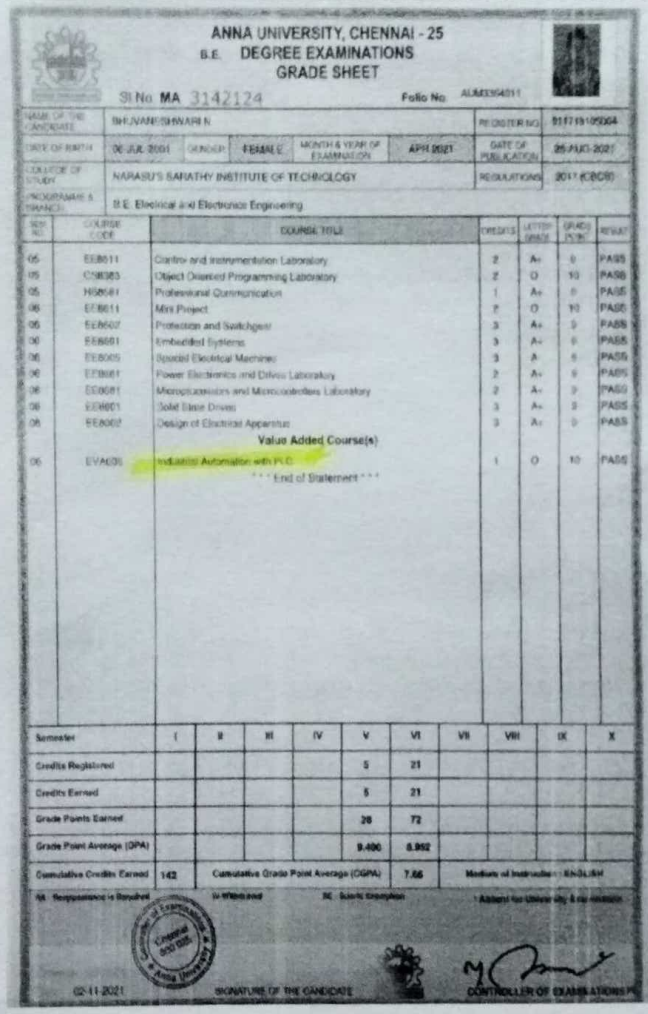
All the faculty and staff members actively participated in the event to make it a grand success.

Co-ordinator
S.Govindasamy

HoD
Dr.K.Arutselvan

Principal
Dr. V. Munusami

Sample Certificate



ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl No: MA 3142124 Folio No. AUM3304011

NAME OF THE CANDIDATE	BHUVANESHWARI N				REGISTER NO.	811719105004
DATE OF BIRTH	06-JUL-2001	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Electrical and Electronics Engineering						

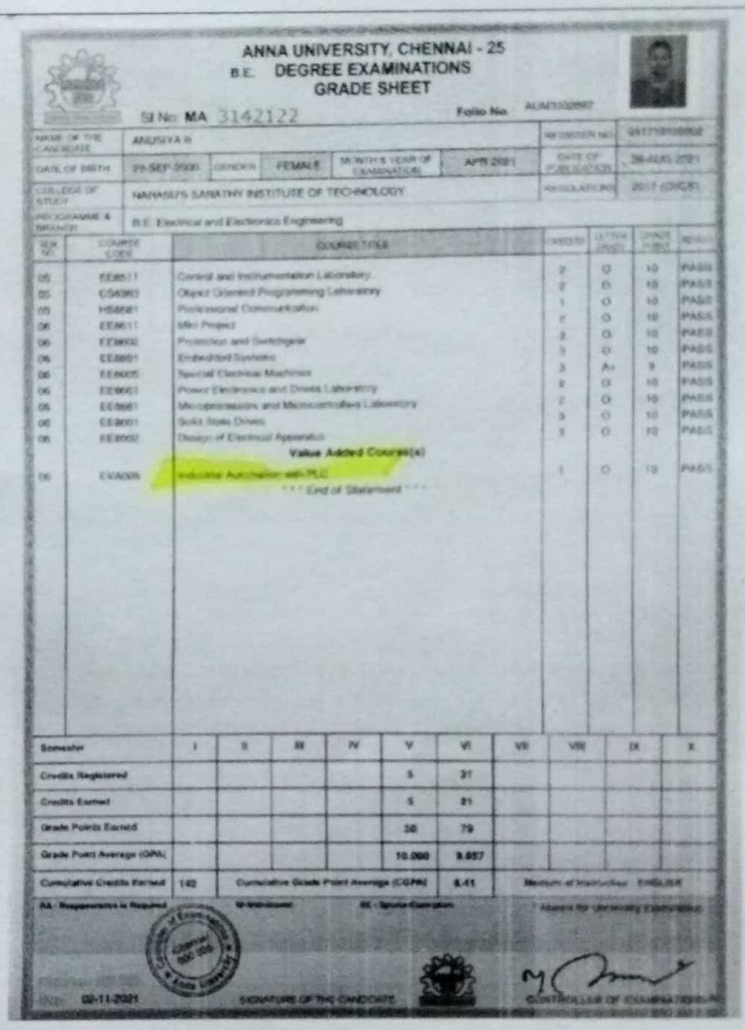
SEM NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	EE8611	Control and Instrumentation Laboratory	2	A+	9	PASS
05	CS8383	Object Oriented Programming Laboratory	2	O	10	PASS
05	HS8581	Professional Communication	1	A+	9	PASS
06	EE8611	Mini Project	2	O	10	PASS
06	EE8602	Protection and Switchgear	3	A+	9	PASS
06	EE8601	Embedded Systems	3	A+	9	PASS
06	EE8005	Special Electrical Machines	3	A	8	PASS
06	EE8681	Power Electronics and Drives Laboratory	2	A+	9	PASS
06	EE8681	Microprocessors and Microcontrollers Laboratory	2	A+	9	PASS
06	EE8001	Solid State Drives	3	A+	9	PASS
06	EE8002	Design of Electrical Apparatus	3	A+	9	PASS
		Value Added Course(s)				
06	EVA005	Industrial Automation with PLC	1	O	10	PASS

*** End of Statement ***

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					5	21				
Credits Earned					5	21				
Grade Points Earned					38	72				
Grade Point Average (GPA)					9.400	8.952				
Cumulative Credits Earned	142	Cumulative Grade Point Average (CGPA)			7.66	Medium of Instruction: ENGLISH				

RA - Reappearance is Required W-Withdrawn SE - Scarce Exemption * Absent for University Examination

02-11-2021 SIGNATURE OF THE CANDIDATE CONTROLLER OF EXAMINATIONS



ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl No: MA 3142122 Folio No. AUM3302997

NAME OF THE CANDIDATE	ANUSIYA B				REGISTER NO.	811719106002
DATE OF BIRTH	29-SEP-2000	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Electrical and Electronics Engineering						

SEM NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	EE8611	Control and Instrumentation Laboratory	2	O	10	PASS
05	CS8383	Object Oriented Programming Laboratory	2	O	10	PASS
05	HS8581	Professional Communication	1	O	10	PASS
06	EE8611	Mini Project	2	O	10	PASS
06	EE8602	Protection and Switchgear	3	O	10	PASS
06	EE8601	Embedded Systems	3	O	10	PASS
06	EE8005	Special Electrical Machines	3	A+	9	PASS
06	EE8681	Power Electronics and Drives Laboratory	2	O	10	PASS
06	EE8681	Microprocessors and Microcontrollers Laboratory	2	O	10	PASS
06	EE8001	Solid State Drives	3	O	10	PASS
06	EE8002	Design of Electrical Apparatus	3	O	10	PASS
		Value Added Course(s)				
06	EVA005	Industrial Automation with PLC	1	O	10	PASS

*** End of Statement ***

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					5	21				
Credits Earned					5	21				
Grade Points Earned					50	79				
Grade Point Average (GPA)					10.000	9.857				
Cumulative Credits Earned	142	Cumulative Grade Point Average (CGPA)			8.41	Medium of Instruction: ENGLISH				

RA - Reappearance is Required W-Withdrawn SE - Scarce Exemption * Absent for University Examination

02-11-2021 SIGNATURE OF THE CANDIDATE CONTROLLER OF EXAMINATIONS

Co-ordinator
S.Govindasamy

HoD
Dr.K.Arutselvan

Principal
Dr. V. Munusami

Narasu's Sarathy
Institute of Technology
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Salem Bangalore Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636 309.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56093,
admin@nsit.edu.in, www.nsit.edu.in

Certificate Course			
Document ID:	**2020-21/ODD/NSIT/EEE/CC/001**	**Document Name:**	**Circular**

Date: 28.09.2020

Circular

The Department of Electrical and Electronics Engineering has planned to conduct online certificate course for Five days from **12.10.2020 to 16.10.2020** for second and final year EEE students on **"DIALux Software "** The duration of the course is **30 hours**. The students those who are willing can attend the Course students from other department can also attend the course if it is relevant to them. The students are instructed to utilize the opportunity and build their knowledge. The concerned CC's (Second Year and Final Year) are requested to encourage the students for maximum participants.

Venue: Online mode

Co-ordinator	**HoD**	**Principal**
S.Govindasamy	Dr.K.Arutselvan	Dr. V. Munusami

Copy to:

- Chairman/ Vice Chairman/Pro Chairman
- All Department HOD's
- All Class Advisors (ECE)
- Main Notice board / Library Notice board / Office
- IQAC

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admin@nsit.edu.in,www.nsit.edu.in

Department of Electrical & Electronics Engineering

Organizes

Online Certificate Course on

ORGANIZING COMMITTEE

Chief Patrons
Mr. B. Nitish Harihar
Chairman
NSIT

Mrs.Aishwarya Nitish
Pro Chairman
NSIT

Thiru. G. Prabakaran
Vice Chairman & Secretary
NSIT

Patron
Dr.V. Munusami
Principal
NSIT

Convener
Dr.K.Arutselvan
HOD/EEE
NSIT

Co-ordinator
Mr.S.Govindasamy
Assistant Professor
Department of Electrical & Electronics Engineering
Narasu's Sarathy Institute of Technology
govindasamy.s@nsit.edu.in

COURSE CONTENT

INDOOR AREAS DESIGN

Plan light for complex architecture. From entire buildings with several floors to single rooms

OUTDOOR AREAS DESIGN

Plan individual outdoor scenes like green areas, paths, parking spaces or road lighting

IN- & EXTERIOR DESIGN

Interior lighting affects the exterior and how exterior planning affects the interior

ARTIFICIAL & DAYLIGHT DESIGN

Combine artificial and daylight for different light scenes and create a unique atmosphere

LIGHT DISTRIBUTION

Get information about the light distribution by means of value graphics and false colors

STANDARDS

Plan your project considering important requirements such as current standards

RESOURCE PERSON

Mr.M.Parthiban
Manager, Caliber Embedded System, Salem-Branch.

Mr.D.Chinnadurai
Managing Director, Sky Power Solution, Salem

Mr.M.Yuvaraj
Design Engineer Megawin Switch Gear, Salem

Dr.K.Arutselvan
Associate Professor/ EEE NSIT

Mr.S.Govindasamy
Assistant Professor/ EEE, NSIT

Mr.S.Suresh
Assistant Professor/ EEE, NSIT

DATE : 12/10/2020 - 16/10/2020
DURATION : 30 Hours

Google Meet
http://meet.google.com/enn-abpo-spt

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admin@nsit.edu.in,www.nsit.edu.in

Certificate Course			
Document ID:	**2020-21/ODD/NSIT/EEE/CC/001**	**Document Name:**	**Syllabus (30 hrs)**

Date: 28.09.2020

S.NO	SYLLABUS
1	**INDOOR AREAS DESIGN** • Plan light for complex architecture. From entire buildings with several floors to single rooms
2	**OUTDOOR AREAS DESIGN** • Plan individual outdoor scenes like green areas, paths, parking spaces or road lighting
3	**IN- & EXTERIOR DESIGN** • Interior lighting affects the exterior and how exterior planning affects the interior
4	**ARTIFICIAL & DAYLIGHT DESIGN** • Combine artificial and daylight for different light scenes and create a unique atmosphere
5	**LIGHT DISTRIBUTION** • Get information about the light distribution by means of value graphics and false colors
6	**STANDARDS** • Plan your project considering important requirements such as current standards
7	TEST

Co-ordinator	HoD	Principal
S.Govindasamy	Dr.K.Arutselvan	Dr. V. Munusami

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Document ID:	**2020-21/ODD/NSIT/EEE/CC/001**	**Document Name:**	**Requisition Letter**

28/09/2020

From

Dr.K.Arutselvan
ASP & Head,
Department of EEE,
NSIT, Salem.

Permitted
28.09.2020

To

The Principal,
NSIT, Salem.

Respected Sir,

Sub: Permission to conduct Certificate course_Reg:-

Department of Electrical and Electronics Engineering is planned to conduct certification courses for the Academic Year 2020-21 ODD Semester as per the recommendation of department faculty members. In this regard kindly accord permission to conduct certification course as per the schedule given below,

Name of the Course: **DIALux Software**
Duration: 5 days (12.10.2020 -16.10.2020)

This program will assist the students to improve their career to become a software Professional and enhance students' quality and competency. This Certification will help them to get placed in eminent companies.

Students are keen enough to attend the certificate program. Hence, we request your permission to organize the above course.

Thanking You

Yours faithfully,

28/9/20

(K. Arutselvan)

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admin@nsit.edu.in,www.nsit.edu.in

Certificate Course

Day 1: INDOOR AREAS DESIGN (12.10.2020)

Time	Topic Name	Trainer
09:00 – 16:45	Plan light for complex architecture. From entire buildings with several floors to single rooms	Mr.M.Parthiban Manager, Caliber Embedded System, Salem-Branch. Mr.S.Govindasamy Assistant Professor/ EEE Narasu's Sarathy Institute of Technology

Day 2: OUTDOOR AREAS DESIGN (13.10.2020)

Time	Topic Name	Trainer
09:00 – 16:45	Plan individual outdoor scenes like green areas, paths, parking spaces or road lighting	Mr.M.Parthiban Manager,Caliber Embedded System, Salem-Branch. Mr.S.Govindasamy Assistant Professor/ EEE Narasu's Sarathy Institute of Technology

Day 3: IN- & EXTERIOR DESIGN (14.10.2020)

Time	Topic Name	Trainer
09:00 – 16:45	IN- & EXTERIOR DESIGN Interior lighting affects the exterior and how exterior planning affects the interior	Mr.D.Chinnadurai Managing Director, Sky Power Solution, Salem Dr.K.Arutselvan Associate Professor/ EEE Narasu's Sarathy Institute of Technology

Day 4: ARTIFICIAL & DAYLIGHT DESIGN (15.10.2020)

Time	Topic Name	Trainer
09:00 – 16:45	ARTIFICIAL & DAYLIGHT DESIGN Combine artificial and daylight for different light scenes and create a unique atmosphere	Mr.D.Chinnadurai Managing Director, Sky Power Solution, Salem Dr.K.Arutselvan Associate Professor/ EEE Narasu's Sarathy Institute of Technology

Day 5: LIGHT DISTRIBUTION & STANDARDS (16.10.2020)

Time	Topic Name	Trainer
09:00 – 16:45	LIGHT DISTRIBUTION Get information about the light distribution by means of value graphics and false colors STANDARDS Plan your project considering important requirements such as current standards	Mr.M.Yuvaraj Design Engineer Megawin Switch Gear, Salem Mr.S.Suresh Assistant Professor/ EEE Narasu's Sarathy Institute of Technology

Co-ordinator **HoD** **Principal**

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Document ID:	2020-2021/ODD/NSIT/EEE/CC 01	Document Name:	Question Paper for Certificate course
Programme:	BE	Branch:	EEE
Time Duration:	1 Hour	Marks:	50
Academic year:	2020-2021	Date:	16.10.2020

Part-A 10*5=50 Marks

1. What is DIALux used for?
2. Which software is best for lighting design?
3. Is DIALux a free software?
4. What is the latest version of DIALux?
5. Which is better DIALux vs relux?
6. What tools do lighting designers use?
7. Who made DIALux?
8. How do you calculate Lux?
9. How much is DIALux pro?
10. Design lighting system for a 1000 sqft buildings with 2 floors.

16/10
Course Coordinator

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, S... 636 305.

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Document ID:	2020-2021/ODD/NSIT/EEE/CC 01	Document Name:	Attendance for Ceertificate course
Programme:	BE	Branch:	EEE
Academic year:	2020-2021	Date:	12.10.2020

S. NO	Register no	Students Name	12.10.20		13.10.20		14.10.20		15.10.20		16.10.20	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	611719105001	P. BLESSY EBENEZER	/	/	/	/	/	/	/	/	/	/
2	611719105003	M. DHANUSHKUMAR	/	/	/	/	/	/	/	/	/	/
3	611719105004	J. DHARSHANRAJ	/	/	/	/	/	/	/	/	/	/
4	611719105005	E.DINESH KUNAR	/	/	/	/	/	/	/	/	/	/
5	611719105006	B.GOKUL	/	/	a	a	/	/	/	/	/	/
6	611719105007	P.GOKULAPRIYAN	/	/	/	/	/	/	/	/	/	/
7	611719105008	V.GOKUL VIJAYA RAJ	/	/	/	/	/	/	/	/	a	a
8	611719105009	V. JEYA KRISTA GRACE	/	/	/	/	/	/	/	/	/	/
9	611719105010	D. KARTHIK	/	/	/	/	/	/	/	/	/	/
10	611719105011	M.MOULISHWAR	/	/	/	/	/	/	/	/	/	/
11	611719105012	K. NANDHA	/	/	/	/	/	/	/	/	/	/
12	611719105013	V. PRAVEEN KUMAR	/	/	/	/	/	/	a	a	/	/
13	611719105014	M.PRIYADHARSHINI	/	/	/	/	/	/	/	/	/	/
14	611719105015	K.ROSHI	/	/	/	/	/	/	/	/	/	/
15	611719105017	SUGANYA.S	/	/	/	/	/	/	/	/	/	/
16	611719105018	G.TAMILARASU	/	/	/	/	/	/	/	/	/	/
17	611719105019	T.VALARMATHI	a	a	/	/	/	/	/	/	/	/
18	611719105020	R.VIMALRAJ	/	/	/	/	/	/	/	/	/	/
19	611719105301	C.KAVIN	/	/	/	/	a	a	/	/	/	/
20	611719105302	S.PARTHIPAN	/	/	/	/	/	/	/	/	/	/
21	611719105303	S.THENMOZHI	/	/	/	/	/	/	/	/	/	/
22	611717105001	BHARATHIRAJA C	/	/	a	a	/	/	/	/	/	/
23	611717105002	DHANAPAL T	/	/	/	/	/	/	/	/	/	/
24	611717105003	DHINESHKUMAR M	/	/	/	/	/	/	/	/	/	/
25	611717105004	GOWRI V	/	/	/	/	/	/	/	/	/	/
26	611717105005	JAISRIRAM K	/	/	/	/	/	/	/	/	/	/
27	611717105006	JAYAPRIYA A	/	/	/	/	/	/	a	a	/	/

28	611717105007	JEEVANANTHAM K	/	/	/	/	/	/	/	/	/	/
29	611717105008	KARMEGAM S	/	/	/	/	/	/	/	/	/	/
30	611717105009	KASHIFA SHALINI K	/	/	/	/	/	/	/	/	/	/
31	611717105010	KESAVAN K	/	/	/	/	/	/	/	/	/	/
32	611717105011	LINGESHWARAN S	/	/	/	/	a	a	/	/	/	/
33	611717105012	LOGANATHAN R	/	/	/	/	/	/	/	/	/	/
34	611717105013	MUNIYAPPAN K	/	/	/	/	/	/	a	a	/	/
35	611717105014	NANDHINI K	/	/	/	/	/	/	/	/	/	/
36	611717105016	NIVETHA N	/	/	/	/	/	/	/	/	/	/
37	611717105018	PUSHPAKARAN P	a	a	/	/	/	/	/	/	/	/
38	611717105019	RAMALINGAM P	/	/	/	/	/	/	/	/	/	/
39	611717105020	REVATHI S	/	/	/	/	/	/	/	/	/	/
40	611717105021	SANTHOSH V	/	/	/	/	/	/	/	/	/	/
41	611717105022	SATHISH KUMAR M	/	/	/	/	/	/	/	/	/	/
42	611717105023	SHRUTHA KEERTHI K	/	/	a	a	/	/	/	/	/	/
43	611717105024	SURYANARAYANAN A	/	/	/	/	/	/	/	/	/	/
44	611717105025	TAMILARASU P	/	/	/	/	/	/	/	/	/	/
45	611717105026	VIGNESH M	/	/	/	/	/	/	/	/	/	/
46	611717105027	VIGNESH S	/	/	/	/	/	/	/	/	/	/
47	611717105028	VIKASH K	/	/	/	/	/	/	/	/	a	a
48	611717105303	JAYAPRAKASH C	/	/	/	/	/	/	/	/	/	/
49	611717105304	JEREM M	/	/	/	/	/	/	/	/	/	/
50	611717105305	JOHN DENISH C	/	/	/	/	/	/	/	/	/	/
51	611717105306	VIGNESH M	/	/	/	/	/	/	/	/	/	/
52	611717105701	ABINANTHAN A	/	/	/	/	/	/	/	/	/	/
53	611717105702	VALLARASU N	/	/	/	/	/	/	a	a	/	/
54	611717105704	VAIRAVEL P	/	/	/	/	/	/	/	/	/	/
		No of Students Present	52	52	51	51	52	52	50	50	52	52
		No of Students Absent	02	02	03	03	02	02	04	04	02	02
		Coordinator Sign										

Co-ordinator

S.Govindasamy

HoD

Dr.K.Arutselvan

Principal 16.10.2020

Dr. V. Munusami

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Document ID:	2020-2021/ODD/NSIT/EEE/CC 01	Document Name:	Mark Staement for Certificate Course
Programme:	BE	Branch:	EEE
Academic year:	2020-2021	Date:	16.10.2020

S.NO	Register no	Students name	Marks
1	611719105001	P. BLESSY EBENEZER	46
2	611719105003	M. DHANUSHKUMAR	48
3	611719105004	J. DHARSHANRAJ	43
4	611719105005	E.DINESH KUNAR	47
5	611719105006	B.GOKUL	45
6	611719105007	P.GOKULAPRIYAN	42
7	611719105008	V.GOKUL VIJAYA RAJ	46
8	611719105009	V. JEYA KRISTA GRACE	44
9	611719105010	D. KARTHIK	43
10	611719105011	M.MOULISHWAR	45
11	611719105012	K. NANDHA	42
12	611719105013	V. PRAVEEN KUMAR	45
13	611719105014	M.PRIYADHARSHINI	46
14	611719105015	K.ROSHI	45
15	611719105017	SUGANYA.S	47
16	611719105018	G.TAMILARASU	43
17	611719105019	T.VALARMATHI	47
18	611719105020	R.VIMALRAJ	42
19	611719105301	C.KAVIN	40
20	611719105302	S.PARTHIPAN	42
21	611719105303	S.THENMOZHI	43
22	611717105001	BHARATHIRAJA C	45
23	611717105002	DHANAPAL T	40
24	611717105003	DHINESHKUMAR M	38
25	611717105004	GOWRI V	39
26	611717105005	JAISRIRAM K	40
27	611717105006	JAYAPRIYA A	41
28	611717105007	JEEVANANTHAM K	43

29	611717105008	KARMEGAM S	39
30	611717105009	KASHIFA SHALINI K	40
31	611717105010	KESAVAN K	46
32	611717105011	LINGESHWARAN S	38
33	611717105012	LOGANATHAN R	40
34	611717105013	MUNIYAPPAN K	42
35	611717105014	NANDHINI K	39
36	611717105016	NIVETHA N	42
37	611717105018	PUSHPAKARAN P	38
38	611717105019	RAMALINGAM P	43
39	611717105020	REVATHI S	45
40	611717105021	SANTHOSH V	45
41	611717105022	SATHISH KUMAR M	47
42	611717105023	SHRUTHA KEERTHI K	45
43	611717105024	SURYANARAYANAN A	40
44	611717105025	TAMILARASU P	39
45	611717105026	VIGNESH M	40
46	611717105027	VIGNESH S	39
47	611717105028	VIKASH K	42
48	611717105303	JAYAPRAKASH C	39
49	611717105304	JEREM M	44
50	611717105305	JOHN DENISH C	39
51	611717105306	VIGNESH M	47
52	611717105701	ABINANTHAN A	46
53	611717105702	VALLARASU N	45
54	611717105704	VAIRAVEL P	44

Co-ordinator

S.Govindasamy

HoD 16/10/20

Dr.K.Arutselvan

Principal 16.10.2020

Dr. V. Munusami

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH – 7, Poosaripatty, Kadayampatty Taluk, Salem – 636308. Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in		Certificate Course	
Document ID:	2020-2021/ODD/NSIT/EEE/CC 01	Document Name:	Feedback Form
Programme:	BE	Branch:	EEE
Academic year:	2020-2021	Date:	16.10.2020

FEEDBACK FORM

Name of the student: Divetha.D Course Title: Dialux software.

Date 12.10.20 to 16.10.20 For each of the following areas, please indicate your reaction:

Content	Excellent	Good	Needs Improvement	Not Applicable
Covered Useful Material	[✓]	[ ]	[ ]	[ ]
Practical to My Needs and Interests	[✓]	[ ]	[ ]	[ ]
Well Organized	[✓]	[ ]	[ ]	[ ]
Presented at the Right Level	[ ]	[✓]	[ ]	[ ]
Effective Activities	[✓]	[ ]	[ ]	[ ]
Useful Visual Aids and Handouts	[ ]	[✓]	[ ]	[ ]

Presentation	Excellent	Good	Needs Improvement	Not Applicable
Instructor's Knowledge	[✓]	[ ]	[ ]	[ ]
Instructor's Presentation Style	[ ]	[✓]	[ ]	[ ]
Instructor Covered Material Clearly	[✓]	[ ]	[ ]	[ ]
Instructor Responded Well to Questions	[✓]	[ ]	[ ]	[ ]

How could this course training be improved?

Any other comments or suggestions?

— nil —

Overall, how would you evaluate this Course training session?

Good.

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admin@nsit.edu.in, www.nsit.edu.in

IEEE
NSIT Student Branch

CERTIFICATE

OF PARTICIPATION

This is to Certify that K. JAISRIRAM IV/EEE

has participated in the Certification Course on "DIALUX SOFTWARE" organized by Department of Electrical and Electronics Engineering , Narasu's Sarathy Institute of Technology, Salem. on 12.10.2020 to 16.10.2020.

Head - EEE

Attested

Principal

Dr. V. MUNUSAMI, M.E., Ph.D.
PRINCIPAL
Narasu's Sarathy Institute of Technology
SALEM - 636 305.

Narasu's Sarathy
Institute of Technology

IEEE
NSIT Student Branch

CERTIFICATE

OF PARTICIPATION

This is to Certify that P. GOKULAPRIAN II /EEE

has participated in the Certification Course on "DIALUX SOFTWARE" organized by Department of Electrical and Electronics Engineering , Narasu's Sarathy Institute of Technology, Salem. on 12.10.2020 to 16.10.2020.

Head - EEE

Attested

Principal

Narasu's Sarathy
Institute of Technology
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Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

IEEE
NSIT Student Branch

CERTIFICATE

OF PARTICIPATION

This is to Certify that S. KARMEGAM IV/EEE

has participated in the Certification Course on "DIALUX SOFTWARE" organized by Department of Electrical and Electronics Engineering , Narasu's Sarathy Institute of Technology, Salem. on 12.10.2020 to 16.10.2020.

Head - EEE

Attested
Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 305.

Principal

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Admin Office: 93440-72274, Admission Cell: 93440-72275,75977-66665,
admin@nsit.edu.in, www.nsit.edu.in

Document ID:	2021-22/ODD/ NSIT/Mech/ Events-1	Document Name:	Requisition- Value Added course

02.04.2021

Submitted to the Principal

Mr.T.Sudhakar,
Associate Professor & Head,
Department of MECH.

Permitted
2.4.21

Respected Sir,

Subject: Req. – To conduct Workshop in Mech Department– Reg.

I would like to inform you that, as the part of the 'Teaching – Learning process' and to obtain Program Educational Objectives MECH department has got approval from Anna University to conduct a Value Added Course to 3rd year & Final Year Mech students. Hence, I kindly request you to approve the above said program for the beneficial for Students. The title is given below. The budget details are attached herewith for your kind perusal.

S.No.	Date (tentative)	No. of Days	Year of the Student	Title of the Value Added Course	No. of Students	Conducted by
1	22.04.21 & 26.04.21	5 days (Module 1)	3rd year & Final Year Mech	MVA002-3D PRINTING	28+6 = 34	Co-Founder Max CADD, Coimbatore

Thanking you,

Yours Sincerely,

Date: 02.04.21
Place: Salem

Attachments
*Approval letter from Anna University

Attested
3.4.22
Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
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Poosaripatty, SALEM - 636 305.

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Narasu's Sarathy Institute of Technology		Department Events	
Document ID:	2021-22/ODD/ NSIT/MECH/ Events-1	Document Name:	Value Added course - Report

VALUE ADDED COURSE REPORT

The Department of Mechanical Engineering **has organized an Anna university approved Value added course on "MVA002-3D PRINTING"** from **22.04.2021 to 23.04.2021 (2 days in Internal mode) and 24.04.21, 25.04.21 & 26.04.21 (3 days in External mode) with additional of 10 hrs.**

Beneficiaries : III and IV Year MECH Students (28+6 = 34)

Venue : CAD Lab , Seminar Hall-1

Course handled by:

Internal faculty members:

1. Mr.T.Sudhakar, Associate Prof & Head/MECH
2. Mr.D.Sivakumar , AP/MECH,

External Faculty Member

3. Er.Mr.Charath Chander Natarajan
   Co-Founder Max CADD, Coimbatore

The topic covered in the first day is Unit-1, Introduction of Cad Modelling, - Software for Additive Manufacturing Technology: MIMICS, MAGICS – Benefits, Liquid Based And Solid Based Rapid Prototyping Systems which was taken by Mr.T.Sudhakar, HOD/MECH.

As per schedule, during the training of 2nd day and 3rd day, the course instructor Mr.T.Sudhakar ASP/MECH, explained in detail about Powder Based Rapid Prototyping Systems. Introduction to Stereolithography Apparatus, Fused deposition Modeling, Laminated object manufacturing; Working Principles, details of processes, products, materials, advantages, limitations and applications - Case studies, Selective Laser Sintering, Laser Engineered Net Shaping, Selective Laser Melting, Electron Beam Melting: Processes, materials, products, advantages, applications and limitations – Case Studies

Attested

3.1.22

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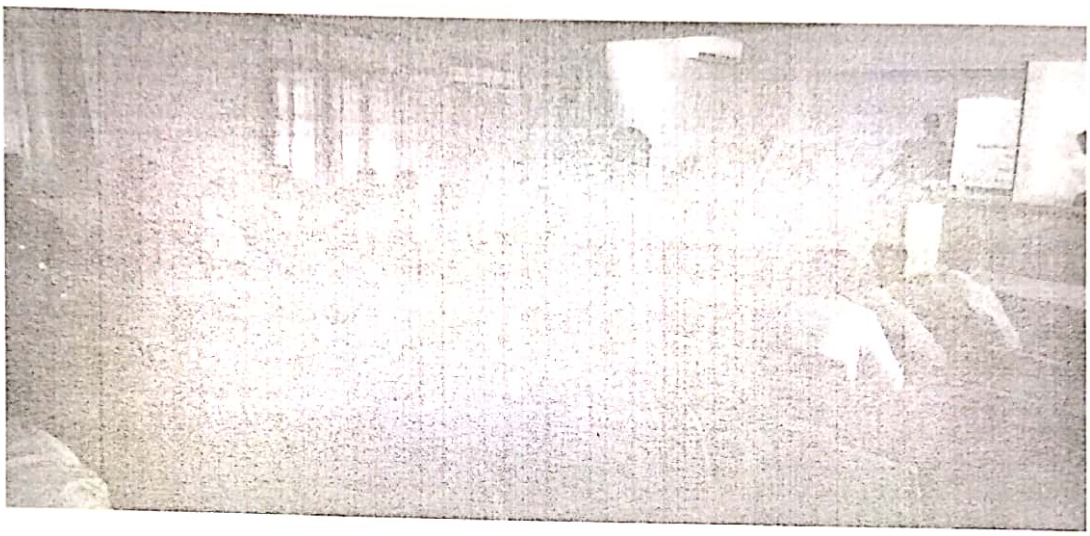
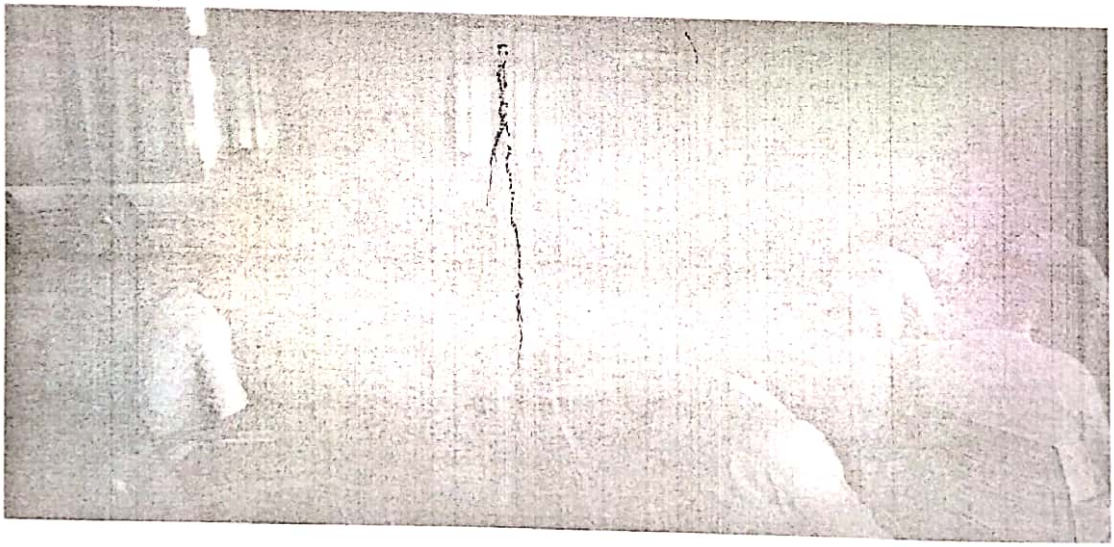
From 26.04.21 to 2.12.21 the external faculty Er.Mr.Charath Chander Natarajan,Co-Founder Max CADD,Coimbatore gave design on training (workshop) through Rapid Manufacturing Process Optimation Mr.P.Divagaran.(IV MECH), Senthilkumar C III year MECH students done a mini project using CAD Modelling and demonstrate to other students. Finally an online assessment conducted for all participants, Mr. Jagan Mohan. D IV MECH student delivered the vote of thanks. The students appreciated the course instructors for their effective training and told the course would be of much useful to them for their project and finding new products as well as for their career.





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1.
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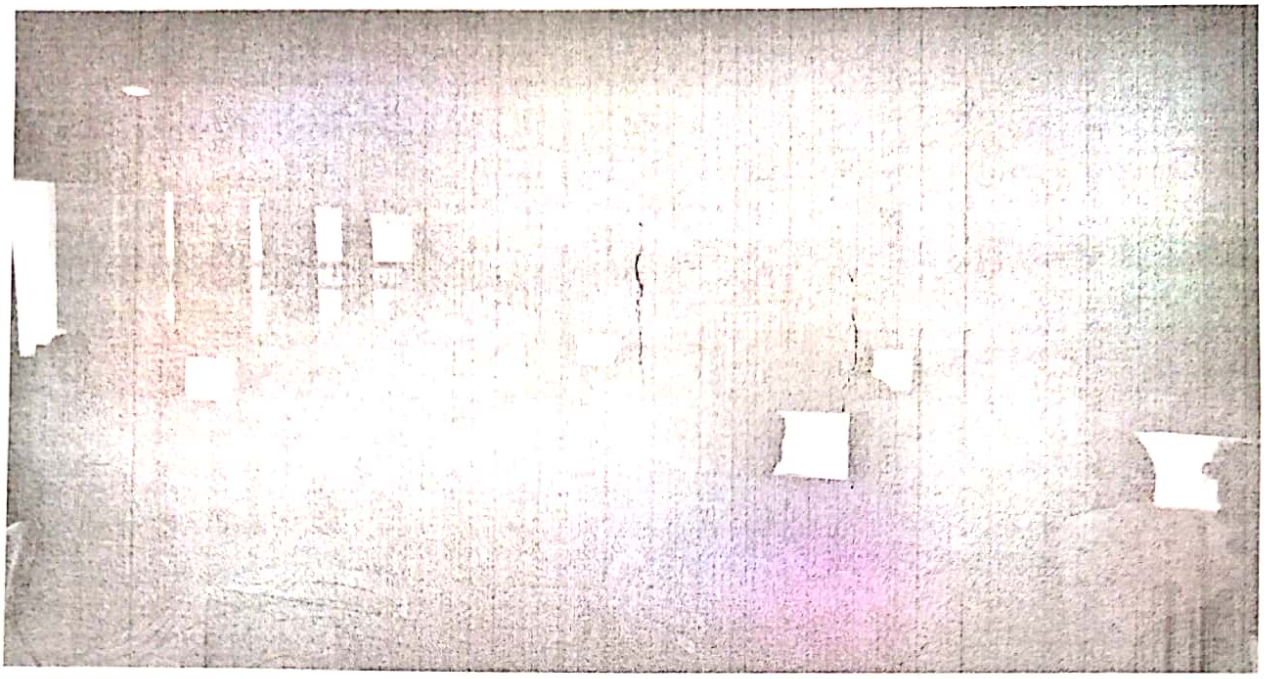

Event Co-Ordinator

HOD

Principal

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

Attendance For Certificate Course

Document ID:	NSIT/MECH/2020-2021/CC-01	Title:	3D PRINTING
Programme:	BE	Branch:	MECH
Academic year:	2020-2021	Date:	02.04.2021

S.No	Register no	Students name	22.04.2021		23.04.2021		24.04.2021		25.04.2021		26.04.2021	
			F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N
1	611718114001	AJITH KUMAR K	/	/	/	/	/	/	/	/	/	/
2	611718114002	ANBARASAN K	/	/	/	a	/	/	/	/	/	/
3	611718114003	ARUN PRAKASH S	/	/	/	/	/	/	/	/	/	/
4	611718114005	DHANUSH KOTI S	/	/	/	/	/	/	/	/	/	/
5	611718114009	GAYATHRI N	/	/	/	/	/	/	/	/	/	/
6	611718114012	GOPIKRISHNA V	/	/	/	/	/	/	/	/	/	/
7	611718114013	GOPINATH R	/	/	/	/	/	/	/	/	/	/
8	611718114014	GOWTHAM PRASATH J	/	/	/	/	/	a	/	/	/	/
9	611718114015	GUNAL.J	/	/	/	/	/	/	/	/	a	/
10	611718114016	GUNASEELAN K	/	/	/	/	a	/	/	/	/	/
11	611718114017	HARIHARAN K	/	/	/	/	/	/	/	/	/	/
12	611718114019	JAGADEESAN K	/	/	/	/	/	/	/	/	/	/
13	611718114021	KAMESHWARAN M	/	/	/	/	/	/	/	/	/	/
14	611718114022	KANIMOZHI V	/	/	/	/	/	/	/	/	/	/
15	611718114023	KARIKALAN S	/	/	/	/	a	/	/	/	/	/
16	611718114025	LOKESHKANNAN K	/	/	/	/	/	/	/	/	/	/
17	611718114026	MAHENDRAN S	/	/	/	/	/	/	/	/	/	/
18	611718114027	MANIVANNAN R	/	/	/	/	/	/	/	/	/	a
19	611718114028	MANOJKUMAR G	/	/	/	/	/	/	/	/	/	/
20	611718114029	MOHAN S	/	/	/	/	/	/	/	/	/	/

Attended

3.4.22

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Poosaripatty, SALEM - 636 305.

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20	611718114029	MOHAN S	/	/	/	/	/	/	/	/	/	/
21	611718114030	MOHANAPRIYA P	/	/	/	/	/	/	/	/	/	/
22	611718114031	MUKESH.S	/	/	/	/	/	/	/	a	/	/
23	611718114032	NAVEEN.S	/	/	/	/	/	/	/	/	/	/
24	611718114033	NAVEENKUMAR D	/	/	/	/	/	/	/	/	/	/
25	611718114059	THAVAMANI J	/	/	/	/	/	/	/	/	/	/
26	611718114301	DINESH KUMAR A	/	/	/	/	/	/	/	/	/	/
27	611718114302	KARTHICK P	/	/	/	/	/	/	/	/	/	/
28	611718114303	KIRAN PRASANTH	/	/	/	/	/	/	/	/	/	/

Co-ordinator
Mr.D.Sivakumar

HoD
Mr.T.Sudhakar

Principal
Dr. V. Munusami

Attested

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ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: MA 3142168 Folio No. AUM3305349

NAME OF THE CANDIDATE	MAHENDRAN S					REGISTER NO	611718114026
DATE OF BIRTH	02-APR-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Mechanical Engineering						

SEM NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	ME8512	Thermal Engineering Laboratory	2	A+	9	PASS
05	ME8511	Kinematics and Dynamics Laboratory	2	A+	9	PASS
05	ME8513	Metrology and Measurements Laboratory	2	O	10	PASS
06	ME8691	Computer Aided Design and Manufacturing	3	A+	9	PASS
06	ME8693	Heat and Mass Transfer	4	A+	9	PASS
06	ME8692	Finite Element Analysis	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	PR8592	Welding Technology	3	A	8	PASS
06	ME8682	Design and Fabrication Project	2	O	10	PASS
06	ME8681	CAD/CAM Laboratory	2	A+	9	PASS
06	ME8651	Design of Transmission Systems	3	B+	7	PASS
06	ME8694	Hydraulics and Pneumatics	3	A	8	PASS
		Value Added Course(s)				
06	MVA002	3D Printing	2	O	10	PASS

* * * End of Statement * * *

Attested

3/11/22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					28	77				
Grade Point Average (GPA)					9.333	8.458				
Cumulative Credits Earned	145	Cumulative Grade Point Average (CGPA)				7.83	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025
Date 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS I/c

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B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: MA 3142173 Folio No. AUM3473792

NAME OF THE CANDIDATE	MUKESH S					REGISTER NO	611718114031
DATE OF BIRTH	09-FEB-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Mechanical Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	ME8512	Thermal Engineering Laboratory	2	A+	9	PASS
05	ME8511	Kinematics and Dynamics Laboratory	2	A+	9	PASS
05	ME8513	Metrology and Measurements Laboratory	2	O	10	PASS
06	ME8691	Computer Aided Design and Manufacturing	3	A+	9	PASS
06	ME8651	Design of Transmission Systems	3	B+	7	PASS
06	ME8681	CAD/CAM Laboratory	2	A+	9	PASS
06	PR8592	Welding Technology	3	A	8	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	ME8682	Design and Fabrication Project	2	A+	9	PASS
06	ME8692	Finite Element Analysis	3	A	8	PASS
06	ME8693	Heat and Mass Transfer	4	A+	9	PASS
06	ME8694	Hydraulics and Pneumatics	3	A	8	PASS
		Value Added Course(s)				
06	MVA002	3D Printing	2	O	10	PASS

* * * End of Statement * * *

Attested

3.11.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 306.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					28	76				
Grade Point Average (GPA)					9.333	8.375				
Cumulative Credits Earned	145	Cumulative Grade Point Average (CGPA)				7.60	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025
Date : 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS

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ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: MA 3142175 Folio No. AUM3500652

NAME OF THE CANDIDATE	NAVEEN KUMAR D					REGISTER NO	611718114033
DATE OF BIRTH	08-JUN-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Mechanical Engineering						

SEM. NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	ME8512	Thermal Engineering Laboratory	2	O	10	PASS
05	ME8511	Kinematics and Dynamics Laboratory	2	A+	9	PASS
05	ME8513	Metrology and Measurements Laboratory	2	A+	9	PASS
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06	ME8692	Finite Element Analysis	3	A+	9	PASS
06	ME8693	Heat and Mass Transfer	4	A	8	PASS
06	ME8694	Hydraulics and Pneumatics	3	A+	9	PASS
		Value Added Course(s)				
06	MVA002	3D Printing	2	O	10	PASS

*** End of Statement ***

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 306.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					28	80				
Grade Point Average (GPA)					9.333	8.792				
Cumulative Credits Earned	145	Cumulative Grade Point Average (CGPA)				7.83	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025
Date : 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS i/c

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ANNEXURE - II

APPLICATION FOR CONDUCTING VALUE ADDED COURSES

1. Name of the Department: Mechanical Engineering
2. UG programme: B.E- Mechanical Engineering
3. **Details of the Value Added Courses:**
   a. Name of the Value Added Courses : **3D Printing**
   ~~b.~~ Type of Value Added Courses (Theory/ ~~Lab~~/~~Lab integrated Theory/others~~)
   ~~c.~~ Short Description Enclosure 1 enclosed - YES / ~~NO~~
   d. Syllabus including Reference Enclosure 2 enclosed - YES / ~~NO~~
4. **Target audience: VI, VIII Semester Students (MECH)**
   Semester (indicate if more than one)
5. **Details of Faculty handling the course:**
   a. Name of the Faculty handling the Value Added course: **Mr.T.Sudhakar, M.E., (Ph.D)**
   ~~b.~~ Details including designation and expertise Enclosure 3 enclosed - YES / ~~NO~~
   c. Contact details
   Email ID : tshudhakarnsit@gmail.com
   Phone No : 9626843843
6. **Tentative Time Table** including dates of internal assessments : Enclosure 4 enclosed - YES / ~~NO~~
7. Number of students opting for the course : 15 (Tentative Count)
8. Department Consultative Committee - Minutes : Enclosure 5 enclosed - YES / ~~NO~~
9. Name and Designation of the Coordinator : Dr.M.Senthil,
   Professor & Head of the Department.

Head of the Department

Principal

Director, Academic Courses

Additional Controller of Examinations

Attested

3.1.22

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Poosaripatty, SALEM - 636 305.

Enclosure 1&2

3D Printing

2 0 0 2

Course Objective:

- To broaden and deepen the principle methods, capabilities in analytical and experimental research methods in rapid prototyping and its applications.
- To be familiar with characteristics of different materials used in additive manufacturing.

UNIT I INTRODUCTION **3**

Need for the compression in product development, history of RP systems, survey of applications, growth of RP industry, classification of RP systems, Materials for Additive Manufacturing Technology, Data Processing for Additive Manufacturing Technology: CAD model preparation – Part Orientation and support generation - Model Slicing – Tool path Generation - Software for Additive Manufacturing Technology: MIMICS, MAGICS – Benefits.

UNIT II LIQUID BASED AND SOLID BASED RAPID PROTOTYPING SYSTEMS **7**

Stereolithography Apparatus, Fused deposition Modeling, Laminated object manufacturing; Working Principles, details of processes, products, materials, advantages, limitations and applications - Case studies.

UNIT III POWDER BASED RAPID PROTOTYPING SYSTEMS **10**

Selective Laser Sintering, Laser Engineered Net Shaping, Selective Laser Melting, Electron Beam Melting: Processes, materials, products, advantages, applications and limitations – Case Studies.

UNIT IV RAPID MANUFACTURING PROCESS OPTIMATION **5**

Factors influencing accuracy, data preparation errors, part building errors, errors in finishing, influence of part build orientation.

UNIT V MEDICAL AND BIO-ADDITIVE MANUFACTRUING **5**

Customized implants and prosthesis: Design and production. Bio-Additive Manufacturing – Computer Aided Tissue Engineering (CATE) - Case Studies.

OUTCOMES:

- At the end of this course the students would have developed a thorough understanding of the principle methods, areas of usage, possibilities and limitations as well as environmental effects of the Rapid Prototyping Technologies.

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

REFERENCES:

1. Pham D T and Dimov S S, “Rapid Manufacturing”, Verlag, 2001.
2. Rapid Prototyping and Engineering applications: A tool box for prototype development, Liou W.Liou, Frank W.Liou, CRC Press, 2007.
3. Rapid Prototyping: Theory and practice, Ali K. Kamrani, Emad Abouel Nasr, Springer, 2006.
4. Chua C.K., Leong K.F., and Lim C.S., “Rapid prototyping: Principles and applications”, Third Edition, World Scientific Publishers, 2010.

TOTAL: 30 PERIODS

Enclosure 3

DETAILS INCLUDING DESIGNATION AND EXPERTISE

S.No	Trainer	Area of Specialization	Content
1	**Mr.T.Sudhakar, M.E., (Ph.D)** Assistant professor, Department of Mechanical Engineering, Narasu's Sarathy Institute of Technology **Mr.Charath Chander Natarajan** Co-Founder Max CADD, Coimbatore	Additive Manufacturing (3D Printing) and Advanced Manufacturing Technology 3D Printing and Modeling	**Unit I & Unit II**
2	**Mr.Charath Chander Natarajan** Co-Founder Max CADD, Coimbatore **Mr.D.Sivakumar, M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology	3D Printing and Modeling CAD Modeling	**Unit III**
3	**Mr.D.Sivakumar, M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology **Mr.T.Sudhakar, M.E., (Ph.D)** Assistant professor, Department of Mechanical Engineering, Narasu's Sarathy Institute of Technology	CAD Modeling Additive Manufacturing (3D Printing) and Advanced Manufacturing Technology	**Unit IV & Unit V**

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
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Enclosure 4

TENTATIVE TIME TABLE INCLUDING DATES OF INTERNAL ASSESSMENTS

S.No	Programme	Semester	Commencement of theory Classes	Commencement of Internal assessment test
1.	B.E(MECH)	IV, VI	22.04.2021, 23.04.2021, 24.04.2021, 25.04.2021, 26.04.2021	05.05.2021

TOTAL: 30 PERIODS

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
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of Technology
Poosaripatty, S[illegible] - 636 305.

Enclosure 5

DEPARTMENT CONSULTATIVE COMMITTEE MINUTES

Date: 07.04.2021

Minutes of Meeting:

1. Department subject allocation for EVEN semester 2020-21 plan discussed
2. For improving skills related to **3D Printing** (III & IV ,Mech), we planned to conduct value added Course
3. Mr.T.Sudhakar AP/MECH deputed for identifying expertise for organizing course
4. Dr.M.Senthil, HOD/MECH chosen as value added course head for **3D Printing**.
5. Mr.D.Sivakumar, AP/MECH deputed for planning Budget, student willingness, tentative time table and prepare course schedule

Head of the Department

Principal

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, S[illegible] - 636 305.

CLASS SCHEDULE **TOTAL: 30 PERIODS**

Day 1: Unit I (22.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Need for the compression in product development, history of RP systems, survey of applications, growth of RP industry, classification of RP systems, Materials for Additive Manufacturing Technology, Data Processing for Additive Manufacturing Technology: CAD model preparation , Part Orientation and support generation, Model Slicing, Tool path Generation, Software for Additive Manufacturing Technology: MIMICS, MAGICS and their Benefits.	**Mr.T.Sudhakar, M.E., (Ph.D)** Assistant professor, Department of Mechanical Engineering, Narasu's Sarathy Institute of Technology
Day 2: Unit II (23.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Stereolithography Apparatus, Fused deposition Modeling, Laminated object manufacturing; Working Principles, details of processes, products, materials, advantages, limitations and applications and their Case studies.	**Mr.Charath Chander Natarajan** Co-Founder Max CADD, Coimbatore
Day 3: Unit III (24.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Selective Laser Sintering, Laser Engineered Net Shaping, Selective Laser Melting, Electron Beam Melting: Processes, materials, products, advantages, applications and limitations and their Case Studies.	**Mr.Charath Chander Natarajan** Co-Founder Max CADD, Coimbatore **Mr.D.Sivakumar, M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology
Day 4: Unit IV (25.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Factors influencing accuracy, data preparation errors, part building errors, errors in finishing, influence of part build orientation.	**Mr.D.Sivakumar, M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology

Day 5: Unit V (26.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Customized implants and prosthesis: Design and production. Bio-Additive Manufacturing, Computer Aided Tissue Engineering (CATE) and their Case Studies.	**Mr.T.Sudhakar, M.E., (Ph.D)** Assistant professor, Department of Mechanical Engineering, Narasu's Sarathy Institute of Technology

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ANNEXURE - II

APPLICATION FOR CONDUCTING VALUE ADDED COURSES

1. Name of the Department: Mechanical Engineering
2. UG programme: B.E- Mechanical Engineering
3. **Details of the Value Added Courses:**
   a. Name of the Value Added Courses : **ENERGY RESOURCES AND MANAGEMENT**
   ~~b.~~ Type of Value Added Courses :(Theory/ ~~Lab/Lab integrated Theory/others~~)
   ~~c.~~ Short Description : Enclosure 1 enclosed - YES / ~~NO~~
   d. Syllabus including Reference : Enclosure 2 enclosed - YES / ~~NO~~
4. **Target audience: VI, VIII Semester Students (MECH)**
   Semester (indicate if more than one)
5. **Details of Faculty handling the course:**
   a. Name of the Faculty handling the Value Added course : Mr.N.Srinivasan AP/ MECH
   ~~b.~~ Details including designation and expertise : Enclosure 3 enclosed - YES / ~~NO~~
   c. Contact details
   Email ID : nsitsrini@gmail.com
   Phone No : 8695665388, 9789422471
6. **Tentative Time Table** including dates of internal assessments : Enclosure 4 enclosed - YES / ~~NO~~
7. Number of students opting for the course : 15 (Tentative Count)
8. Department Consultative Committee - Minutes : Enclosure 5 enclosed - YES / ~~NO~~
9. Name and Designation of the Coordinator : Mr.N.Srinivasan AP/ MECH

Head of the Department

Principal

Director, Academic Courses

Additional Controller of Examinations

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Enclosure 1&2

ENERGY RESOURCES AND MANAGEMENT

L	T	P	C
2	0	0	2

UNIT I FOSSIL FUEL ENERGY 6

Coal, Oil, Natural gas, Nuclear power and Hydro - environmental impact of fossil fuels - Energy scenario in India - Growth of energy sector and its planning in India.

UNIT II SOLAR & WIND ENERGY- ALTERNATE SOURCE 6

Solar thermal applications - heating, cooling, desalination, drying, cooking, etc – solar thermal electric power plant - types of solar cells - Photovoltaic applications - Nature of the wind - factors influencing wind - wind data and energy estimation - wind resource assessment systems.

UNIT III BIO-ENERGY 6

Biomass resources and their classification - Biomass conversion processes – direct combustion - biomass gasification - pyrolysis and liquefaction - biochemical conversion - anaerobic digestion - types of biogas Plant - applications - Urban waste to energy conversion.

UNIT IV OTHER TYPES OF ENERGY 6

Ocean energy resources - ocean thermal power plant - ocean wave energy conversion – small hydro - geothermal energy - geothermal power plant - Fuel cell - principle of working - various types construction and applications.

UNIT V ENERGY CONVERSION & MANAGEMENT 6

Photovoltaic conversion of solar energy - Thermo chemical conversion - ocean thermal energy conversion (OTEC) - tidal energy conversion - Industrial management.

TOTAL: 30 PERIODS

COURSE OBJECTIVE

- To explain concept of various forms of Non-renewable and renewable energy.
- To outline division aspects and utilization of renewable energy sources for both domestics and industrial applications
- To study the environmental and cost economics of using renewable energy sources compared to fossil fuels.

REFERENCE BOOKS

R1. B H Khan "Non-Conventional Energy Resources", Third Edition, Tata McGraw-Hill, 2007

R2. P KNag, "Power plant Engineering", McGraw Hill Education, 2014.

Enclosure 3

DETAILS INCLUDING DESIGNATION AND EXPERTISE

S.No	Trainer	Content
1	**Dr.D.Deepa, M.E., Ph.D.** Associate professor, Department of Mechanical Engineering, Muthayammal Engineering College Namakkal. **Mr.N.Srinivasan, M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology	**Unit I & Unit II**
2	**Dr.M.Soundar Rajan, M.E., Ph.D.** Associate professor, Department of Mechanical Engineering, Muthayammal Engineering College Namakkal. **Mr.S.Jeevanatham , M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology	**Unit III**
3	**Mr.R.Ramesh Babu ME.,** Assistant Professor/ Mech P.T.Lee. Chengalvaraya Naicker College of Engineering and Technology **Mr.V.Parthiban** Assistant professor, Department of Mechanical Engineering, Narasu's Sarathy Institute of Technology	**Unit IV & Unit V**

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, S[illegible] - 636 305.

Enclosure 4

TENTATIVE TIME TABLE INCLUDING DATES OF INTERNAL ASSESSMENTS

S.No	Programme	Semester	Commencement of theory Classes	Commencement of Internal assessment test
1.	B.E(MECH)	VI, VIII	27.04.2021, 28.04.2021, 29.04.2021, 30.04.2021, 01.05.2021	05.05.2021

TOTAL: 30 PERIODS

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Enclosure 5

DEPARTMENT CONSULTATIVE COMMITTEE MINUTES

Date: 10.04.2021

Minutes of Meeting:

1. Department subject allocation for EVEN semester 2020-21 plan discussed
2. For improving skills related to **Energy Resources and Management** (III & IV ,Mech), we planned to conduct value added Course
3. Mr.T.Sudhakar AP/MECH deputed for identifying expertise for organizing course
4. Mr.N.Srinivasan, AP/MECH chosen as value added course head for **Energy Resources and Management.**
5. Mr.V.Parthiban, AP/MECH deputed for planning Budget, student willingness, tentative time table and prepare course schedule

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CLASS SCHEDULE **TOTAL: 30 PERIODS**

Day 1: Unit I (27.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Coal, Oil, Natural gas, Nuclear power and Hydro - environmental impact of fossil fuels - Energy scenario in India - Growth of energy sector and its planning in India.	**Dr.D.Deepa, M.E., Ph.D.** Associate professor, Department of Mechanical Engineering, Muthayammal Engineering College Namakkal. **Mr.N.Srinivasan, M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology
Day 2: Unit II (28.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Solar thermal applications - heating, cooling, desalination, drying, cooking, etc – solar thermal electric power plant - types of solar cells - Photovoltaic applications - Nature of the wind - factors influencing wind - wind data and energy estimation - wind resource assessment systems.	**Dr.D.Deepa, M.E., Ph.D.** Associate professor, Department of Mechanical Engineering, Muthayammal Engineering College Namakkal. **Mr.N.Srinivasan, M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology
Day 3: Unit III (29.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Biomass resources and their classification - Biomass conversion processes – direct combustion - biomass gasification - pyrolysis and liquefaction - biochemical conversion - anaerobic digestion - types of biogas Plant - applications - Urban waste to energy conversion.	**Dr.M.Soundar Rajan, M.E., Ph.D.** Associate professor, Department of Mechanical Engineering, Muthayammal Engineering College Namakkal. **Mr.S.Jeevanatham , M.E.** Assistant Professor/ Mech Narasu's Sarathy Institute of Technology

Day 4: Unit IV (30.04.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Ocean energy resources - ocean thermal power plant - ocean wave energy conversion – small hydro - geothermal energy - geothermal power plant - Fuel cell - principle of working - various types construction and applications.	**Mr.R.Ramesh Babu ME.,** Assistant Professor/ Mech P.T.Lee. Chengalvaraya Naicker College of Engineering and Technology **Mr.V.Parthiban** Assistant professor, Department of Mechanical Engineering, Narasu's Sarathy Institute of Technology
Day 5: Unit V (01.05.2021)		
Time	Topic Name	Trainer
09:00 – 16:45	Photovoltaic conversion of solar energy - Thermo chemical conversion - ocean thermal energy conversion (OTEC) - tidal energy conversion - Industrial management.	**Mr.R.Ramesh Babu ME.,** Assistant Professor/ Mech P.T.Lee. Chengalvaraya Naicker College of Engineering and Technology **Mr.V.Parthiban** Assistant professor, Department of Mechanical Engineering, Narasu's Sarathy Institute of Technology

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
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Poosaripatty, S[illegible] - 636 305.

Narasu's Sarathy Institute of Technology	Department Events	
Document ID: 2021-22/ODD/ NSIT/MECH/ Events-2	Document Name:	Requisition- Value Added course

03.04.2021

Submitted to the Principal

Mr.N.Srinivasan,
Assistant Professor,
Department of Mechanical Engineering.

Permitted
3.4.21

Respected Sir,

Subject: Req. – To conduct Workshop in Mech Department– Reg.

I would like to inform you that, as the part of the 'Teaching – Learning process' and to obtain Program Educational Objectives MECH department has got approval from Anna University to conduct a Value Added Course to 3rd year & Final Year Mech students. Hence, I kindly request you to approve the above said program for the beneficial for Students. The title is given below. The budget details are attached herewith for your kind perusal.

S.No.	Date (tentative)	No. of Days	Year of the Student	Title of the Value Added Course	No. of Students	Conducted by
1	27.04.2021 & 01.05.2021	5 days (Module 1)	3rd year & Final Year Mech	MVA010- Energy Resources And Management	26+5 = 31	Mr.N.Srinivasan

Thanking you,

Yours Sincerely,

N. Srinivasan

Date: 03.04.21

Place: Salem

Attachments

*Approval letter from Anna University

Attested
3.4.22
Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute of Technology
Poosaripatty, SALEM - 636 306.

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Narasu's Sarathy Institute of Technology
Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Admin Office: 93449 72274, Admission Cell: 93449 72275,73977-86003,
admin@nsit.edu.in,www.nsit.edu.in

Document ID:	2021-22/ODD/ NSIT/MECH/ Events-2	Document Name:	Value Added course - Report

VALUE ADDED COURSE REPORT

The Department of Mechanical Engineering **has organized an Anna university approved Value added course on "MVA010- Energy Resources and Management"** from 27.04.2021 to 28.04.2021 **(2 days in Internal mode) and 29.04.21, 30.04.21 & 01.05.2021 (3 days in External mode) with additional of 10 hrs.**

Beneficiaries : III and IV Year MECH Students (26+5 = 31)

Venue : CAD Lab , Seminar Hall-1

Course handled by:

Internal faculty members:

1. Mr.N.Srinivasan,AP/MECH,
2. Mr.S.Jeevanatham,AP/MECH
3. Mr.V.Parthiban,AP/MECH

External Faculty Member

4. **Dr.D.Deepa, M.E., Ph.D.,** Associate professor,Department of Mechanical Engineering, Muthayammal Engineering College Namakkal.
5. **Dr.M.Soundar Rajan, M.E., Ph.D.,** Associate professor,Department of Mechanical Engineering, Muthayammal Engineering College Namakkal.
6. **Mr.R.Ramesh Babu ME.,**Assistant Professor/ Mech,P.T.Lee. Chengalvaraya Naicker College of Engineering and Technology

Attested

3.1.22

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The topic covered in the first day is Unit-1, Fossil Fuel Energy, Coal, Oil, Natural gas, Nuclear power and Hydro - environmental impact of fossil fuels - Energy scenario in India - Growth of energy sector and its planning in India which was taken by Mr.N.Srinivasan, AP/MECH.

As per schedule, during the training of 2nd day and 3rd day, the course instructor Dr.D.Deepa, M.E., Ph.D.and Mr.R.Ramesh Babu ME.,explained in detail about Solar thermal applications - heating, cooling, desalination, drying, cooking, etc – solar thermal electric power plant - types of solar cells - Photovoltaic applications - Nature of the wind - factors influencing wind - wind data and energy estimation - wind resource assessment systems. Biomass resources and their classification - Biomass conversion processes – direct combustion - biomass gasification - pyrolysis and liquefaction - biochemical conversion - anaerobic digestion - types of biogas Plant - applications - Urban waste to energy conversion.

From 30.04.21 to 01.05.21 the external faculty Er. Dr.M.Soundar Rajan, M.E., Ph.D gave Ocean energy resources - ocean thermal power plant - ocean wave energy conversion – small hydro - geothermal energy - geothermal power plant - Fuel cell - principle of working - various types construction and applications. Photovoltaic conversion of solar energy - Thermo chemical conversion - ocean thermal energy conversion (OTEC) - tidal energy conversion - Industrial management P.Siva subramani.(IV MECH), K.Sakthivel III year MECH students done a mini project using Energy Resourcement and demonstrate to other students. Finally an online assessment conducted for all participants, R.Sudhakar IV MECH student delivered the vote of thanks. The students appreciated the course instructors for their effective training and told the course would be of much useful to them for their project and finding new products as well as for their career.

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Poosaripatty, SALEM - 636 306.

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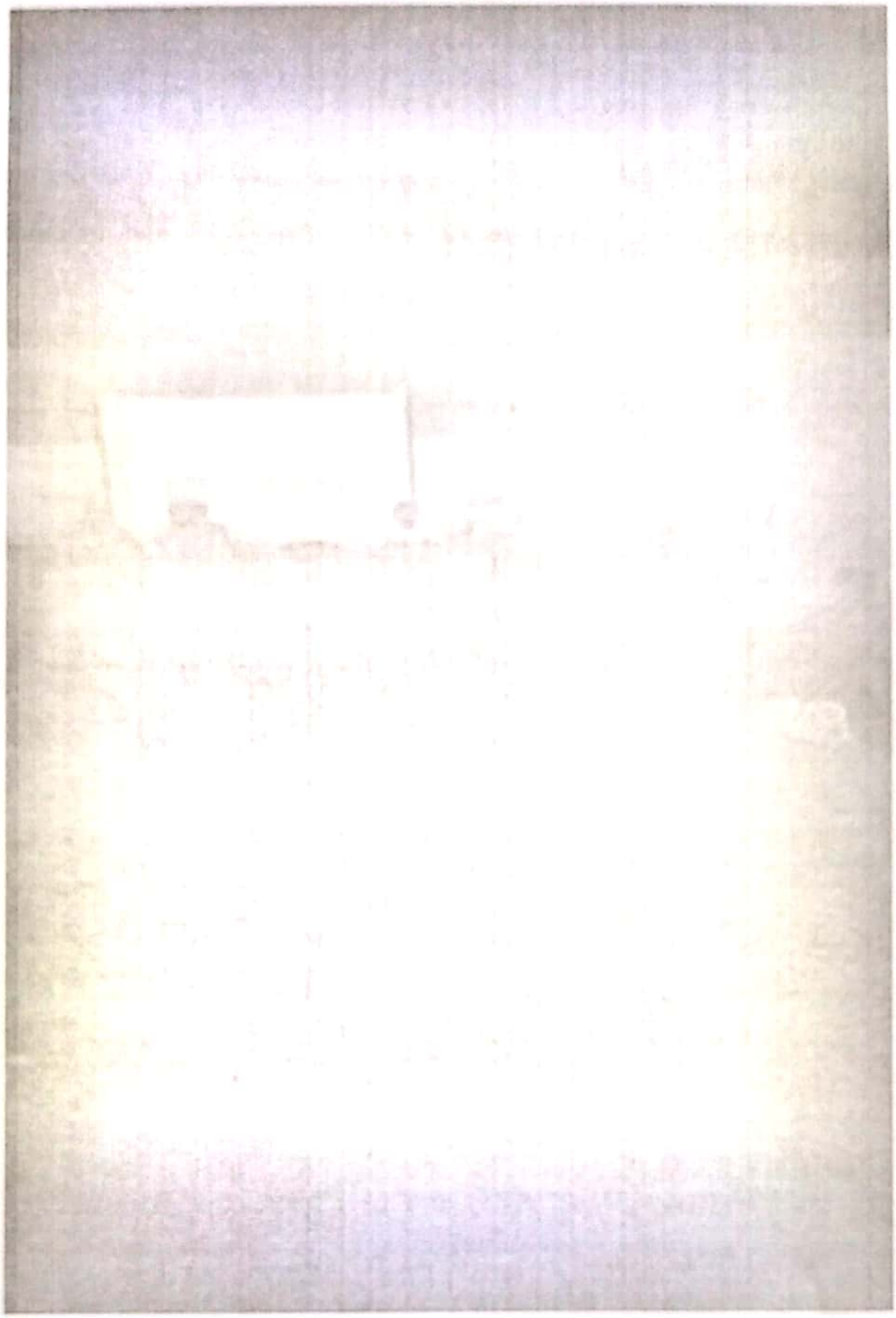

Event Co-Ordinator

HOD

Principal

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
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Narasu's Sarathy Institute of Technology
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Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636308.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

Attendance For Certificate Course

Document ID:	NSIT/MECH/2020-2021/CC-01	Title:	ENERGY RESOURCES AND MANAGEMENT
Programme:	BE	Branch:	MECH
Academic year:	2020-2021	Date:	03.04.2021

S.No	Register no	Students name	27.04.2021		28.04.2021		29.04.2021		30.04.2021		01.05.2021	
			F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N
1	611718114035	PASUPATHI R	/	/	/	/	/	/	/	/	/	/
2	611718114036	PERIYANNAN V	/	/	/	a	/	/	/	/	/	/
3	611718114037	PRABHU P	/	/	/	/	/	/	/	/	/	/
4	611718114038	PRABU S	/	/	/	/	/	/	/	/	/	/
5	611718114039	PRASANTH M	/	/	/	/	/	/	/	/	/	/
6	611718114040	RAMESH P	/	/	/	/	/	/	/	/	/	/
7	611718114041	RAMKUMAR.R	/	/	/	/	/	/	/	/	/	/
8	611718114042	SAKTHIVEL M	/	/	/	/	/	a	/	/	/	/
9	611718114043	SANJAI.B	/	/	/	/	/	/	/	/	a	/
10	611718114044	SANTHOSH S	/	/	/	/	a	/	/	/	/	/
11	611718114045	SANTHOSH T	/	/	/	/	/	/	/	/	/	/
12	611718114046	SARAVANAN S	/	/	/	/	/	/	/	/	/	/
13	611718114047	SATHISHKUMAR G	/	/	/	/	/	/	/	/	/	/
14	611718114048	SATHISHKUMAR P	/	/	/	/	/	/	/	/	/	/
15	611718114049	SENTHILKUMAR C	/	/	/	/	a	/	/	/	/	/
16	611718114050	SHANMUGARAJ A	/	/	/	/	/	/	/	/	/	/
17	611718114052	SRIDHAR D	/	/	/	/	/	/	/	/	/	a
18	611718114054	SRINIVASAN P	/	/	/	/	/	/	/	/	/	/
19	611718114055	SUDHAKAR R	/	/	/	/	/	/	/	/	/	/
20	611718114056	SUJITH M	/	/	/	/	/	/	/	/	/	/
21	611718114057	SURYA.S	/	/	/	/	/	/	/	a	/	/

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
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22	611718114058	TAMILARASAN.M	/	/	/	/	/	/	/	/	/	/
23	611718114060	THILEEPKUMAR S	/	/	/	/	/	/	/	/	/	/
24	611718114061	UDHAYAKUMAR.M	/	/	/	/	/	/	/	/	/	/
25	611718114067	VIJAY J	/	/	/	/	/	/	/	/	/	/
26	611718114304	PRADEEP R	/	/	/	/	/	/	/	/	/	/
27	611717114057	SIVA SUBRAMANI P A	/	/	/	/	/	/	/	/	/	/
28	611717114060	SURYA PRAKASH S	/	/	/	/	/	/	/	/	/	/
29	611717114062	UMAR BASHA S	/	/	/	/	/	/	/	/	/	/
30	611717114311	SANTHANA BHARATHI B	/	/	/	/	/	/	/	/	/	/
31	611717114313	SASIKUMAR S	/	/	/	/	/	/	/	/	/	/

Co-ordinator
Mr.N.Srinivasan

HoD
Mr.T.Sudhakar

Principal
Dr. V. Munusami

Attested

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
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Poosaripatty, SALEM - 636 305.

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ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: **MA** 3142193 **Folio No.** AUM3526420

NAME OF THE CANDIDATE	SRINIVASAN P					REGISTER NO.	611718114054
DATE OF BIRTH	01-MAY-2000	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Mechanical Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	ME8512	Thermal Engineering Laboratory	2	A+	9	PASS
05	ME8513	Metrology and Measurements Laboratory	2	A+	9	PASS
05	ME8511	Kinematics and Dynamics Laboratory	2	A+	9	PASS
06	ME8691	Computer Aided Design and Manufacturing	3	A	8	PASS
06	ME8651	Design of Transmission Systems	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	PR8592	Welding Technology	3	A	8	PASS
06	ME8682	Design and Fabrication Project	2	O	10	PASS
06	ME8681	CAD/CAM Laboratory	2	A+	9	PASS
06	ME8692	Finite Element Analysis	3	A+	9	PASS
06	ME8694	Hydraulics and Pneumatics	3	A+	9	PASS
06	ME8693	Heat and Mass Transfer	4	A	8	PASS
		Value Added Course(s)				
06	MVA010	Energy Resources and Management	2	O	10	PASS

* * * End of Statement * * *

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					27	77				
Grade Point Average (GPA)					9.000	8.417				
Cumulative Credits Earned	145	Cumulative Grade Point Average (CGPA)				7.45	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025
Date 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS I/c

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ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: **MA** 3142185 **Folio No.** AUM3377238

NAME OF THE CANDIDATE	SANTHOSH S					REGISTER NO	611718114044
DATE OF BIRTH	20-MAY-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Mechanical Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	ME8512	Thermal Engineering Laboratory	2	O	10	PASS
05	ME8513	Metrology and Measurements Laboratory	2	O	10	PASS
05	ME8511	Kinematics and Dynamics Laboratory	2	O	10	PASS
06	ME8691	Computer Aided Design and Manufacturing	3	A+	9	PASS
06	ME8651	Design of Transmission Systems	3	B+	7	PASS
06	HS8581	Professional Communication	1	A+	9	PASS
06	PR8592	Welding Technology	3	O	10	PASS
06	ME8682	Design and Fabrication Project	2	O	10	PASS
06	ME8681	CAD/CAM Laboratory	2	O	10	PASS
06	ME8692	Finite Element Analysis	3	A	8	PASS
06	ME8694	Hydraulics and Pneumatics	3	A+	9	PASS
06	ME8693	Heat and Mass Transfer	4	A+	9	PASS
		Value Added Course(s)				
06	MVA010	Energy Resources and Management	2	O	10	PASS

* * * End of Statement * * *

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					30	81				
Grade Point Average (GPA)					10.000	8.917				
Cumulative Credits Earned	145	Cumulative Grade Point Average (CGPA)				7.96	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025
Date 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS I/c

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ANNA UNIVERSITY, CHENNAI - 25
B.E. DEGREE EXAMINATIONS
GRADE SHEET

Sl.No: MA 3142183 Folio No. AUM3547870

NAME OF THE CANDIDATE	SAKTHIVEL M					REGISTER NO	611718114042
DATE OF BIRTH	29-JUN-2001	GENDER	MALE	MONTH & YEAR OF EXAMINATION	APR 2021	DATE OF PUBLICATION	26-AUG-2021
COLLEGE OF STUDY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY					REGULATIONS	2017 (CBCS)
PROGRAMME & BRANCH	B.E. Mechanical Engineering						

SEM. NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	ME8512	Thermal Engineering Laboratory	2	O	10	PASS
05	ME8511	Kinematics and Dynamics Laboratory	2	O	10	PASS
05	ME8513	Metrology and Measurements Laboratory	2	O	10	PASS
06	ME8691	Computer Aided Design and Manufacturing	3	A+	9	PASS
06	ME8694	Hydraulics and Pneumatics	3	A	8	PASS
06	ME8692	Finite Element Analysis	3	A+	9	PASS
06	ME8682	Design and Fabrication Project	2	O	10	PASS
06	HS8581	Professional Communication	1	O	10	PASS
06	PR8592	Welding Technology	3	A	8	PASS
06	ME8681	CAD/CAM Laboratory	2	O	10	PASS
06	ME8651	Design of Transmission Systems	3	A+	9	PASS
06	ME8693	Heat and Mass Transfer	4	A	8	PASS
		Value Added Course(s)				
06	MVA010	Energy Resources and Management	2	O	10	PASS

* * * End of Statement * * *

Attested

3.1.22

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					6	24				
Credits Earned					6	24				
Grade Points Earned					30	81				
Grade Point Average (GPA)					10.000	8.792				
Cumulative Credits Earned	145	Cumulative Grade Point Average (CGPA)				7.79	Medium of Instruction : ENGLISH			

RA - Reappearance is Required W-Withdrawal SE - Sports Exemption * Absent for University Examination

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025
Date 02-11-2021

SIGNATURE OF THE CANDIDATE

CONTROLLER OF EXAMINATIONS i/c

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Narasu's Sarathy Institute of Technology
Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

		Certificate Course	
Document ID:	**2020-21/EVEN/NSIT/S&H/CC/001**	**Document Name:**	**Requisition Letter**

31/03/2021

From

Dr. M. Gowdhamamoorthi,
Professor & Head,
Department of Science and Humanities,
NSIT, Salem.

Permitted
31.03.21

To

The Principal,
NSIT, Salem.

Respected Sir,

Sub: Seeking permission to conduct **"Introduction to CAD"** by **"CADD Centre Training Services, Salem"** Certification program- Reg.

In accordance to the MoU signed between **CADD Centre and NSIT, the Department of Science & Humanities is planning to conduct** a short term online certificate course (30 hrs) to our first year EEE & Mechanical students.

This program will assist the students to improve their career to become a software Professional and enhance students' quality and competency. This Certification will help them to get placed in eminent companies.

Students are keen enough to attend the certificate program. Hence, we request your permission to organize the above course.

Thanking You

Yours faithfully,

M. Gowdhamamoorthi
31/03/21

Narasu's Sarathy Institute of Technology

Approved by AICTE | Accredited By NAAC | Affiliated to Anna University

Poosaripatty, Kadayampatti Taluk, Salem - 636 305, Tamil Nadu. India.

Phone: 04290 - 249661
04290 - 249662
Fax : 04290 - 249663
Mobile : 93449 72274
93449 72275
admin@nsit.edu.in

Date: 31.03.2021

To

CADD Centre Training Services,

Managing Director,

Salem.

Dear Sir,

Narasu's Sarathy institute of Technology, Salem is a fast growing institution in Tamil Nadu. Our college strives to bridge the gap between the deprived with high dreams and higher education by prevailing over the hindrances in attaining it.

We are planning to organize an online certificate course for first year students during April 2021. You have established your work with several years of experience. Your guidance regarding the certificate course will help our students.

We would appreciate it very much if you would accept our invitation to deliver your valuable sessions. Your cooperation in this direction will highly encourage us and make the course a grand success.

We request you to deliver a course on "Introduction to CAD" for our first year EEE (strength 33) & MECH (strength 14) students. We would be very much honoured if your faculty can be our guest and present the lecture.

Looking forward to a positive reply.

Yours Sincerely

31.03.21.

Principal, NSIT

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

NARASU'S SARATHY INSTITUTE OF TECHNOLOGY
16, POOSARIPATTY
SALEM - 636 305.

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admin@nsit.edu.in,www.nsit.edu.in

		Certificate Course	
Document ID:	**2020-21/EVEN/NSIT/S&H/CC/001**	**Document Name:**	**Circular**

Date: 03.04.2021

Circular

The Department of Science and Humanities has planned to conduct online certificate course for five days from **07.04.2021 to 10.04.2021& 12.04.2021** for first year **EEE & MECH** students on **Introduction to CAD**. The duration of the course is 30 hours. In accordance with the MOU signed by NSIT and CADD centre, Salem, we are offering as Free online Certificate course. All the students are hereby instructed to register via https://forms.gle/JnstUsu5d8c9s4GJA .

The concerned CC's (EEE& MECH) are requested to encourage the students for maximum participants.

Venue: Online mode

Co-ordinator	**HoD**	**Principal**
V. Suganya	Dr. M. Gowdhamamoorthi	Dr. V. Munusami

Copy to:

- Chairman/ Vice Chairman/ Pro Chairman
- All Department HOD's
- All Class Advisors (1st year)
- Main Notice board / Library Notice board / Office
- IQAC

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admin@nsit.edu.in,www.nsit.edu.in

		Certificate Course	
Document ID:	**2020-21/EVEN/NSIT/S&H/CC/001**	**Document Name:**	**Syllabus (30hrs)**

Date: 03.04.2021

- Introduction to CAD
- Introduction to Engineeering Drawings
- Principles of Engineering Drawing
- Projections (First & Third angle)
- Views (Orthographic, Isometric and Perspective)
- Introduction to AutoCAD, History
- Exploring GUI, Workspaces, Co-ordinate systems
- Units, Limits
- New, Save, Open, Close, Exit, Erase, Oops, Undo, Redo
- Line, Circle, Polygon, Rectangle, Arc, Elipse, Polyline, Spline, Chamfer, Fillet, Move, Copy, Rotate, Mirror
- Explode, Trim, Extend
- Offset, Array, Polyline Edit, Spline Edit
- Color, Linetype, Ltscale, Lineweight, Hatch, Hatchedit
- Text, Style, Mtext
- Table
- Linear, Aligned, Baseline, Continues, Radius, Diameter, Angular, Ordinate
- Dimension style
- Page setup
- Plotting

V. Suganya 3/4/21
Co-ordinator
V. Suganya

M. Gowdhamamoorth 03/04/21
HoD
Dr. M. Gowdhamamoorth

Principal 3.04.21
Dr. V. Munusami

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admin@nsit.edu.in,www.nsit.edu.in

Certificate Course (30 hrs)

Document ID:	**2020-21/EVEN/NSIT/S&H/CC/001**	**Document Name:**	**Time Table**

Date: 03.04.2021

Date	I 9.30-10.20am	II 10.20-11.10	III 11.20-12.10	IV 12.10-1.00	1.00-2.00	V 2.00-2.50	VI 2.50-3.40
07.04.2021	Inauguration	Introduction to CAD (Mr. V. Sendilkumar)	Introduction to Engineeering Drawings (Mr. V. Sendilkumar)	Principles of Engineering Drawing (Mr. V. Sendilkumar)	LUNCH BREAK	Projections (First & Third angle) (Mr. R. Praveen Raj)	Views (Orthographic, Isometric and Perspective) (Mr. R. Praveen Raj)
08.04.2021	Introduction to AutoCAD, History (Mr. V. Sendilkumar)		Exploring GUI, Workspaces, Co-ordinate systems (Mr. R. Praveen Raj)			Units, Limits, New, Save (Ms. Anandhajothi)	Open, Close, Exit, Erase (Mr. R. Praveen Raj)
09.04.2021	Oops, Undo, Redo (Mr. V.Sendilkumar)	Line, Circle, Polygon, Rectangle, Arc, Elipse, Polyline, Spline, Chamfer, Fillet (Mr. R. Praveen Raj)				Move, Copy, Rotate, Mirror (Mr. V. Sendilkumar)	Explode, Trim, Extend (Mr. R. Praveen Raj)
10.04.2021	Offset, Array, Polyline Edit, Spline Edit, Color, Linetype, Ltscale (Mr. R. Praveen Raj)		Lineweight, Hatch, Hatchedit, Text, Style, Mtext, Table, Linear, Aligned, Baseline (Mr. V. Sendilkumar)			Continues, Radius, Diameter, Angular, Ordinate (Mr. R. Praveen Raj)	Dimension style, Page setup, Plotting (Ms. Anandhajothi)
12.04.2021	LAB Session (Mr. V. Sendilkumar & Mr. R. Praveen Raj)					LAB Session (Mr. V. Sendilkumar & Mr. R. Praveen Raj)	

V. Suganya
Co-ordinator

Dr. M. Gowdhamamoorthi
HoD 03/04/21

Dr. V. Munusami
Principal 03.04.21

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CERTIFICATE COURSE

Document ID	2020-21/EVEN/NSIT/ S&H/CC/001	Document Name	ATTENDANCE
Year/ Sem/ Branch	I / II / EEE & MECH	Date	7.4.21-10.4.21 & 12.4.21
Title	Introduction to CAD		

S.NO	REG NUMBER	NAME	7.4.2021		8.4.2021		9.4.2021		10.4.2021		12.4.2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	611720105001	Arulmozhi M	/	/	/	/	/	/	/	/	/	/
2	611720105002	Bharath R	/	/	/	/	/	/	/	/	/	/
3	611720105003	Dhinesh S	/	/	/	/	/	/	/	/	/	/
4	611720105004	Giridharan.M	/	/	/	/	/	/	/	/	/	/
5	611720105005	Jagan V	/	/	/	/	/	/	/	/	/	/
6	611720105006	Jeevan Kumar S	/	/	/	/	/	/	/	/	/	/
7	611720105007	Jeevitha.R	/	/	/	/	/	/	/	/	/	/
8	611720105008	Karthikeyan M	/	/	/	/	/	/	/	/	/	/
9	611720105009	Lohith.S	/	/	/	/	/	/	/	/	/	/
10	611720105010	Madhumitha P	/	/	/	/	/	/	/	/	/	/
11	611720105011	Mani.M	/	/	/	/	/	/	/	/	/	/
12	611720105012	Mounika S	/	/	/	/	/	/	/	/	/	/
13	611720105013	Nandhini S	/	/	/	/	/	/	/	/	/	/
14	611720105014	Naveen K	/	/	/	/	/	/	/	/	/	/
15	611720105015	Naveenkumar P	/	/	/	/	/	/	/	/	/	/
16	611720105016	Nivetha R T	/	/	/	/	/	/	/	/	/	/
17	611720105017	Pavithra R	/	/	/	/	/	/	/	/	/	/
18	611720105018	Pradhap S	/	/	/	/	/	/	/	/	/	/
19	611720105019	Rajmohan.E	/	/	/	/	/	/	/	/	/	/
20	611720105020	Ravindhar S	/	/	/	/	/	/	/	/	/	/
21	611720105021	Santhosh M	/	/	/	/	/	/	/	/	/	/
22	611720105022	Saranya. A	/	/	/	/	/	/	/	/	/	/
23	611720105023	Sathiya. A	/	/	/	/	/	/	/	/	/	/
24	611720105024	Subiksha.A	/	/	/	/	/	/	/	/	/	/
25	611720105025	Suresh .M	/	/	/	/	/	/	/	/	/	/
26	611720105026	Suryaprakash. S	/	/	/	/	/	/	/	/	/	/
27	611720105027	Swetha K	/	/	/	/	/	/	/	/	/	/
28	611720105028	Thamodharan M	/	/	/	/	/	/	/	/	/	/

S.NO	REG NUMBER	NAME	7.4.2021		8.4.2021		9.4.2021		10.4.2021		12.4.2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
29	611720105029	Thennarasu R	/	/	/	/	/	/	/	/	/	/
30	611720105030	Uthayasuriyan. T	/	/	/	/	a	a	/	/	/	/
31	611720105031	Vidhya V	/	/	/	/	/	/	/	/	/	/
32	611720105032	Vijayashri.V	/	/	/	/	/	/	/	/	/	/
33	611720105033	Vinith R	/	/	/	/	/	/	/	/	/	/
34	611720114001	Anbarasan M	/	/	/	/	/	/	/	/	/	/
35	611720114002	Annamalai A	/	/	/	/	/	/	/	/	/	/
36	611720114003	Bhuvaneshwaran G	/	/	/	/	/	/	/	/	/	/
37	611720114004	Dineshvarman R	/	/	/	/	/	/	/	/	/	/
38	611720114005	Harish A	/	/	/	/	/	/	/	/	/	/
39	611720114006	Jayalakshmi K	/	/	/	/	/	/	/	/	/	/
40	611720114007	Jeevanantham M	/	/	/	/	/	/	/	/	/	/
41	611720114008	Karthick S	/	/	/	/	/	/	/	/	/	/
42	611720114009	Kishore K	/	/	/	/	/	/	/	/	/	/
43	611720114010	Praveen G	/	/	/	/	/	/	/	/	/	/
44	611720114011	Sankar Ganesh R	/	/	/	/	/	/	/	/	/	/
45	611720114012	Tamilarasu S	/	/	/	/	/	/	/	/	/	/
46	611720114013	Thirisoolam S	/	/	/	/	/	/	/	/	/	/
47	611720114014	Vignesh T	/	/	/	/	/	/	/	/	/	/
		Total no.of students	47	47	47	47	47	47	47	47	47	47
		Total no.of present	47	47	47	47	46	46	47	47	47	47
		Total no.of absent	–	–	–	–	1	1	–	–	–	–

V. 12/4/21
Co-ordinator
V. Suganya

M. 12/04/21
HoD
Dr. M. Gowdhamamoorthi

12.04.21
Principal
Dr. V. Munusami

FEEDBACK FOR ONLINE CERTIFICATE COURSE ON INTRODUCTION TO CAD (7.4.21-10.4.21 & 12.4.21)

Duration : 30 hrs

Name of the student (in black letters EX. DEEPA S)	Register Number	Department	Course Name	Course organized by	1. Was the training content what you expected?	2. Did the methods of instruction keep you interested in the topic?	3. Could you see and hear the presentations clearly?	4. Please rate the quality of the delivery of instruction	5. How suitable was the mix of presentation versus activities?	6. Level of content knowledge	7. Organization and preparation	8. Ability to keep the group focused	9. Any other suggestions
S.NANDHINI	611720105013	EEE	Introduction to CAD	LIVEWIRE	5	5	4	3	5	3	4	4	No
BHUVANESHWARAN G	611720114003	MECH	Introduction to CAD	CADD Centre	1	2	3	2	1	2	3	2	YES
ARULMOZHI.M	611720105001	EEE	Introduction to CAD	LIVEWIRE	3	5	4	3	3	3	3	3	No
VINITH R	611720105033	EEE	Introduction to CAD	LIVEWIRE	4	4	5	4	4	5	3	5	No other suggestions
HARISH A	611720114005	MECH	Introduction to CAD	CADD Centre	5	4	4	4	4	5	4	4	No suggestions
SWETHA. K	611720105027	EEE	Introduction to CAD	LIVEWIRE	4	4	4	4	4	4	4	4	-
M.SANTHOSH	611720105021	EEE	Introduction to CAD	LIVEWIRE	5	5	5	5	5	5	5	5	Nil
JEEVITHA.R	611720105007	EEE	Introduction to CAD	LIVEWIRE	5	5	5	5	5	5	5	5	-
S.MOUNIKA	611720105012	EEE	Introduction to CAD	LIVEWIRE	5	5	5	5	5	5	5	5	No
PRAVEEN G	611720114010	MECH	Introduction to CAD	CADD Centre	4	4	4	4	4	4	4	3	No
SANKARGANESH.R	611720114011	MECH	Introduction to CAD	CADD Centre	5	5	5	5	5	5	5	5	VERY USEFUL CLASS, I RECEIVED A LOT OF INFORMATION, THANKS TO ALL.
M.Thamodharan	611720105028	EEE	Introduction to CAD	LIVEWIRE	5	5	5	5	5	5	5	5	Thank you mam
V. JAGAN	611720105005	EEE	Introduction to CAD	LIVEWIRE	4	4	4	4	4	4	4	4	No
Vignesh	611720114014	MECH	Introduction to CAD	LIVEWIRE	3	3	3	3	3	3	3	3	No
Naveen Kumar. P	611720105015	EEE	Introduction to CAD	CADD Centre	4	3	5	3	2	2	2	3	No

Subiksha A	611720105024	EEE	Introduction to CAD	LIVEWIRE	4	5	5	5	5	5	5	5	The training course which you have organized is extraordinary. So, no more suggestions.
TAMILARASU.S	611720114012	MECH	Introduction to CAD	CADD Centre	4	4	5	5	4	5	4	5	No
M.ANBARASAN	611720114001	MECH	Introduction to CAD	CADD Centre	5	5	5	5	5	5	5	5	No
JEEVANANDHAM. M	611720114007	MECH	Introduction to CAD	CADD Centre	3	4	3	3	3	3	3	5	Ok good
VIDHYA V	611720105031	EEE	Introduction to CAD	LIVEWIRE	5	5	5	5	4	4	4	5	Nil
SATHIYA.A	611720105023	EEE	Introduction to CAD	LIVEWIRE	5	4	5	5	5	4	5	5	No
THENNARASU R	611720105029	EEE	Introduction to CAD	LIVEWIRE	1	1	1	1	1	1	1	2	No
KARTHIKEYAN. M	611720105008	EEE	Introduction to CAD	LIVEWIRE	5	4	4	3	4	4	4	5	NO
MADHUMITHA.P	611720105010	EEE	Introduction to CAD	CADD Centre	5	5	5	5	5	5	5	5	No
MANI.M	611720105011	EEE	Introduction to CAD	LIVEWIRE	4	5	5	4	4	5	4	4	No
RAJMOHAN E	611720105019	EEE	Introduction to CAD	LIVEWIRE	3	4	3	2	4	3	5	4	I like the course and I want to improve my skills.
DINESHVARMAN R	611720114004	MECH	Introduction to CAD	CADD Centre	5	5	4	5	5	5	5	5	No
NIVETHA.R.T	611720105016	EEE	Introduction to CAD	LIVEWIRE	5	5	4	5	5	5	5	5	Excellent
SARANYA. A	611720105022	EEE	Introduction to CAD	LIVEWIRE	5	5	5	5	5	5	4	5	Nil

V. [signature] 15/4/21

M. [signature] 15/04/21

[signature] 15.4.21

Narasu's Sarathy
Institute of Technology
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admin@nsit.edu.in,www.nsit.edu.in

CERTIFICATE COURSE REPORT

The Department of Science & Humanities **has organized Online Certification Course on "Introduction to CAD"** by **"CADD Centre, Salem"** from **07.04.2021 to 10.04.2021 & 12.04.2021 (5 days).**

Beneficiaries : I EEE & MECH Students (47)

Venue : Virtual mode (Microsoft team)

Course handled by:

External Faculty Members

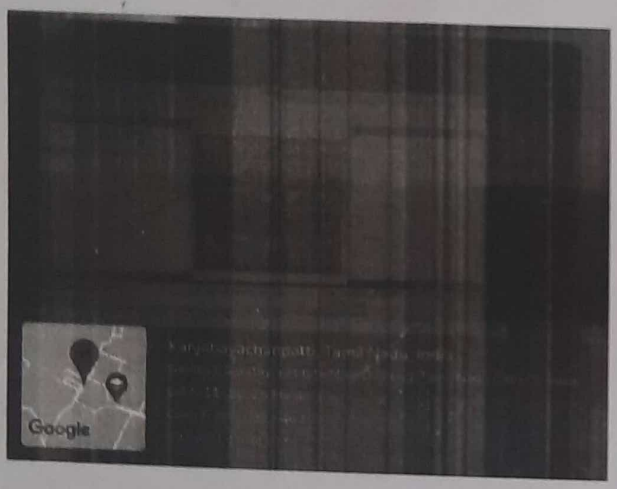
1. Mr. V. Sendilkumar, Business Manager, CADD Centre, Salem.
2. Mr. R. Praveen Raj,, Trainer, LIVEWIRE, Salem.
3. Ms. Anandhajothi, Trainer, LIVEWIRE, Salem.

The topic covered in the first day is Introduction to CAD, Introduction to Engineeering Drawings, Principles of Engineering Drawing, Projections (First & Third angle), Views (Orthographic, Isometric and Perspective) which was taken by Mr. V. Sendilkumar & Mr. R. Praveen Raj, CADD Centre, Salem.

The topic covered in the second day is Introduction to AutoCAD, History, Exploring GUI, Workspaces, Co-ordinate systems, Units, Limits, New, Save, Open, Close, Exit, Erase which was taken by Mr. V. Sendilkumar & Mr. R. Praveen Raj & Ms. Anandhajothi, CADD Centre, Salem.

From 09.04.2021 to 10.04.2021 the external faculties Mr. V. Sendilkumar & Mr. R. Praveen Raj & Ms. Anandhajothi, CADD Centre, Salem, explained in detail about Oops, Undo, Redo, Line, Circle, Polygon, Rectangle, Arc, Elipse, Polyline, Spline, Chamfer, Fillet, Move, Copy, Rotate, Mirror, Explode, Trim, Extend, Offset, Array, Polyline Edit, Spline Edit, Color, Linetype, Ltscale, Lineweight, Hatch, Hatchedit, Text, Style, Mtext, Table, Linear, Aligned, Baseline, Continues, Radius, Diameter, Angular, Ordinate, Dimension style, Page setup and Plotting

At the end of the day (12.04.2021) the trainers were conducted lab session through offline mode at CADD Centre, Salem.



V. Suganya 16/4/21

Event Co-ordinator

V. Suganya

M. Gowdhamamoorthi 16/04/21

HoD

Dr. M. Gowdhamamoorthi

16.04.21

Principal

Dr. V. Munusami

Narasu's Sarathy Institute of Technology
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Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

		Certificate Course	
Document ID:	**2020-21/EVEN/NSIT/S&H/CC/002**	**Document Name:**	**Requisition Letter**

31/03/2021

From

Dr. M. Gowdhamamoorthi,
Professor & Head,
Department of Science and Humanities,
NSIT, Salem.

Permitted
31.03.21

To

The Principal,
NSIT, Salem.

Respected Sir,

Sub: Seeking permission to conduct **"CompTIA N+"** by **"Livewire, Salem"** Certification program- Reg.

In accordance to the MoU signed between **Livewire and NSIT, the Department of Science & Humanities is planning to conduct** a short term online certificate course (30 hrs) to our first year CSE, ECE & IT students.

This program will assist the students to improve their career to become a software Professional and enhance students' quality and competency. This Certification will help them to get placed in eminent companies.

Students are keen enough to attend the certificate program. Hence, we request your permission to organize the above course.

Thanking You

Yours faithfully,
31/03/21

Narasu's Sarathy Institute of Technology

Approved by AICTE | Accredited By NAAC | Affiliated to Anna University

Poosaripatty, Kadayampatti Taluk, Salem - 636 305, Tamil Nadu. India.

Phone: 04290 - 249661
04290 - 249662
Fax : 04290 - 249663
Mobile : 93449 72274
93449 72275
admin@nsit.edu.in

Date: 31.03.2021

To

LIVEWIRE,

Managing Director,

Salem.

Dear Sir,

Narasu's Sarathy institute of Technology, Salem is a fast growing institution in Tamil Nadu. Our college strives to bridge the gap between the deprived with high dreams and higher education by prevailing over the hindrances in attaining it.

We are planning to organize an online certificate course for first year students during April 2021. You have established your work with several years of experience. Your guidance regarding the certificate course will help our students.

We would appreciate it very much if you would accept our invitation to deliver your valuable sessions. Your cooperation in this direction will highly encourage us and make the course a grand success.

We request you to deliver a course on Computer networks for our first year CSE, ECE & IT (strength 148) students. We would be very much honoured if your faculty can be our guest and present the lecture.

Looking forward to a positive reply.

Yours Sincerely

31.03.21

Principal, NSIT

Dr. V. MUNUSAMI, M.E., Ph.D.,
PRINCIPAL
Narasu's Sarathy Institute
of Technology
Poosaripatty, SALEM - 636 305.

NARASU'S SARATHY INSTITUTE OF TECHNOLOGY
16, POOSARIPATTY
SALEM - 636 305.

Narasu's Sarathy Institute of Technology Approved by AICTE | Accredited By NAAC | Affiliated to Anna University Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305. Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003, admin@nsit.edu.in,www.nsit.edu.in		**Certificate Course**	
Document ID:	**2020-21/EVEN/NSIT/S&H/CC/002**	**Document Name:**	**Circular**

Date: 03.04.2021

Circular

The Department of Science and Humanities has planned to conduct online certificate course for five days from **07.04.2021 to 10.04.2021 & 12.04.2021** for first year **CSE, ECE & IT** students on **CompTIA N+**. The duration of the course is 30 hours. In accordance with the MOU signed by NSIT and CADD centre, Salem, we are offering as Free online Certificate course. All the students are hereby instructed to register via https://forms.gle/D9kkJm4pCdvPw7MD9.

The concerned CC's (CSE, ECE & IT) are requested to encourage the students for maximum participants.

Venue: Online mode

V. Suganya 3/4/21
Co-ordinator
V. Suganya

M. Gowdhamamoorthi 03/04/21
HoD
Dr. M. Gowdhamamoorthi

Principal 3.4.21
Dr. V. Munusami

Copy to:

- Chairman/ Vice Chairman/Pro Chairman
- All Department HOD's
- All Class Advisors (1st year)
- Main Notice board / Library Notice board / Office
- IQAC

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Certificate Course

Document ID:	2020-21/EVEN/NSIT/S&H/CC/002	Document Name:	Syllabus (30 hrs)

Date: 03.04.2021

- Introduction to Computer networks, Types of networks
- Network Topologies, Basic hardware, Networking Media
- Crimping, Types of cables used to connect devices, OSI reference layer
- Identifying the devices in OSI layer
- LAN Technologies, Ethernet fundamentals, Ethernet Switching
- MAC address , STP, VLAN
- Configuring NIC, Finding the MAC address, Capturing switch and hub functions
- TCP/IP Model, Binary numbering, Converting a binary number to decimal
- IP addressing (v4)
- Binary numbering practice, Identifying the classes of IP address, Assigning IPaddress (Static & Dynamic)
- Subnetting
- Supernetting, FLSM & VLSM
- Subnetting practice, configuring subnets
- Remote Access, Firewall
- IPV6,IPV6 Configuration
- Routing fundamentals, Types of routing
- Static routing on Cisco routers,Configuring static routing on Cisco routers

V. Suganya 3/4/21
Co-ordinator
V. Suganya

M. Gowdhamamoorthi 03/04/21
HoD
Dr. M. Gowdhamamoorthi

3-4-21
Principal
Dr. V. Munusami

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Certificate Course (30 hrs)

Document ID:	2020-21/EVEN/NSIT/S&H/CC/002	Document Name:	Time Table

Date: 03.04.2021

CompTIA N+

Date	I 9.30-10.20	II 10.20-11.10	III 11.20-12.10	IV 12.10-1.00	1.00-2.00	V 2.00-2.50	VI 2.50-3.40
07.04.2021	Inauguration & Introduction	Introduction to Computer networks, Types of networks (Mr. Sathish)		Network Topologies (Mr. Sathish)	LUNCH BREAK	Basic hardware (Mr. R. Navaneethan)	Networking Media (Mr. R. Navaneethan)
08.04.2021	Crimping, Types of cables used to connect devices, OSI reference layer (Mr. R. Navaneethan)		Identifying the devices in OSI layer, LAN Technologies, Ethernet fundamentals, Ethernet Switching (Mr. Pradeep)			MAC address , STP, VLAN, Configuring NIC (Mr. Pradeep)	Finding the MAC address (Mr. R. Navaneethan)
09.04.2021	Capturing switch and hub functions (Mr. Sathish)	TCP/IP Model (Mr. R. Navaneethan)	Binary numbering, Converting a binary number to decimal, IP addressing (v4) (Mr. Pradeep)			Binary numbering practice, Identifying the classes of IP address (Mr. R. Navaneethan)	Assigning IP address (Static & Dynamic) (Mr. Pradeep)
10.04.2021	Subnetting, Supernetting, FLSM & VLSM, Subnetting, Supernetting, Subnetting practice (Mr. Pradeep)		configuring subnets, Remote Access, Firewall, IPV6, IPV6 Configuration, Routing fundamentals (Mr. R. Navaneethan)			Routing fundamentals, Types of routing, Static routing on Cisco routers, Configuring static routing on Cisco routers (Mr. Sathish)	
12.04.2021	LAB Session ((Mr. R. Navaneethan & Mr. Pradeep)					LAB Session ((Mr. R. Navaneethan & Mr. Pradeep)	

Co-ordinator
V. Suganya

HoD 23/04/21
Dr. M. Gowdhamamoorthi

Principal 3.4.21
Dr. V. Munusami

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CERTIFICATE COURSE

Document ID	2020-21/EVEN/NSIT/ S&H/CC/002	Document Name	ATTENDANCE
Year/ Sem/ Branch	I / II / CSE, ECE & IT	Date	7.4.21-10.4.21 & 12.4.21
Title	CompTIA N+		

S.NO	REG NUMBER	NAME	7.4.2021		8.4.2021		9.4.2021		10.4.2021		12.4.2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	611720104001	Abirami.R	/	/	/	/	/	/	/	/	/	/
2	611720104002	Anitha.S	/	/	/	/	/	/	/	/	/	/
3	611720104003	Anjali A	/	/	/	/	/	/	/	/	/	/
4	611720104004	Arun R	/	/	/	/	/	/	/	/	/	/
5	611720104005	Benzee Patricia J	/	/	/	/	/	/	/	/	/	/
6	611720104006	Chandralega J	/	/	/	/	/	/	/	/	/	/
7	611720104007	Deenathayalan.S	/	/	/	/	/	/	/	/	/	/
8	611720104008	Devaki.J	/	/	/	/	/	/	/	/	/	/
9	611720104009	Dhamotharan. P	/	/	/	/	/	/	/	/	/	/
10	611720104010	Dhanu Shree.M	/	/	/	/	/	/	/	/	/	/
11	611720104011	Dharani.M	/	/	/	/	/	/	/	/	/	/
12	611720104012	Dinesh.B	/	/	/	/	/	/	/	/	/	/
13	611720104013	Elakkiya. R	/	/	/	/	/	/	/	/	/	/
14	611720104014	Elambharathi.K	/	/	/	/	/	/	/	/	/	/
15	611720104015	Elavarasan.T	/	/	/	/	/	/	/	/	/	/
16	611720104016	Elumalai K	/	/	/	/	/	/	/	/	/	/
17	611720104017	Gayathri.K	/	/	/	/	/	/	/	/	/	/
18	611720104019	Gokularavanan.R	/	/	/	/	/	/	/	/	/	/
19	611720104020	Gokulnath.N	/	/	/	/	/	/	/	/	/	/
20	611720104021	Guna.S	/	/	/	/	/	/	/	/	/	/
21	611720104022	Gunasekaran.M	/	/	/	/	/	/	/	/	/	/
22	611720104023	Hariharan K	/	/	/	/	/	/	/	/	/	/
23	611720104024	Hariharan. M	/	/	/	/	/	/	/	/	/	/
24	611720104025	Harish V	/	/	/	/	/	/	/	/	/	/
25	611720104026	Hema.P	/	/	/	/	/	/	/	/	/	/
26	611720104027	Hemalatha.M	/	/	/	/	/	/	/	/	/	/
27	611720104028	Indhumathi.B	/	/	/	/	/	/	/	/	/	/
28	611720104030	Janarthanan. K	/	/	/	/	/	/	/	/	/	/
29	611720104031	Jothiprabha. M	/	/	/	/	/	/	/	/	/	/
30	611720104032	Kalaikovan. P	/	/	/	/	/	/	/	/	/	/
31	611720104033	Karthika.P	/	/	/	/	/	/	/	/	/	/
32	611720104034	M.Kavipriya	/	/	/	/	/	/	/	/	/	/
33	611720104035	Kaviya.B	/	/	/	/	/	/	/	/	/	/

S.NO	REG NUMBER	NAME	7.4.2021		8.4.2021		9.4.2021		10.4.2021		12.4.2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
34	611720104036	Kaviyashree.N	/	/	/	/	/	/	/	/	/	/
35	611720104037	Keerthana.K	/	/	/	/	/	/	/	/	/	/
36	611720104038	Kiran Raj P	/	/	/	/	/	/	/	/	/	/
37	611720104039	Kiruthika J	/	/	/	/	/	/	/	/	/	/
38	611720104040	Kishore S	/	/	/	/	/	/	/	/	/	/
39	611720104041	Madhumitha.M	/	/	/	/	/	/	/	/	/	/
40	611720104042	Mohammedumar.M	/	/	/	/	/	/	/	/	/	/
41	611720104043	Mohan Raj S	/	/	/	/	/	/	/	/	/	/
42	611720104044	Monisha.M	/	/	/	/	/	/	/	/	/	/
43	611720104045	Mouleeshwaran.B	/	/	/	/	/	/	/	/	/	/
44	611720104046	Munivel.P	/	/	/	/	/	/	/	/	/	/
45	611720104047	Nandhini. K	/	/	/	/	/	/	/	/	/	/
46	611720104048	Nandhini Sree.A	/	/	/	/	/	/	/	/	/	/
47	611720104049	Nareshkumar.A	/	/	/	/	/	/	/	/	/	/
48	611720104050	Naveen.K	/	/	/	/	/	/	/	/	/	/
49	611720104051	Naveena. K	/	/	/	/	/	/	/	/	/	/
50	611720104052	Naveen Raj.R	/	/	/	/	/	/	/	/	/	/
51	611720104053	Nitheesh C	/	/	/	/	/	/	/	/	/	/
52	611720104070	Siranjivi.G	/	/	/	/	/	/	/	/	/	/
53	611720104081	Venkatesh R	/	/	/	/	/	/	/	/	/	/
54	611720104018	Gobika G	/	/	/	/	/	/	/	/	/	/
55	611720104029	Iswarya R	/	/	/	/	/	/	/	/	/	/
56	611720104054	Obusakthi N	/	/	/	/	/	/	/	/	/	/
57	611720104055	Pavithra M	/	/	/	/	/	/	/	/	/	/
58	611720104056	Prasath S	/	/	/	/	/	/	/	/	/	/
59	611720104057	Prathish S	/	/	/	/	/	/	/	/	/	/
60	611720104058	Praveena.R	/	/	/	/	/	/	/	/	/	/
61	611720104059	Rameshkumar K	/	/	/	/	/	/	a	a	/	/
62	611720104060	Ranganayaki R	/	/	/	/	/	/	/	/	/	/
63	611720104061	Rathi P	/	/	/	/	/	/	/	/	/	/
64	611720104062	Rathinavel M	/	/	/	/	/	/	/	/	/	/
65	611720104063	Rithika R	/	/	/	/	/	/	/	/	/	/
66	611720104064	Rizwan S	/	/	/	/	/	/	/	/	/	/
67	611720104065	Saran D	/	/	/	/	/	/	/	/	/	/
68	611720104066	Sasipriya K	/	/	/	/	/	/	/	/	/	/
69	611720104067	Sathishkumar K	/	/	/	/	/	/	/	/	/	/
70	611720104068	Sathya A	/	/	/	/	/	/	/	/	/	/
71	611720104069	Sathya.P	/	/	/	/	/	/	/	/	/	/
72	611720104071	Sowmika B	/	/	/	/	/	/	/	/	/	/
73	611720104072	Srilekha R	/	/	/	/	/	/	/	/	/	/
74	611720104073	Srimathi M	/	/	/	/	/	/	/	/	/	/
75	611720104074	Srisuryaprasanth.S	/	/	/	/	/	/	/	/	a	a
76	611720104075	Sugapriya S	/	/	/	/	/	/	/	/	/	/

S.NO	REG NUMBER	NAME	7.4.2021		8.4.2021		9.4.2021		10.4.2021		12.4.2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
77	611720104076	Sujith M L	/	/	/	/	/	/	/	/	/	/
78	611720104077	Surendhiran M	/	/	/	/	/	/	/	/	/	/
79	611720104078	Suriya M	/	/	/	/	/	/	/	/	/	/
80	611720104079	Surya S	/	/	/	/	/	/	/	/	/	/
81	611720104080	Umar Farook S	/	/	/	/	/	/	/	/	/	/
82	611720104082	Vignesh M	/	/	/	/	/	/	/	/	/	/
83	611720104083	Vigneshwaran M	/	/	/	/	/	/	/	/	/	/
84	611720104084	Vijay L S	/	/	/	/	/	/	/	/	/	/
85	611720104085	Vinith kumar V	/	/	/	/	/	/	/	/	/	/
86	611720104086	Visali K J	/	/	/	/	/	/	/	/	/	/
87	611720104087	Yuvashree R	/	/	/	/	/	/	/	/	/	/
88	611720106001	Aarthi J	/	/	/	/	/	/	/	/	/	/
89	611720106002	Deepa S	/	/	/	/	/	/	/	/	/	/
90	611720106003	Devathai D	/	/	/	/	/	/	/	/	/	/
91	611720106004	Dhaneeswari D	/	/	/	/	/	/	/	/	/	/
92	611720106005	Dhineshkumar A	/	/	/	/	/	/	/	/	/	/
93	611720106006	Dhivya U	/	/	/	/	/	/	/	/	/	/
94	611720106007	Divya V	/	/	/	/	/	/	/	/	/	/
95	611720106008	Elavarasan G	/	/	/	/	/	/	/	/	/	/
96	611720106009	Gokul kirthik M	/	/	/	/	/	/	/	/	/	/
97	611720106010	Gokulnath S	/	/	/	/	/	/	/	/	/	/
98	611720106011	Harikrishnan K	/	/	/	/	/	/	/	/	/	/
99	611720106012	Janakrishna L	/	/	/	/	/	/	/	/	/	/
100	611720106013	Jeevan Prasath G	/	/	/	/	/	/	/	/	/	/
101	611720106014	Kabil.K	/	/	/	/	/	/	/	/	/	/
102	611720106015	Kalaivani N	/	/	/	/	/	/	/	/	/	/
103	611720106016	Kasilingam.A	/	/	/	/	/	/	/	/	/	/
104	611720106017	Keerthana N	/	/	/	/	/	/	/	/	/	/
105	611720106018	Kishore Kumar S	/	/	/	/	/	/	/	/	/	/
106	611720106019	Kousalya S	/	/	/	/	/	/	/	/	/	/
107	611720106020	Maheswari M	/	/	/	/	/	/	/	/	/	/
108	611720106021	Manokar G	/	/	/	/	/	/	/	/	/	/
109	611720106022	Nandhini A	/	/	/	/	/	/	/	/	/	/
110	611720106023	Naveen kumar.S	a	a	a	a	a	a	a	a	a	a
111	611720106024	Parameshwaran S	/	/	/	/	/	/	/	/	/	/
112	611720106025	Parthasarathi P	/	/	/	/	/	/	/	/	/	/
113	611720106026	Parthiban G	/	/	/	/	/	/	/	/	/	/
114	611720106027	Priyadharshini T	/	/	/	/	/	/	/	/	/	/
115	611720106028	Ranjith M	/	/	/	/	/	/	/	/	/	/
116	611720106029	Ranjitha S	/	/	/	/	/	/	/	/	/	/
117	611720106030	Rithika P	/	/	/	/	/	/	/	/	/	/
118	611720106031	Rubini J	/	/	/	/	/	/	/	/	/	/
119	611720106032	Sabari Keerthana K	/	/	/	/	/	/	/	/	/	/

S.NO	REG NUMBER	NAME	7.4.2021		8.4.2021		9.4.2021		10.4.2021		12.4.2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
120	611720106033	Saran M	/	/	/	/	/	/	/	/	/	/
121	611720106034	Sathish R	/	/	/	/	/	/	/	/	/	/
122	611720106035	Sivan A	/	/	/	/	/	/	/	/	/	/
123	611720106036	Sivasakthi S	/	/	/	/	a	a	/	/	/	/
124	611720106037	Soundhar S	/	/	/	/	/	/	/	/	/	/
125	611720106038	Sowndarya R	/	/	/	/	/	/	/	/	/	/
126	611720106039	Sridhar J	/	/	/	/	/	/	/	/	/	/
127	611720106040	Sujithra P	/	/	/	/	/	/	/	/	/	/
128	611720106041	Surya R	/	/	/	/	/	/	/	/	/	/
129	611720106042	Tharaniraj S	/	/	/	/	/	/	/	/	/	/
130	611720106043	Vasanthakumar D	/	/	/	/	/	/	/	/	/	/
131	611720205001	Anupriya S	/	/	/	/	/	/	/	/	/	/
132	611720205002	Arivumathi S S	/	/	/	/	/	/	/	/	/	/
133	611720205003	Dhanush R	/	/	/	/	/	/	/	/	a	a
134	611720205004	Dhinesh Kumar T	/	/	/	/	/	/	/	/	/	/
135	611720205005	Harinath C	/	/	/	/	/	/	/	/	/	/
136	611720205006	Johnson C	/	/	/	/	/	/	/	/	/	/
137	611720205007	Kalaiyarasan.K	/	/	/	/	/	/	/	/	/	/
138	611720205008	Karthick M	/	/	/	/	/	/	/	/	/	/
139	611720205009	Manivel S	/	/	/	/	/	/	/	/	/	/
140	611720205010	Manoj kumar G	/	/	/	/	/	/	/	/	/	/
141	611720205011	Moorthy M	/	/	/	/	/	/	/	/	/	/
142	611720205012	Poovarasan S	/	/	/	/	/	/	/	/	/	/
143	611720205013	Prasath M	/	/	/	/	/	/	/	/	/	/
144	611720205014	Preethika S	/	/	/	/	/	/	/	/	/	/
145	611720205015	Sakthivel P	/	/	/	/	/	/	/	/	/	/
146	611720205016	Sathish V	/	/	/	/	/	/	/	/	/	/
147	611720205017	Sudhan R	/	/	/	/	/	/	/	/	/	/
148	611720205018	Udayapriyan S	/	/	/	/	a	a	/	/	/	/
		Total no.of students	148	148	148	148	148	148	148	148	148	148
		Total no.of present	148	148	147	147	145	145	146	146	145	145
		Total no.of absent	–	–	1	1	3	3	2	2	3	3

V. Suganya 16/4/21

Co-ordinator
V. Suganya

M. Gowdhamamoorthi 16/04/21

HoD
Dr. M. Gowdhamamoorthi

16.04.21

Principal
Dr. V. Munusami

FEEDBACK FOR ONLINE CERTIFICATE COURSE ON INTRODUCTION TO CAD (7.4.21-10.4.21 & 12.4.21)

Duration : 30 hrs

Name of the student (in black letters EX. DEEPA S)	Register Number	Department	Course Name	Course organized by	1. Was the training content what you expected?	2. Did the methods of instruction keep you interested in the topic?	3. Could you see and hear the presentations clearly?	4. Please rate the quality of the delivery of instruction	5. How suitable was the mix of presentation versus activities?	6. Level of content knowledge	7. Organization and preparation	8. Ability to keep the group focused	9. Any other suggestions
KISHORE KUMAR S	611720106018	ECE	CompTIA N+	LIVEWIRE	4	4	5	4	4	4	4	4	No
K.Elambharathi	611720104014	CSE	CompTIA N+	LIVEWIRE	5	5	4	2	3	4	5	1	No
SUJITHRA.P	611720106040	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Nothing
PARTHASARATHI. P	611720106025	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Nothing
GOKULNATH.S	611720106010	ECE	CompTIA N+	LIVEWIRE	4	5	5	5	5	4	4	4	-
ELAKKIYA. R	20CS13	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Really useful for our future... We gained many knowledge through the course.. We felt happy about knowing about network..Thank you for the sessions .
JANAKRISHNA.L	611720106012	ECE	CompTIA N+	LIVEWIRE	2	3	2	2	5	5	5	5	Nil sir
KAVIPRIYA. M	611720104034	CSE	CompTIA N+	LIVEWIRE	2	4	5	4	5	3	1	5	NO
SATHISH R	611720106934	ECE	CompTIA N+	LIVEWIRE	5	5	3	5	5	5	5	5	Nil
HARIKRISHNAN K	611720106011	ECE	CompTIA N+	LIVEWIRE	5	5	4	5	5	4	5	5	No
ELAVARASAN.G	611720106008	ECE	CompTIA N+	LIVEWIRE	3	3	3	3	3	3	3	3	No
PARTHIBAN G	611720106026	ECE	CompTIA N+	LIVEWIRE	4	4	4	4	4	4	4	4	No
AARTHI J	611720106001	ECE	CompTIA N+	LIVEWIRE	4	5	5	4	4	5	4	5	Nthg , I could knew something about this network
SURYA R	611720106041	ECE	CompTIA N+	LIVEWIRE	5	5	4	4	5	5	5	5	Class is very useful
SIVAN.A	611720106035	ECE	CompTIA N+	LIVEWIRE	5	4	3	1	3	4	2	4	No
SIRANJIVI G	611720104070	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	4	No
K.NAVEENA	611720104051	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
RITHIKA. P	611720106030	ECE	CompTIA N+	LIVEWIRE	4	5	5	5	5	4	4	5	No suggestion
SABARI KEERTHANA K	611720106032	ECE	CompTIA N+	LIVEWIRE	5	5	4	5	5	5	5	5	No suggestions
VASANTHAKUMAR.D	611740206043	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No suggestions
PRIYADHARSHINI.T	611720106027	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No

Devathai.D	611720106003	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Null
MANOKAR G	6379283191	ECE	CompTIA N+	LIVEWIRE	4	4	5	5	3	4	5	4	No
DEEPA S	611720106002	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	4	4	No
HARIHARAN K	611720104023	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Nothing
M.DHANU SHREE	611720104010	CSE	CompTIA N+	LIVEWIRE	3	4	4	4	4	3	4	4	No
KARTHIKA. P	611720104033	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	-
RUBINI J	611720106031	ECE	CompTIA N+	LIVEWIRE	5	4	5	5	4	5	5	5	No suggestions
GUNA S	20CS21	CSE	CompTIA N+	CADD Centre	2	1	4	3	2	5	3	2	No
KEERTHANA N	611720106017	ECE	CompTIA N+	LIVEWIRE	5	5	5	4	5	5	4	5	Very useful class in future
Gokulnath.N	611720104020	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
GAYATHRI.K	611720104017	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
JANARTHANAN K	611720104030	CSE	CompTIA N+	LIVEWIRE	4	5	5	5	5	5	5	5	No sir
ANITHA S	611720104002	CSE	CompTIA N+	LIVEWIRE	2	1	2	1	3	3	2	2	Nil
ABIRAMI.R	611720104001	CSE	CompTIA N+	LIVEWIRE	5	4	5	4	4	3	4	3	Good
N. KALAIVANI	611720106015	ECE	CompTIA N+	LIVEWIRE	3	2	5	3	2	2	2	4	Yes
MONISHA M	611720104044	CSE	CompTIA N+	LIVEWIRE	4	4	4	4	4	4	4	4	-
BENZEE PATRICIA J	611720104005	CSE	CompTIA N+	LIVEWIRE	4	5	5	5	5	5	5	5	Nothing
DHINESHKUMAR A	611720106005	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No suggestions
JEEVAN PRASATH G	611720106013	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Nothing
KAVIYASHREE N	611720104036	CSE	CompTIA N+	LIVEWIRE	4	4	5	5	5	4	5	5	No
SOWNDARYA.R	611720106038	ECE	CompTIA N+	LIVEWIRE	5	5	3	4	2	5	5	2	No suggestions
SARAN M	611720106033	ECE	CompTIA N+	LIVEWIRE	3	4	3	4	5	4	4	3	No problem
MOULEESHWARAN.B	611720104045	CSE	CompTIA N+	LIVEWIRE	4	4	4	3	5	5	5	5	No
J. KIRUTHIKA	611720104039	CSE	CompTIA N+	LIVEWIRE	3	5	3	4	5	3	3	2	No
KALAIKOVAN P	611720104032	CSE	CompTIA N+	LIVEWIRE	4	5	5	5	4	4	5	5	I don't know that this much of job opportunities in networking until attend this class and it's really helpful to me
CHANDRALEGA J	611720104006	CSE	CompTIA N+	LIVEWIRE	5	4	5	5	4	5	5	5	No
THARANIRAJ S	611720106042	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
MOHAMMED UMAR.M	611720104042	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Class is very good and very usefull
KEERTHANA.K	611720104037	CSE	CompTIA N+	LIVEWIRE	4	4	5	4	4	5	4	5	No
DIVYA V	611720106007	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
M.maheswari	611720106020	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Nothing
PRATHISH S	611720104057	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No Suggestion sir

GUNASEKARAN M	611720104022	CSE	CompTIA N+	LIVEWIRE	5	4	5	5	5	5	5	5	No
PRASATH S	611720104056	CSE	CompTIA N+	LIVEWIRE	4	5	5	4	5	4	4	4	NO
MUNIVEL P	611720104046	CSE	CompTIA N+	LIVEWIRE	4	5	5	5	4	4	4	4	No
PRAVEENA.R	611720104058	CSE	CompTIA N+	LIVEWIRE	5	5	4	3	4	5	4	4	No
VIGNESH M	611720104082	CSE	CompTIA N+	LIVEWIRE	2	1	2	3	4	4	4	4	Nothing
SASI PRIYA K	611720104066	CSE	CompTIA N+	LIVEWIRE	4	3	4	4	4	4	4	3	No
SUJITH ML	611720104076	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Plz conduct session like this. I want a class like this for software development.
SIVASAKTHI.S	611720106036	ECE	CompTIA N+	LIVEWIRE	2	2	2	2	2	2	2	2	No
NANDHINI A	611720106022	ECE	CompTIA N+	LIVEWIRE	3	5	5	5	4	3	4	5	No
KABIL K	611720106014	ECE	CompTIA N+	LIVEWIRE	5	5	5	2	5	5	4	3	NIL
SATHYA P	611720104069	CSE	CompTIA N+	LIVEWIRE	1	2	3	2	1	3	4	1	No
HARISH V	611720104025	CSE	CompTIA N+	LIVEWIRE	4	4	4	5	4	5	4	4	Help full
DHINESH KUMAR T	611720205004	IT	CompTIA N+	LIVEWIRE	4	5	4	4	5	5	5	4	In this certification course is knowledge full
D. SARAN	611720104065	CSE	CompTIA N+	LIVEWIRE	3	3	3	4	3	4	3	3	Nothing sir/mam
SATHISH.V	611720205016	IT	CompTIA N+	LIVEWIRE	4	4	4	4	4	4	4	4	No
JOTHIPRABHA. M	611720104031	CSE	CompTIA N+	LIVEWIRE	3	3	3	3	3	3	3	4	-
YUVASHREE.R	611720104087	CSE	CompTIA N+	LIVEWIRE	4	5	4	5	4	4	4	4	No
VISALI. K. J	611720104086	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
MANIVEL.S	611720205009	IT	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
SATHYA.A	611720104068	CSE	CompTIA N+	LIVEWIRE	4	3	1	2	5	4	4	3	No
SAKTHIVEL P	617720205015	IT	CompTIA N+	LIVEWIRE	4	3	3	4	3	4	4	4	No
Surya S	611720104079	CSE	CompTIA N+	LIVEWIRE	4	3	4	4	3	4	4	3	Good
SUGAPRIYA S	611720104075	CSE	CompTIA N+	LIVEWIRE	3	4	5	5	5	4	4	3	Nothing
GOBIKA G	611720104018	CSE	CompTIA N+	LIVEWIRE	3	4	5	5	5	4	4	3	Nothing
RIZWAN.S	611720104064	CSE	CompTIA N+	LIVEWIRE	2	2	2	2	2	3	3	3	No
VIJAY LS	611720104084	CSE	CompTIA N+	LIVEWIRE	4	4	3	4	3	4	4	4	No
PAVITHRA.M	611720104055	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	I am very interested about knowing those things
S.POOVARASAN	611720205012	IT	CompTIA N+	LIVEWIRE	5	5	5	4	4	4	4	4	Ok
SRIMATHI M	611720401073	CSE	CompTIA N+	LIVEWIRE	4	4	4	5	4	5	5	5	no i want more certification courses like this from our college
A.NARESHKUMAR	611720104049	CSE	CompTIA N+	LIVEWIRE	5	4	5	4	5	4	4	5	no
SATHISHKUMAR K	611720104067	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
HEMALATHA.M	611720104027	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	NOTHING

SURIYA.M	611720104078	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	No
MOHAN RAJ S	611720104043	CSE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	4	3	Nothinng
NANDHINI SREE.A	611720104048	CSE	CompTIA N+	LIVEWIRE	4	4	5	3	4	3	3	5	.
DINESH B	611720104012	CSE	CompTIA N+	LIVEWIRE	4	5	5	5	5	4	5	5	No
UMAR FAROOK S	611720104081	CSE	CompTIA N+	LIVEWIRE	4	4	5	4	4	4	4	5	.
RATHI.P	611720104061	CSE	CompTIA N+	LIVEWIRE	4	3	4	4	5	5	4	5	No
UDHAYA PRIYAN. S	611720205018	IT	CompTIA N+	LIVEWIRE	3	5	2	5	3	1	5	4	No
KAVIYA B	611720104035	CSE	CompTIA N+	LIVEWIRE	5	5	4	5	4	4	4	5	No
HEMA.P	611720104026	CSE	CompTIA N+	LIVEWIRE	3	1	5	3	1	4	5	5	-
MOORTHY M	611720205011	IT	CompTIA N+	LIVEWIRE	4	5	4	4	5	5	4	5	It's very useful and important
ANJALI A	611720104003	CSE	CompTIA N+	LIVEWIRE	5	4	4	4	4	5	4	5	Useful class
ELAVARASAN.T	611720104015	CSE	CompTIA N+	LIVEWIRE	3	4	4	4	3	5	4	3	No
PREETHIKA S	611720205014	IT	CompTIA N+	LIVEWIRE	4	5	3	5	4	5	3	3	No
DHARANI.M	611720104011	CSE	CompTIA N+	LIVEWIRE	4	4	5	5	4	4	5	5	Good
RANJITH M	611720106028	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Always good
ISWARYA.R	611720104029	CSE	CompTIA N+	LIVEWIRE	5	5	5	4	5	4	5	5	-
SOWMIKA.B	611720104071	CSE	CompTIA N+	LIVEWIRE	2	2	2	2	3	2	3	3	no
DEVAKI J	611720104008	CSE	CompTIA N+	LIVEWIRE	5	5	5	4	4	5	5	5	No
DHANEESWARI D	611720106004	ECE	CompTIA N+	LIVEWIRE	5	5	5	5	5	5	5	5	Nothing

V. Suriya

M. Chandini 15/04/21

15.04.21

Narasu's Sarathy
Institute of Technology
Approved by AICTE | Accredited By NAAC | Affiliated to Anna University
Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636 309
Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in,www.nsit.edu.in

CERTIFICATE COURSE REPORT

The Department of Science & Humanities **has organized Online Certification Course on "CompTIA N+"** by **"Livewire, Salem"** from **07.04.2021 to 10.04.2021 & 12.04.2021 (5 days).**

Beneficiaries : I CSE, ECE & IT Students (148)

Venue : Virtual mode (Microsoft team)

Course handled by:

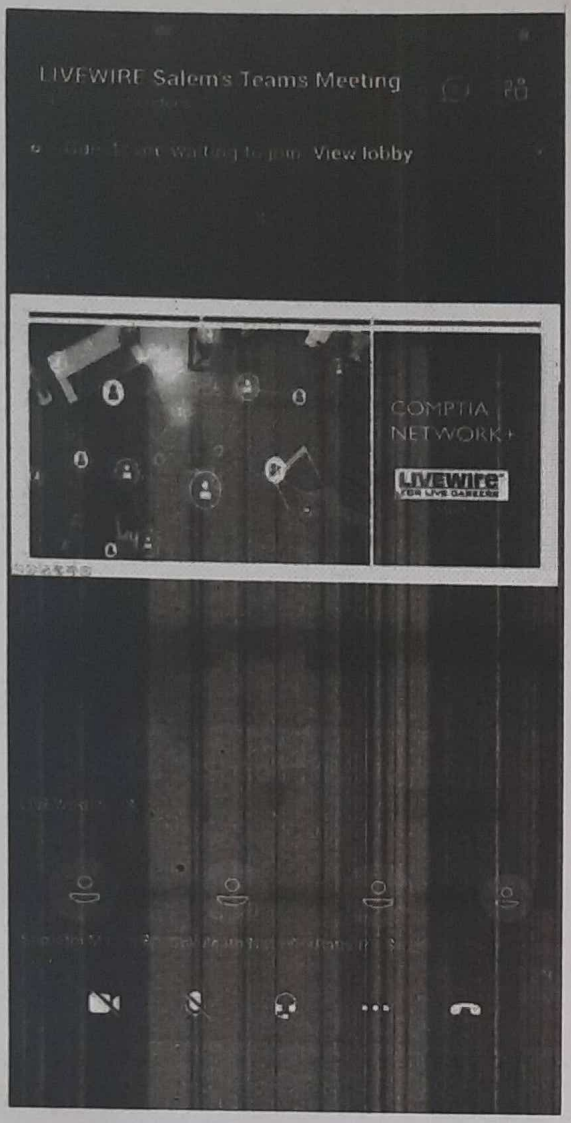
External Faculty Members

1. Mr. R. Navaneethan, Centre Manager, LIVEWIRE, Salem.
2. Mr. Sathish, Trainer, LIVEWIRE, Salem.
3. Mr. Pradeep, Trainer, LIVEWIRE, Salem.

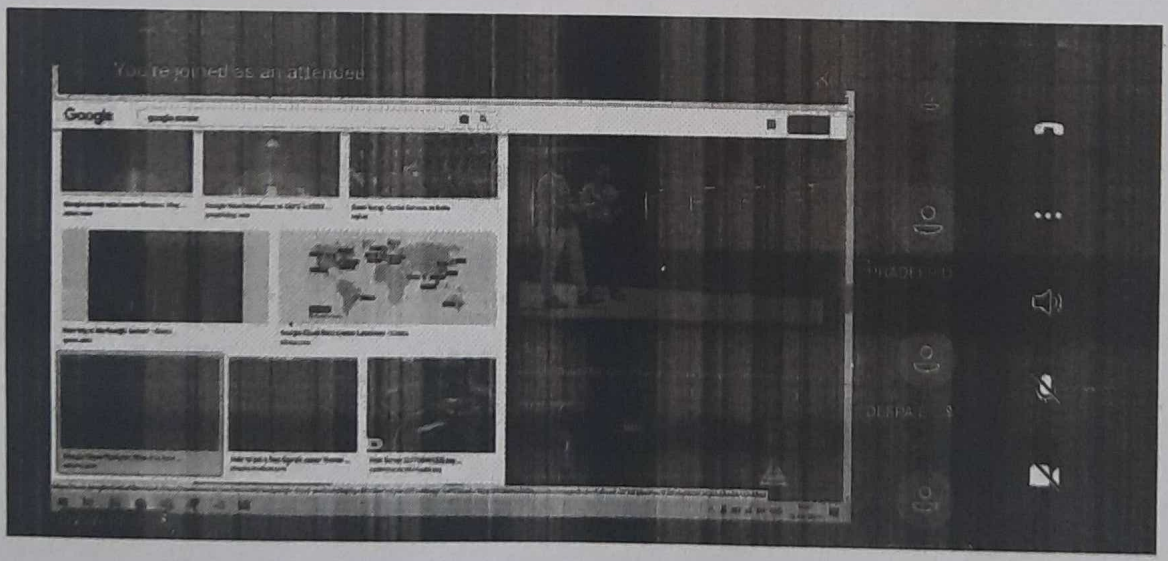
The topic covered in the first day is Introduction to Computer networks, Types of networks, Network Topologies, Basic hardware, Networking Media which was taken by Mr. R. Navaneethan & Mr. Sathish, LIVEWIRE, Salem.

From 08.04.2021 to 10.04.2021 the external faculties Mr. R. Navaneethan, Mr. Sathish & Mr. Pradeep, LIVEWIRE, Salem, explained in detail about Crimping, Types of cables used to connect devices, OSI layer, LAN Technologies, Ethernet fundamentals, Ethernet Switching, MAC address , STP, VLAN, Configuring NIC, Finding the MAC address, TCP/IP Model, Binary numbering, Converting a binary number to decimal, IP addressing (v4), Binary numbering practice, Identifying the classes of IP address, Assigning IP address (Static & Dynamic), Subnetting, Supernetting, FLSM & VLSM, Subnetting practice, configuring subnets, Remote Access, Firewall, IPV6,IPV6 Configuration, Routing fundamentals, Types of routing, Static routing on Cisco routers,Configuring static routing on Cisco routers.

At the end of the day 12.04.2021 the trainers were conducted lab session through offline mode at LIVEWIRE, Salem.


LIVEWIRE Salem's Teams Meeting
View lobby
COMPTIA
NETWORK+
LIVEWIRE

LIVEWIRE Salem's Teams Meeting


You're joined as an attendee
Google

V. 16/4/21

Event Co-ordinator

V. Suganya

M. 16/04/21

HoD

Dr. M. Gowdhamamoorthi

16/04/21

Principal

Dr. V. Munusami