



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETYPALAYAM, PANRUTI – 607 106.

ACADEMIC YEAR
2023-2024



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

INDEX

S. No.	Name of Add on /Certificate / Value-added programs offered	Duration	Page No.
1	Basics of Electrical and Electronics	30 Hours	1-19
2	Modern Trends in Manufacturing Technology	30 Hours	20-34
3	Block Chain Technology	30 Hours	35-56
4	Internet of Things	30 Hours	57-73
5	Arduino Programming	30 Hours	74-87
6	Matlab and Simulink for Electrical Engineers	30 Hours	88-105
7	Arduino Programming	30 Hours	106-124
8	Embedded System Design	30 Hours	125-139
9	Coding with Python	30 Hours	140-165
10	Modern Trends in Manufacturing Technology	30 Hours	166-181



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

CIRCULAR

(2023 – 2024)

CIR. No: SACET/S&H/CIR/ 19


27.02.2024

The Department of Science and Humanities has planned to conduct a value added course on “**Basics of Electrical and Electronics**” for first year ECE & EEE students from 04.03.2024 to 08.03.2024.

- Name of the Resource Person(S):
- 1. Mr. S. Durai Raj, M.E**
Assistant Professor
Electronics and Communication Engineering,
St. Anne's College of Engineering and Technology,
Panruti.
 - 2. Mrs. T. Arthi, M.E**
Assistant Professor
Electrical and Electronics Engineering,
St. Anne's College of Engineering and Technology,
Panruti.

Venue: Annai Annammaal Block – Engineering Practice Lab


EVENT COORDINATOR


HOD 27/2/24
DEPARTMENT OF S & H,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur Post, Panruti T.k.
Cuddalore Dist.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

Organizes

Five Days Value- Added Course

on

“BASICS OF ELECTRICAL AND ELECTRONICS”

Resource Persons



Mr. S. Durairaj, M.E
Assistant Professor
Department of ECE



Mrs. T. Arthi, M.E
Assistant Professor
Department of EEE

Date: 04.03.24 to 08.03.24

Venue: Engineering Practice Laboratory



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI - 607 106

DEPARTMENT OF SCIENCE AND HUMANITIES VALUE ADDED COURSE ON BASICS OF ELECTRICAL AND ELECTRONICS

Student Registration List

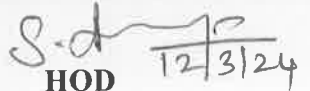
DEPT: ECE & EEE

DATE: 4.03.24 to 8.03.24

S.NO	REGISTER.NO	STUDENT NAME
1.	422123106001	Abinaya S
2.	422123106002	Alwin A
3.	422123106003	Arjunan A
4.	422123106004	Arul Murugan T
5.	422123106005	Ayyappan B
6.	422123106006	Bairavi V
7.	422123106007	Balaji M
8.	422123106008	Devi Sri B
9.	422123106009	Dhinesh D
10.	422123106010	Dhivyadharshini E
11.	422123106011	Divya R
12.	422123106012	Duraimurugan K
13.	422123106013	Duraiselvam R
14.	422123106014	Guna P
15.	422123106015	Harikrishnan B
16.	422123106016	Jayadharshan J
17.	422123106017	Jayasri B
18.	422123106018	Jayasuriya V K
19.	422123106019	Kamalinisha S M
20.	422123106020	Litheswaran S
21.	422123106021	Mano Preethi A
22.	422123106022	Mohamed Rafil N
23.	422123106023	Mohanbarath M
24.	422123106024	Prasanth M
25.	422123106025	Praveena N
26.	422123106026	Praveenkumar P
27.	422123106027	Rabinraj G
28.	422123106028	Rohan Raj A
29.	422123106029	Sangeetha K
30.	422123106030	Santhana Krishnan P
31.	422123106031	Senthamizhselvi R
32.	422123106032	Sibi G
33.	422123106033	Sivaranjani K

34.	422123106034	Sriranjani K
35.	422123106035	Surendiraprabu S
36.	422123106036	SweetyPorcia V
37.	422123106037	Varthika S
38.	422123106038	Vimalraj R
39.	422123106039	Vishwa J
40.	422123105001	Antony Johnson Raj A
41.	422123105002	Grayson Raj B
42.	422123105003	Jeeva S
43.	422123105004	Jervin M
44.	422123105005	Kajendhiran K
45.	422123105006	Kamalraj P
46.	422123105007	Kishore M
47.	422123105008	Manojkumar S
48.	422123105009	Nayanthara M
49.	422123105010	Prasanna M
50.	422123105011	Ragul E
51.	422123105012	Rajeev R
52.	422123105013	Sam Dani A
53.	422123105014	Shankar T
54.	422123105015	Sivamani K
55.	422123105016	Vinothkumar A
56.	422123105017	Yuvan K


EVENT COORDINATOR


HOD 12/31/24



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

SYLLABUS FOR VALUE ADDED COURSE ON BASICS OF ELECTRICAL AND ELECTRONICS

COURSE OBJECTIVES:

- ✓ To expose to the field of electrical & electronics engineering, and to acquire the fundamental knowledge in the field.
- ✓ To understand the construction and working principle of DC and AC machine
- ✓ To facilitate understanding of basic electronics and operational amplifier circuits

COURSE CONTENT

DAY 1: BASICS LAW'S

Ohm's law, Kirchoff's voltage and current laws, Nodes-Branched and loops, Series elements and Voltage Division, Parallel elements and Current Division, Star-Delta transformation, Independent sources and Dependent sources, source transformation.

DAY 2: AC FUNDAMENTALS I

Reviews of Complex Algebra, Sinusoids, phasors, Phasor Relations of circuit elements, Impedance and admittance, Impedance Combinations, Series and Parallel combination of inductors and , Mesh analysis and Nodal analysis

Day3: AC FUNDAMENTALS II

RMS and average values, Form factors, Steady state Analysis of series, Parallel and Series Parallel combination of R,L,C with Sinusoidal excitation, Instantaneous power, Real power, and Apparent power, concept of Power factor, Frequency.

Day4: FUNDAMENTALS OF ELECTRICAL MACHINES

Construction, Principle, Operation and Application of (i) Single phase Transformer (ii) Single phase Induction motor (iii) DC Motor.

DAYS5: PASSIVE COMPONENTS

Passive and active components. Resistors: Specification of resistors. Classification of resistors based on construction and their features, features and examples of fixed and variable resistors

COURSE OUTCOMES:

On successful completion of the course, the students will be able to

- Understand the basic terminology/definitions of electrical and electronics engineering
- Apply the knowledge of theorems/laws to analyze the simple circuits
- Use the principles of electromagnetic induction in electrical applications.
- Construct and analyze simple AC circuits.
- Select the electrical machines for different applications


EVENT-COORDINATOR


HOD 12/31/24



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI - 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

Value Added Course Attendance Sheet

Dept: ECE &EEE

Title: Basics of Electrical and Electronics

Period: 2023-2024

Date: 04.03.2024 to 08.03.2024

S.NO	NAME OF THE STUDENTS	04.03.2024		05.03.2024		06.03.2024		07.03.2024		08.03.2024	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
ECE											
1	ABINAYA S	Abin	Abin	Abin	Abin	Abin	Abin	Abin	Abin	Abin	Abin
2	ALWIN A	Alwin	Alwin	Alwin	Alwin	Alwin	Alwin	Alwin	Alwin	Alwin	Alwin
3	ARJUNAN A	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun
4	ARUL MURUGAN T	Arul Murugan	Arul Murugan	AB	AB	Arul Murugan	Arul Murugan	AB	AB	Arul Murugan	Arul Murugan
5	AYYAPPAN B	AB	AB	Ayyappan	Ayyappan	Ayyappa	Ayyappa	Ayyappa	Ayyappa	AB	AB
6	BAIRAVI V	Bairavi	Bairavi	Bairavi	Bairavi	Bairavi	Bairavi	Bairavi	Bairavi	Bairavi	Bairavi
7	BALAJI M	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji
8	DEVI SRI B	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi
9	DHINESH D	AB	AB	AB	AB	Dhinesh	Dhinesh	Dhinesh	Dhinesh	Dhinesh	Dhinesh
10	DHIVYADHARSHINI E	Dhivyadh	Dhivyadh	Dhivyadh	Dhivyadh	Dhivyadh	Dhivyadh	Dhivyadh	Dhivyadh	Dhivyadh	Dhivyadh
11	DIVYA R	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya
12	DURAIMURUGAN K	Duraimurugan	Duraimurugan	AB	AB	Duraimurugan	Duraimurugan	Duraimurugan	Duraimurugan	Duraimurugan	Duraimurugan
13	DURAISELVAM R	Durai	Durai	Durai	Durai	Durai	Durai	Durai	Durai	Durai	Durai

14	GUNA P	Guna	Guna	Guna	Guna	AB	AB	Guna	Guna	Guna	Guna
15	HARIKRISHNAN B	Harika	Harika	Harika	Harika	Harika	Harika	Harika	Harika	Harika	Harika
16	JAYADHARSHAN J	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya
17	JAYASRI B	Jasri	Jasri	Jasri	Jasri	Jasri	Jasri	Jasri	Jasri	Jasri	Jasri
18	JAYASURIYA V K	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya	Jayasuriya
19	KAMALINISHA S M	Ka.	Ka.	Ka.	Ka.	Ka.	Ka.	Ka.	Ka.	Ka.	Ka.
20	LITHESWARAN S	Litheswaran	Litheswaran	Litheswaran	Litheswaran	Litheswaran	Litheswaran	Litheswaran	Litheswaran	Litheswaran	Litheswaran
21	MANO PREETHI A	Mano	Mano	Mano	Mano	Mano	Mano	Mano	Mano	Mano	Mano
22	MOHAMED RAFIL N	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed
23	MOHANBARATH M	Mohanbarath	Mohanbarath	Mohanbarath	Mohanbarath	Mohanbarath	Mohanbarath	Mohanbarath	Mohanbarath	Mohanbarath	Mohanbarath
24	PRASANTH M	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth
25	PRAVEENA N	Praveena	Praveena	AB	AB	AB	AB	Praveena	Praveena	Praveena	Praveena
26	PRAVEENKUMAR P	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
27	RABINRAJ G	Rabinraj	Rabinraj	Rabinraj	Rabinraj	Rabinraj	Rabinraj	Rabinraj	Rabinraj	Rabinraj	Rabinraj
28	ROHAN RAJ A	Rohanraj	Rohanraj	Rohanraj	Rohanraj	Rohanraj	Rohanraj	Rohanraj	Rohanraj	Rohanraj	Rohanraj
29	SANGEETHA K	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha
30	SANTHANA KRISHNAN	Santhana	Santhana	Santhana	Santhana	Santhana	Santhana	Santhana	Santhana	Santhana	Santhana
31	SENTHAMIZHSELVI R	Senthamizhselvi	Senthamizhselvi	Senthamizhselvi	Senthamizhselvi	AB	AB	Senthamizhselvi	Senthamizhselvi	Senthamizhselvi	Senthamizhselvi
32	SIBI G	Sibi	Sibi	Sibi	Sibi	Sibi	Sibi	Sibi	Sibi	Sibi	Sibi
33	SIVARANJANI K	Sivaranjani	Sivaranjani	Sivaranjani	Sivaranjani	Sivaranjani	Sivaranjani	Sivaranjani	Sivaranjani	Sivaranjani	Sivaranjani
34	SRIRANJANI K	Sriranjani	Sriranjani	Sriranjani	Sriranjani	Sriranjani	Sriranjani	Sriranjani	Sriranjani	Sriranjani	Sriranjani
35	SURENDRAPRABU S	Surenprabu	Surenprabu	Surenprabu	Surenprabu	Surenprabu	Surenprabu	Surenprabu	Surenprabu	Surenprabu	Surenprabu
36	SWEETY POROJA V	Sweetyporoja	Sweetyporoja	Sweetyporoja	Sweetyporoja	Sweetyporoja	Sweetyporoja	Sweetyporoja	Sweetyporoja	Sweetyporoja	Sweetyporoja
37	VARTHIKA S	Varthika	Varthika	Varthika	Varthika	Varthika	Varthika	Varthika	Varthika	Varthika	Varthika

38	VIMALRAJ R	AB	AB	Vimalraj	Vimalraj	Vimalraj	Vimalraj	AB	AB	Vimalraj	Vimalraj
39	VISHWA J	Vishwa J.	Vishwa J.	Vishwa J.	Vishwa J.	Vishwa J.	Vishwa J.	Vishwa J.	Vishwa J.	Vishwa J.	Vishwa J.
EEE											
40	ANTONY JOHNSON RAJ	Antony	Antony	Antony	Antony	Antony	Antony	Antony	Antony	Antony	Antony
41	GRAYSON RAJ B	Grayson	Grayson	Grayson	Grayson	Grayson	Grayson	Grayson	Grayson	Grayson	Grayson
42	JEEVA S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
43	JERVIN M	Jervin	Jervin	Jervin	Jervin	Jervin	Jervin	Jervin	Jervin	Jervin	Jervin
44	KAJENDHIRAN K	Kajandhiran	Kajandhiran	Kajandhiran	Kajandhiran	Kajandhiran	Kajandhiran	Kajandhiran	Kajandhiran	Kajandhiran	Kajandhiran
45	KAMALRAJ P	P.Kamalaraj	P.Kamalaraj	P.Kamalaraj	P.Kamalaraj	P.Kamalaraj	P.Kamalaraj	P.Kamalaraj	P.Kamalaraj	P.Kamalaraj	P.Kamalaraj
46	KISHORE M	M.Kishore	M.Kishore	M.Kishore	M.Kishore	M.Kishore	M.Kishore	M.Kishore	M.Kishore	M.Kishore	M.Kishore
47	MANOJKUMAR S	S.Manojkumar	S.Manojkumar	S.Manojkumar	S.Manojkumar	S.Manojkumar	S.Manojkumar	S.Manojkumar	S.Manojkumar	S.Manojkumar	S.Manojkumar
48	NAYANTHARA M	M.Nayanthara	M.Nayanthara	M.Nayanthara	M.Nayanthara	M.Nayanthara	M.Nayanthara	M.Nayanthara	M.Nayanthara	M.Nayanthara	M.Nayanthara
49	PRASANNA M	M.Prasanna	M.Prasanna	M.Prasanna	M.Prasanna	M.Prasanna	M.Prasanna	M.Prasanna	M.Prasanna	M.Prasanna	M.Prasanna
50	RAGUL E	E.Ragul	E.Ragul	E.Ragul	E.Ragul	E.Ragul	E.Ragul	E.Ragul	E.Ragul	E.Ragul	E.Ragul
51	RAJEEV R	R.Rajeev	R.Rajeev	R.Rajeev	R.Rajeev	R.Rajeev	R.Rajeev	AB	AB	AB	AB
52	SAM DANILA	A.Sandani	A.Sandani	A.Sandani	A.Sandani	A.Sandani	A.Sandani	A.Sandani	A.Sandani	A.Sandani	A.Sandani
53	SHANKAR T	T.Shankar	T.Shankar	T.Shankar	T.Shankar	T.Shankar	T.Shankar	T.Shankar	T.Shankar	T.Shankar	T.Shankar
54	SIVAMANI K	K.Sivamani	K.Sivamani	K.Sivamani	K.Sivamani	K.Sivamani	K.Sivamani	K.Sivamani	K.Sivamani	K.Sivamani	K.Sivamani
55	VINOTHKUMAR A	A.Vinothkumar	A.Vinothkumar	A.Vinothkumar	A.Vinothkumar	A.Vinothkumar	A.Vinothkumar	A.Vinothkumar	A.Vinothkumar	A.Vinothkumar	A.Vinothkumar
56	YUVAN K	K.Yuvan	K.Yuvan	K.Yuvan	K.Yuvan	K.Yuvan	K.Yuvan	K.Yuvan	K.Yuvan	K.Yuvan	K.Yuvan


EVENT COORDINATOR


HOD 12/3/24

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106



DEPARTMENT OF SCIENCE AND HUMANITIES

VALUE ADDED COURSE ON BASICS OF ELECTRICAL AND ELECTRONICS

ASSESSMENT MARKS

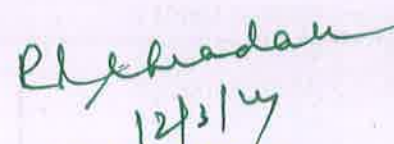
DEPT: ECE & EEE

DATE: 4.03.24 to 8.03.24

S.NO	REGISTER.NO	STUDENT NAME	MARKS
1.	422123106001	Abinaya S	88
2.	422123106002	Alwin A	89
3.	422123106003	Arjunan A	91
4.	422123106004	Arul Murugan T	87
5.	422123106005	Ayyappan B	85
6.	422123106006	Bairavi V	94
7.	422123106007	Balaji M	89
8.	422123106008	Devi Sri B	96
9.	422123106009	Dhinesh D	86
10.	422123106010	Dhivyadharshini E	90
11.	422123106011	Divya R	92
12.	422123106012	Duraimurugan K	88
13.	422123106013	Duraiselvam R	87
14.	422123106014	Guna P	85
15.	422123106015	Harikrishnan B	96
16.	422123106016	Jayadharshan J	86
17.	422123106017	Jayasri B	91
18.	422123106018	Jayasuriya V K	88
19.	422123106019	Kamalinisha S M	90
20.	422123106020	Litheswaran S	87
21.	422123106021	Mano Preethi A	93
22.	422123106022	Mohamed Rafil N	90
23.	422123106023	Mohanbarath M	89
24.	422123106024	Prasanth M	97
25.	422123106025	Praveena N	88
26.	422123106026	Praveenkumar P	86
27.	422123106027	Rabinraj G	87
28.	422123106028	Rohan Raj A	89
29.	422123106029	Sangeetha K	90
30.	422123106030	Santhana Krishnan P	86
31.	422123106031	Senthamizhselvi R	85
32.	422123106032	Sibi G	86
33.	422123106033	Sivaranjani K	92

34.	422123106034	Sriranjani K	96
35.	422123106035	Surendiraprabu S	90
36.	422123106036	SweetyPorcia V	96
37.	422123106037	Varthika S	91
38.	422123106038	Vimalraj R	88
39.	422123106039	Vishwa J	92
40.	422123105001	Antony Johnson Raj A	90
41.	422123105002	Grayson Raj B	93
42.	422123105004	Jervin M	95
43.	422123105005	Kajendhiran K	88
44.	422123105006	Kamalraj P	85
45.	422123105007	Kishore M	89
46.	422123105008	Manojkumar S	90
47.	422123105009	Nayanthara M	96
48.	422123105010	Prasanna M	87
49.	422123105011	Ragul E	91
50.	422123105012	Rajeev R	87
51.	422123105013	Sam Dani A	93
52.	422123105014	Shankar T	86
53.	422123105015	Sivamani K	96
54.	422123105016	Vinothkumar A	94
55.	422123105017	Yuvan K	87


EVENT COORDINATOR


12/3/24
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.


HOD 12/3/24



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

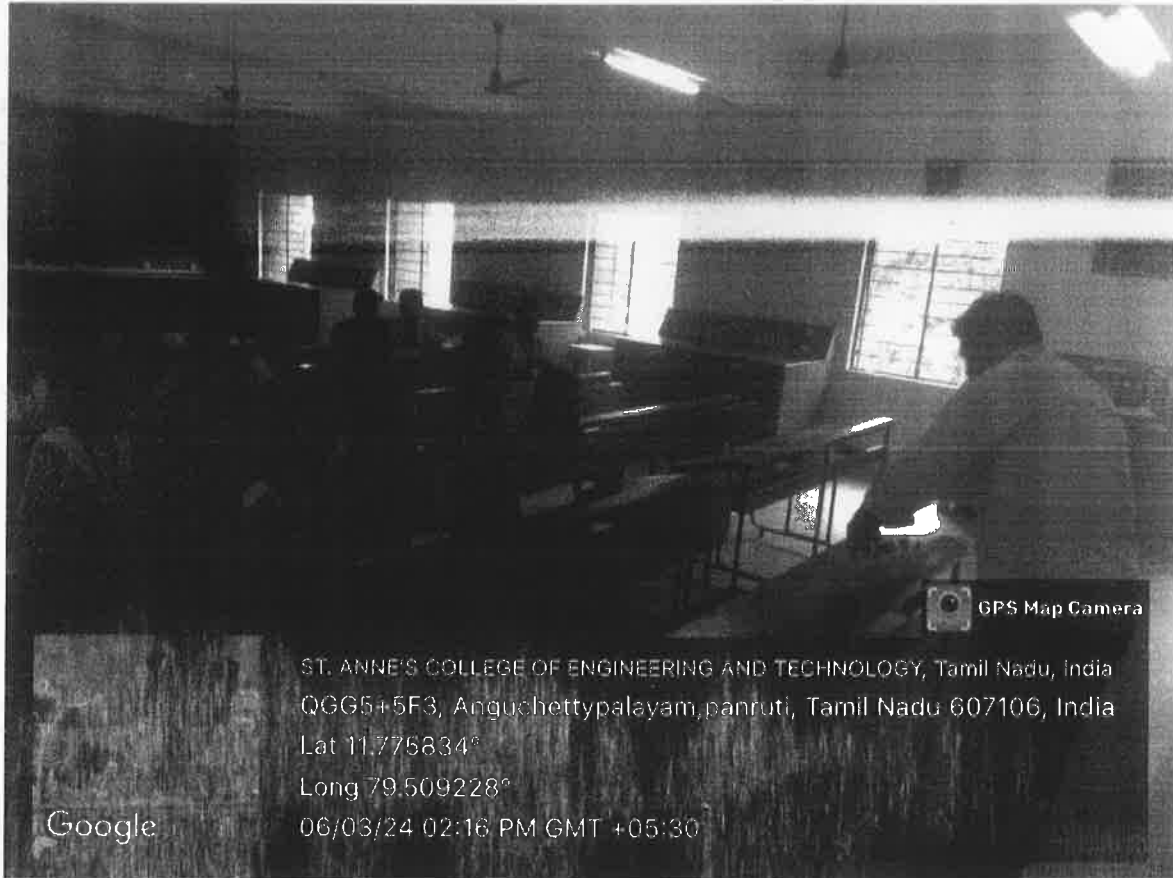
DEPARTMENT OF SCIENCE AND HUMANITIES

BASICS OF ELECTRICAL AND ELECTRONICS

REPORT

The value-added course was organized by the Science and Humanities Department for First Year Students on **Basics of Electrical and Electronics** from 04.03.2024 to 08.03.2024 at St. Anne's College of Engineering and Technology. The session was led by Mr. S. Durairaj, AP/ECE, and Mrs. T. Arthi, AP/EEE of St. Anne's College of Engineering and Technology.


This value-added course focuses on understanding the fundamentals of electrical and electronics engineering, which is crucial for anyone interested in the field. The curriculum integrated hands-on lab sessions and real-world case studies, fostering a dynamic learning environment. Participant feedback underscored the course's efficacy, emphasizing the direct relevance and applicability of the acquired skills to their professional roles. Throughout the training, participants demonstrated increased proficiency in the basics of electrical and electronics, enabling them to tackle complex electrical engineering challenges.



The practical approach of the course facilitated a seamless transition from theory to application. Noteworthy achievements include participants' enhanced ability to solve intricate problems through implementing practical knowledge, improved understanding of the concept, and increased confidence in utilizing the basics for real-world projects. The course's success was evident in the positive outcomes reported by participants, reinforcing its impact on bridging the gap between theoretical knowledge and practical implementation. Recommendations for future courses include exploring advanced topics and fostering industry collaborations to provide participants with exposure to real-world projects. Overall, the Value-Added Course on Basics of Electrical and Electronics proved understanding the basics of electrical and electronics engineering, including AC fundamentals, electrical machines, passive components, and basic laws, lays a strong foundation for more advanced study and application in the field. Mastery of these concepts is essential for designing, analyzing, and troubleshooting electrical and electronic systems. Further exploration and practical application of these topics will deepen comprehension and skill in the domain.


EVENT COORDINATOR


HOD 12/3/24


PRINCIPAL 14/3/24
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

FEEDBACK ON VALUE ADDED COURSE

Department: S&H (ECE & EEE)

Title: Basics of Electrical and Electronics

Period: 2023-2024

Date: 4.03.24 to 8.03.24

Q.No	Question	Student Count	Credit By Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Course plan	55	40	15	0	0	0	260	275	95%
2	Training duration	55	28	27	0	0	0	248	275	90%
3	Interactive approach	55	20	23	12	0	0	228	275	83%
4	Mode of presentation	55	19	24	12	0	0	227	275	83%
5	The course material handed out was adequate	55	32	11	11	1	0	239	275	87%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	55	30	13	9	3	0	235	275	85%
7	The course exposed you to new knowledge and practices	55	29	18	8	0	0	241	275	88%
8	Were objectives of the course clear to you?	55	35	20	0	0	0	255	275	93%
9	The course contents met with your expectations	55	27	19	9	0	0	238	275	87%
10	How would you rate the overall course content?	55	30	15	10	0	0	240	275	87%

PREPARED BY

12/3/24
VERIFIED BY

12/3/24
APPROVED BY
Dr. R. AROKIA DASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k).



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETYPALAYAM, PANRUTI – 607 106.

FEEDBACK ON VALUE ADDED COURSE-S&H (ECE & EEE)

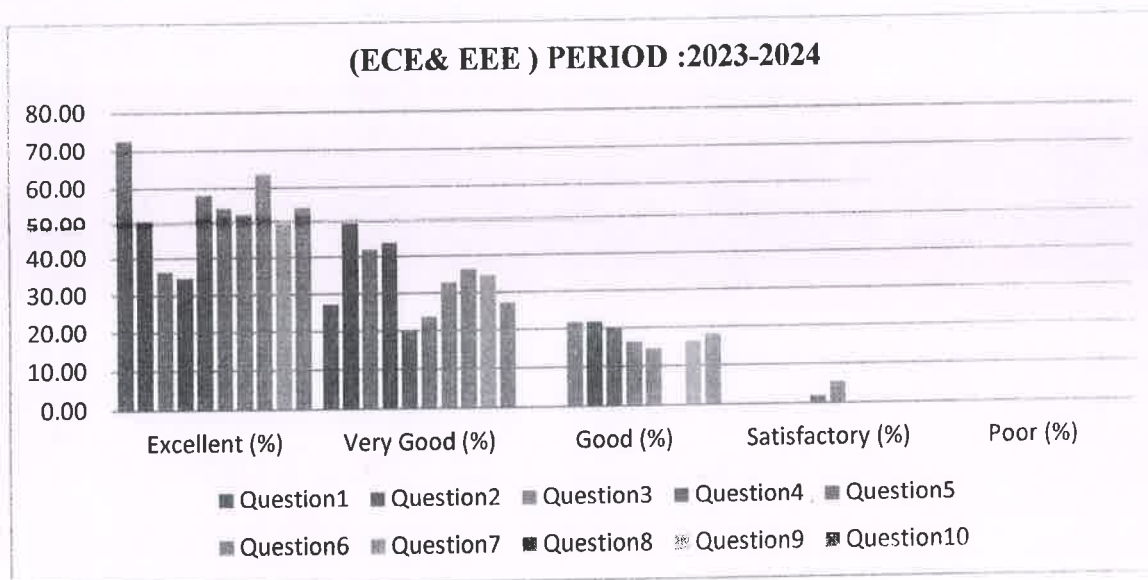
NUMBER OF STUDENTS: 55

PERIOD: 2023-2024

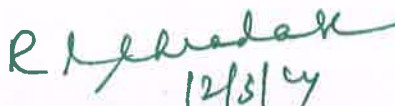
DATE: 4.03.24 to 8.03.24

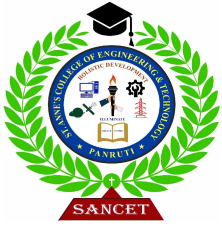
TITLE: BASICS OF ELECTRICAL AND ELECTRONICS

Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question1	72.73	27.27	0.00	0.00	0.00
Question2	50.91	49.09	0.00	0.00	0.00
Question3	36.36	41.82	21.82	0.00	0.00
Question4	34.55	43.64	21.82	0.00	0.00
Question5	58.18	20.00	20.00	1.82	0.00
Question6	54.55	23.64	16.36	5.45	0.00
Question7	52.73	32.73	14.55	0.00	0.00
Question8	63.64	36.36	0.00	0.00	0.00
Question9	49.09	34.55	16.36	0.00	0.00
Question10	54.55	27.27	18.18	0.00	0.00



It is observed from the graph that around 90% of student's feedback on value added course as "Excellent" and "Very Good"


 12/3/24
Dr. R. AROKIADASS, M.E., Ph.D.,
 Principal,
 St. Anne's College of Engineering & Technology,
 ANGUCHETYPALAYAM,
 (Sim... .. Panruti (T. K).



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ABINAYA S

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BASICS OF ELECTRICAL AND ELECTRONICS "

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

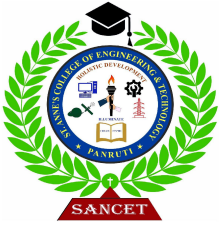
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ALWIN A

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BASICS OF ELECTRICAL AND ELECTRONICS "

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

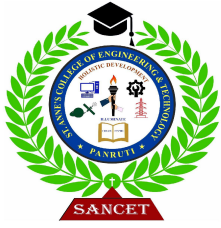
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ARJUNAN A

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BASICS OF ELECTRICAL AND ELECTRONICS "

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

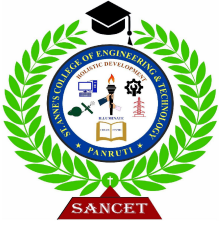
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ANTONY JOHNSON RAJ A

Department of Electrical and Electronics Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BASICS OF ELECTRICAL AND ELECTRONICS "

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

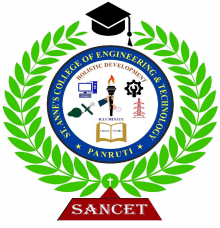
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

GRAYSON RAJ B

Department of Electrical and Electronics Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BASICS OF ELECTRICAL AND ELECTRONICS "

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

CIRCULAR

(2023 – 2024)

CIR. No: SACET/S&H/CIR/ 20

27.02.2024

The Department of Science and Humanities has planned to conduct a value added course on “**Modern Trends in Manufacturing Technology**” for first year Mechanical students from 04.03.2024 to 08.03.2024.

Name of the Resource Person: **Mr. M. Sivamanikandan, ME**
Assistant Professor
Department of Mechanical Engineering,
St. Anne's College of Engineering and technology
Panruti.

Venue: Xavier Block – Mechatronics Lab


EVENT COORDINATOR


HOD

**DEPARTMENT OF S & H,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur Post, Panruti T.K.
Cuddalore Dist 607**



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

Organizes

Five Days Value- Added Course

on

**“MODERN TRENDS IN
MANUFACTURING TECHNOLOGY”**

Resource Person



Mr. M. Sivamanikandan, M.E

Assistant Professor

Department of MECH

Date: 04.03.24 to 08.03.24

Venue: Mechatronics Lab



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

SYLLABUS FOR VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

COURSE OBJECTIVES:

1. To classify non-traditional machining processes and describe mechanical energy based non-traditional machining processes.
2. To differentiate chemical and electro chemical energy-based processes.
3. To describe thermo-electric energy-based processes
4. To study concepts of Additive manufacturing Demo of Tinker CAD software and 3D printing.
5. To study the basic concepts of CNC of machine tools and constructional features of CNC.
6. To learn the basics of CNC programming concepts to develop the part programme for Machine centre and turning centre

COURSE CONTENT

DAY 1: INTRODUCTION AND MECHANICAL ENERGY BASED PROCESSES

Introduction - Need for non-traditional machining processes - Classification of non-traditional machining processes - Applications, advantages and limitations of non-traditional machining processes - Abrasive jet machining, Abrasive water jet machining, Ultrasonic machining their principles, equipment, effect of process parameters, applications, advantages and limitations.

DAY2: CHEMICAL AND ELECTRO CHEMICAL ENERGY BASED PROCESSES

Principles, equipments, effect of process parameters, applications, advantages and limitations of Chemical machining, Electro-chemical machining, Electro-chemical honing, Electro-chemical grinding, Electro chemical deburring.

DAY3: THERMO-ELECTRIC ENERGY BASED PROCESSES

Principles, equipments, effect of process parameters, applications, advantages and limitations of Electric discharge machining, Wire electric discharge machining, Laser beam machining, Plasma arc machining, Electron beam machining, Ion beam machining.

DAY4: ADDITIVE MANUFACTURING

Basic concepts of Additive manufacturing Demo of Tinker CAD software-Hands-on training Auto CAD, slicing software [cura] and 3D printing. Hands on training on Tinker CAD ,3D printing

DAY5: CNC MACHINES AND PROGRAMMING OF CNC MACHINE TOOLS

Computer Numerical Control (CNC) machine tools, constructional details, special features – Drives, Recalculating ball screws, tool changers; CNC Control systems – Open/closed, point-to-point/continuous - Turning and machining centres- Coordinates, axis and motion, Absolute vs Incremental, Interpolators, Polar coordinates, Program planning, G and M codes, Manual part programming for CNC machining centres and Turning centres – Fixed cycles.

COURSE OUTCOMES

1. Formulate different types of non-traditional machining processes and evaluate mechanical energy based non-traditional machining processes.
2. Illustrate chemical and electro chemical energy based processes.
3. Evaluate thermo-electric energy based processes
4. Interpret concepts of Additive manufacturing, Tinker CAD software and 3D printing.
5. Apply the constructional features and working principles of CNC machine tools and demonstrate the Program CNC machine tools through planning, writing codes


EVENT COORDINATOR


HOD 12/3/24

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106



DEPARTMENT OF SCIENCE AND HUMANITIES

VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

Student Registration List

DEPT: MECH		DATE: 4.03.24 to 8.03.24
S.NO	REGISTER.NO	STUDENT NAME
1	422123114001	Adhimani A
2	422123114002	Ajanthan S
3	422123114004	Aravind A
4	422123114005	Edishon Kumar B
5	422123114006	Harish R
6	422123114007	Kalaiselvan S
7	422123114008	Kavibharathi A
8	422123114009	Madhan M
9	422123114010	Manivasagan T
10	422123114011	Muthazhagan N
11	422123114012	Saravanan M
12	422123114013	Thamizharasan K
13	422123114014	Vignesh S
14	422123114015	Yuvaraj B


EVENT COORDINATOR


HOD 12/3/24



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

Value Added Course Attendance Sheet

Dept: MECH

Period: 2023-2024

Title: Modern Trends in Manufacturing Technology

Date: 04.03.2024 to 08.03.2024

S.NO	NAME OF THE STUDENTS	04.03.2024		05.03.2024		06.03.2024		07.03.2024		08.03.2024	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	ADHIMANIA	A. Adhina	A. Adhina	A. Adhina	A. Adhina	A. Adhina	A. Adhina	A. Adhina	A. Adhina	A. Adhina	A. Adhina
2	AJANTHANS	S. Ajanth	S. Ajanth	S. Ajanth	S. Ajanth	S. Ajanth	S. Ajanth	S. Ajanth	S. Ajanth	S. Ajanth	S. Ajanth
3	ARAVIND A	A. Aravind	A. Aravind	A. Aravind	A. Aravind	A. Aravind	A. Aravind	A. Aravind	A. Aravind	A. Aravind	A. Aravind
4	EDISHON KUMAR B	AB	AB	AB	AB	Edy	Edy	Edy	Edy	Edy	Edy
5	HARISH R	R. Harish	R. Harish	R. Harish	R. Harish	R. Harish	R. Harish	R. Harish	R. Harish	R. Harish	R. Harish
6	KALAISELVAN S	S. Kalaiselvan	S. Kalaiselvan	S. Kalaiselvan	S. Kalaiselvan	S. Kalaiselvan	S. Kalaiselvan	S. Kalaiselvan	S. Kalaiselvan	AB	AB
7	KAVIBHARATHI A	K. Kavibharathi	K. Kavibharathi	K. Kavibharathi	K. Kavibharathi	K. Kavibharathi	K. Kavibharathi	K. Kavibharathi	K. Kavibharathi	K. Kavibharathi	K. Kavibharathi
8	MADHAN M	M. Madhan	M. Madhan	M. Madhan	M. Madhan	M. Madhan	M. Madhan	M. Madhan	M. Madhan	M. Madhan	M. Madhan
9	MANIVASAGAN T	M. Manivasagan	M. Manivasagan	M. Manivasagan	M. Manivasagan	M. Manivasagan	M. Manivasagan	M. Manivasagan	M. Manivasagan	M. Manivasagan	M. Manivasagan
10	MUTHAZHAGAN N	N. Muthazhagan	N. Muthazhagan	N. Muthazhagan	N. Muthazhagan	N. Muthazhagan	N. Muthazhagan	N. Muthazhagan	N. Muthazhagan	N. Muthazhagan	N. Muthazhagan
11	SARAVANAN M	M. Saravanan	M. Saravanan	M. Saravanan	M. Saravanan	M. Saravanan	M. Saravanan	M. Saravanan	M. Saravanan	M. Saravanan	M. Saravanan
12	THAMIZHARASAN K	K. Thamizharasan	K. Thamizharasan	K. Thamizharasan	K. Thamizharasan	K. Thamizharasan	K. Thamizharasan	K. Thamizharasan	K. Thamizharasan	K. Thamizharasan	K. Thamizharasan
13	VIGNESH S	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh
14	YUVARAJ B	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj

N. P. S.
EVENT COORDINATOR

S. J. P.
HOD 12/3/24

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106



DEPARTMENT OF SCIENCE AND HUMANITIES

Value Added Course On MODERN TRENDS IN MANUFACTURING TECHNOLOGY

ASSESSMENT MARKS


DEPT: MECH

DATE: 4.03.24 to 8.03.24

S.NO	REGISTER.NO	STUDENT NAME	MARKS
1	422123114001	Adhimani A	91
2	422123114002	Ajanthan S	94
3	422123114004	Aravind A	89
4	422123114005	Edishon Kumar B	93
5	422123114006	Harish R	86
6	422123114007	Kalaiselvan S	88
7	422123114008	Kavibharathi A	85
8	422123114009	Madhan M	86
9	422123114010	Manivasagan T	87
10	422123114011	Muthazhagan N	97
11	422123114012	Saravanan M	94
12	422123114013	Thamizharasan K	89
13	422123114014	Vignesh S	86
14	422123114015	Yuvaraj B	95


EVENT COORDINATOR


HOD


14/3/24
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Struvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

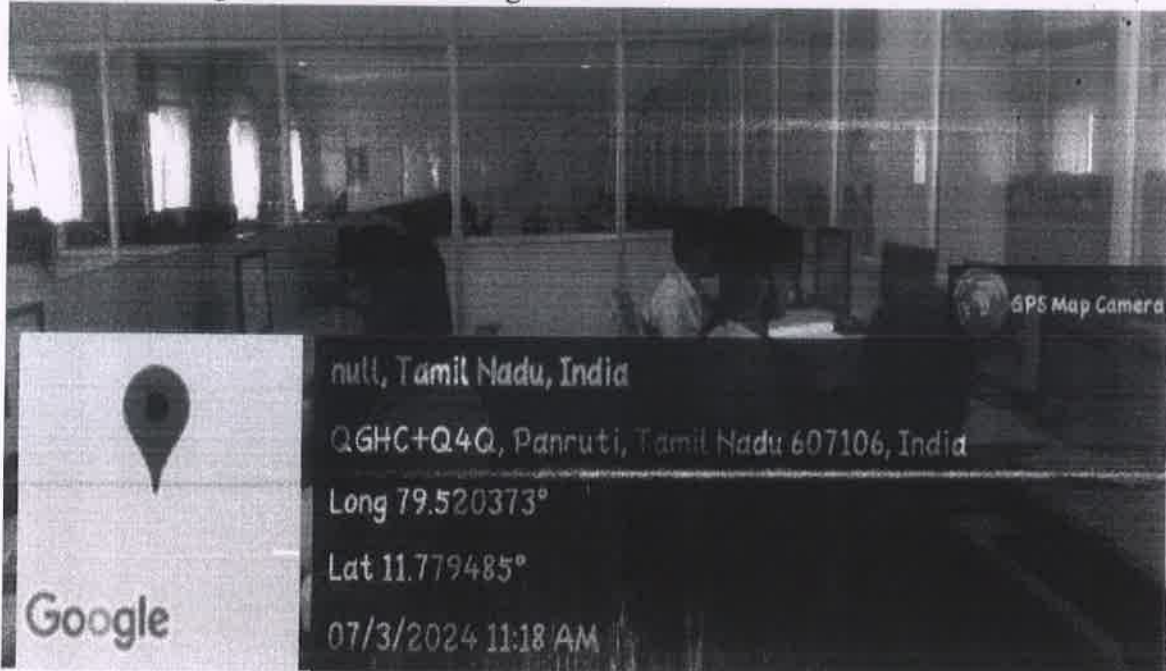
ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

MODERN TRENDS IN MANUFACTURING TECHNOLOGY

REPORT

The value-added course was organized by the Science and Humanities Department for First Year Students on **Modern Trends in Manufacturing Technology** from 04.03.2024 to 08.03.2024 at St. Anne's College of Engineering and Technology. The main objective of this course is to provide opportunity to students to develop inter-disciplinary skills. The course was divided into different topics. The session was led by Mr. M. Sivamanikandan, AP/MECH of St. Anne's College of Engineering and Technology. The students were participated with great enthusiasm during the course.




The course aims at equipping students with essential skills for practical application in their field. Throughout the training, students were demonstrated increased proficiency in the basics of mechanics, enabling them to tackle complex mechanical engineering challenges.

Outcome of the course is to enable students with hands-on knowledge using 3D Printing, design Layers can delaminate under stress due to the layer-by-layer production process, reduces material wastage and can improve fuel efficiency with lightweight parts, to deepen comprehension and skill in the domain.


EVENT COORDINATOR


HOD 12/3/24


PRINCIPAL 12/3/24
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

FEEDBACK ON VALUE ADDED COURSE

Department: S&H (MECH)

Title: Modern Trends in Manufacturing Technology


Period: 2023-2024

Date: 4.03.24 to 8.03.24

Q.No	Question	Student Count	Credit By Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Course plan	14	12	2	0	0	0	68	70	97%
2	Training duration	14	10	4	0	0	0	66	70	94%
3	Interactive approach	14	9	5	0	0	0	65	70	93%
4	Mode of presentation	14	10	3	1	0	0	65	70	93%
5	The course material handed out was adequate	14	8	6	0	0	0	64	70	91%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	14	11	3	0	0	0	67	70	96%
7	The course exposed you to new knowledge and practices	14	8	4	2	0	0	62	70	89%
8	Were objectives of the course clear to you?	14	7	7	0	0	0	63	70	90%
9	The course contents met with your expectations	14	7	5	2	0	0	61	70	87%
10	How would you rate the overall course content?	14	9	4	1	0	0	68	70	97%


PREPARED BY


12/3/24
VERIFIED BY


12/3/24
APPROVED BY
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sivanthi: (Dist. Panruti - 607 106)



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

FEEDBACK ON VALUE ADDED COURSE-S&H (MECH)

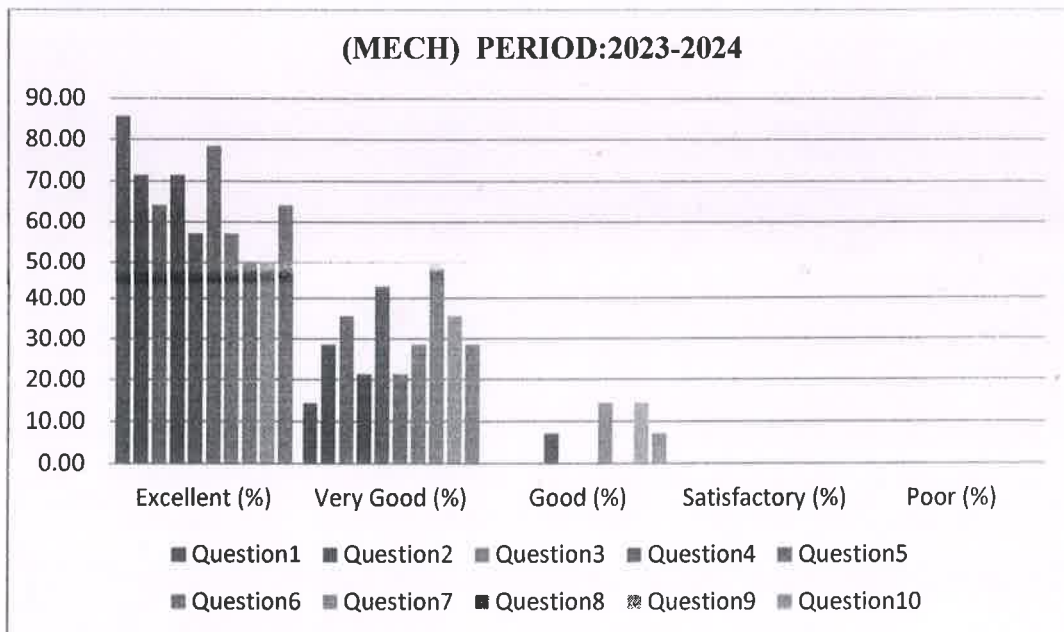
NUMBER OF STUDENTS: 14

PERIOD: 2023-2024

DATE: 4.03.24 TO 8.03.24

TITLE: MODERN TRENDS IN MANUFACTURING TECHNOLOGY

Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question1	85.71	14.29	0.00	0.00	0.00
Question2	71.43	28.57	0.00	0.00	0.00
Question3	64.29	35.71	0.00	0.00	0.00
Question4	71.43	21.43	7.14	0.00	0.00
Question5	57.14	42.86	0.00	0.00	0.00
Question6	78.57	21.43	0.00	0.00	0.00
Question7	57.14	28.57	14.29	0.00	0.00
Question8	50.00	50.00	0.00	0.00	0.00
Question9	50.00	35.71	14.29	0.00	0.00
Question10	64.29	28.57	7.14	0.00	0.00



It is observed from the graph that around 90% of student's feedback on value added course as "Excellent" and "Very Good"

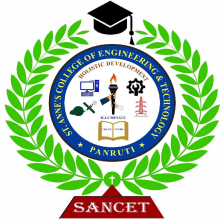

Dr. R. AROKIADAS, M.E., Ph.D.,
Principal,

St. Anne's College of Engineering & Technology,

ANGUCHETTPALAYAM,

Siruvathur-(Post), Panruti-(T.k),

Cuddalore-(Dist). Pin: 607 110.



ST. ANNE'S
College of Engineering & Technology
(A unit of sisters of St. Anne, Tiruchirapalli)
Accredited by NAAC
Approved by AICTE, Delhi & Affiliated to Anna University, Chennai
Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ADHIMANI A

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

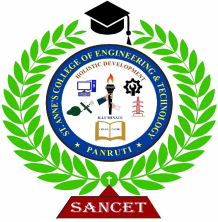
Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA
HOD/S&H
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S
College of Engineering & Technology
(A unit of sisters of St. Anne, Tiruchirapalli)
Accredited by NAAC
Approved by AICTE, Delhi & Affiliated to Anna University, Chennai
Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

AJANTHAN S

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

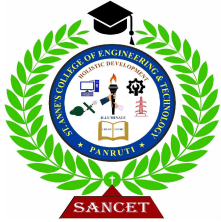
Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA
HOD/S&H
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in

Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ARAVIND A

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

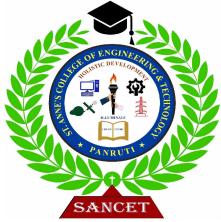
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S
College of Engineering & Technology
(A unit of sisters of St. Anne, Tiruchirapalli)
Accredited by NAAC
Approved by AICTE, Delhi & Affiliated to Anna University, Chennai
Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

EDISHON KUMAR B

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

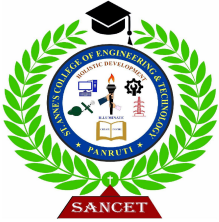
Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA
HOD/S&H
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S
College of Engineering & Technology
(A unit of sisters of St. Anne, Tiruchirapalli)
Accredited by NAAC
Approved by AICTE, Delhi & Affiliated to Anna University, Chennai
Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

HARISH R

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mr. K. Shanmuga Elango
HOD/S&H
St. Anne's CET, Panruti


Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

CIRCULAR

(2023 – 2024)

CIR. No: SACET/S&H/CIR/ 18

27.02.2024

The Department of Science and Humanities has planned to conduct a value added course on “**Block Chain Technology**” for first year CSE & CSE (AIML) students from 04.03.2024 to 08.03.2024.

Name of the Resource Person(S): **1. Ms. S. Abinaya, M.E**

Assistant Professor

Department of Computer Science and Engineering,

St. Anne's College of Engineering and Technology,

Panruti

2. Ms. K. Kayalvizhi, M.E

Assistant Professor

Department of Computer Science and Engineering,

St. Anne's College of Engineering and Technology,

Panruti

Venue: Annai Annammaal Block – Computer Lab IV


EVENT COORDINATOR


HOD

DEPARTMENT OF S & H,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur Post, Panruti T.k.
Cuddalore Dist 607



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

Organizes

Five Days Value- Added Course

on

“BLOCK CHAIN TECHNOLOGY”

Resource Persons



Ms. S. Abinaya, M.E
Assistant Professor
Department of CSE



Ms. K. Kayalvizhi, M.E
Assistant Professor
Department of CSE

Date: 04.03.24 to 08.03.24

Venue: Computer Lab IV



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

SYLLABUS FOR VALUE ADDED COURSE ON BLOCKCHAIN TECHNOLOGY

COURSE OBJECTIVE:

This is a Value added Course that includes in-depth understanding of Block chain and provides professionals from various sectors with an insight into the fundamentals of block chain and its practical applications. The objective is not only to understand how this technology works, but also to learn what its applications are in order to obtain the maximum benefit in the digital transformation projects that are developed

COURSE CONTENT:

DAY 1: BLOCKCHAIN

Introduction To Block chain And Its Origin – Block chain Objectives – Block chain Terminologies — Growth Of Block chain - Types Of Block chain - Decentralization – Centralization- Block chain And Full Ecosystem Decentralization - Decentralization Vs Centralization.

DAY2: WORKING OF BLOCKCHAIN

Block chain Architecture, Versions, Variants, Use Cases – How It Works? – Block chain Vs Shared Database, Applications.

DAY3: BITCOIN, CRYPTOGRAPHY AND CRYPTOCURRENCY

Introduction To Cryptocurrencies, Types, Applications; Bitcoin - Introduction Of Bitcoin ,Bitcoin Digital Keys and Addresses, Transactions, Block chain Mining, Alternative Coins , Limitations Of Bitcoin.

DAY4: BLOCKCHAIN PLATFORMS

Ethereum, Hyperledger, Iota , Eos, Big Chain Etc... Advantages and Disadvantages
Ethereum Vs Bitcoin.

DAY5: USE CASES

Real Time Applications: Capital Markets, Central Bank Digital Currencies, Decentralized Finance (Defi) -Digital Identity – Energy and Sustainability – Global Trade and Commerce – Media and Entertainment

COURSE OUTCOME:

After the completion of the course, the students will be able to know about the Block chain and its methodologies which is used in various fields.


EVENT-COORDINATOR


HOD 12/3/24

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY



(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106

DEPARTMENT OF SCIENCE AND HUMANITIES VALUE ADDED COURSE ON BLOCKCHAIN TECHNOLOGY

Student Registration List

DEPT: CSE & AIML

DATE: 4.03.24 to 8.03.24

S.NO	REGISTER.NO	STUDENT NAME
1.	422123104001	Aadhithya E
2.	422123104002	Abdul Wahab A
3.	422123104003	Ajay D
4.	422123104004	Anbarasi V
5.	422123104005	Andro Jackson A
6.	422123104006	Angel S
7.	422123104007	Anu Priya R
8.	422123104008	Anushka R
9.	422123104009	Arish G
10.	422123104010	Arish R
11.	422123104011	Arunkumar I
12.	422123104012	Arunthathiray M
13.	422123104013	Asin A
14.	422123104014	Avina Sree A
15.	422123104015	Bharath S
16.	422123104016	Bhavani M
17.	422123104017	Deepak S
18.	422123104018	Deepak Rosario F
19.	422123104019	Devika G
20.	422123104020	Dharani J
21.	422123104021	Edhayachandiran K
22.	422123104022	Eswaramoorthi P
23.	422123104023	Giridharan R
24.	422123104024	Gopika G
25.	422123104025	Jana B
26.	422123104026	Janani M
27.	422123104027	Jeevanantham P
28.	422123104028	Jenisha M
29.	422123104029	Keerthi Manikandan N
30.	422123104030	Kiruthika A
31.	422123104031	Krishnaraj G

32.	422123104032	Logeshwari S
33.	422123104033	Loyala Misra Rayen D
34.	422123104034	Madhivadhani S
35.	422123104035	Malodina D
36.	422123104036	Mugesh M
37.	422123104037	Mukesh M
38.	422123104038	Nivedha S
39.	422123104039	Nivetha M
40.	422123104040	Pavithra M
41.	422123104041	Pragatheeswaran K
42.	422123104042	Prathap M
43.	422123104043	Prathap V
44.	422123104044	Prathishkumar D
45.	422123104045	Praveen Kumar G
46.	422123104046	Pravinraj P
47.	422123104047	Prithika R
48.	422123104048	Ram Prasath M
49.	422123104049	Sathish E
50.	422123104050	Sevvanthi S
51.	422123104051	Sharmila Devi K
52.	422123104052	Shrawanika R
53.	422123104053	Subash S
54.	422123104054	Suvetha A
55.	422123104055	Thamizhmathi S
56.	422123104056	Vaidegi B
57.	422123104057	Venkatesaperumal V
58.	422123148001	Abinaya K
59.	422123148002	Abinaya R
60.	422123148004	Adhisakthi V
61.	422123148005	Ananda Sabesan S
62.	422123148006	Bala S
63.	422123148007	Balaji M
64.	422123148009	Baranidharan R
65.	422123148010	Barath.B
66.	422123148011	Bavya B
67.	422123148012	Bharathi A
68.	422123148013	Bhuvaneshwari M G
69.	422123148014	Deebaeeswar M
70.	422123148016	Dinesh S K
71.	422123148017	Elavarasan M
72.	422123148018	Gokul S
73.	422123148019	Kalki J
74.	422123148020	Kanchana.K
75.	422123148021	Kanmani E

76.	422123148022	Karthiha C
77.	422123148023	Keerthirajan L
78.	422123148024	Lakshmipathi M
79.	422123148025	Melvin Chander Paul L
80.	422123148026	Pradeepkumar S
81.	422123148027	Praveena A
82.	422123148028	Priyadharshini G
83.	422123148030	Rajeshwari V
84.	422123148031	Rineeth S
85.	422123148032	Sahaya Aksharan K
86.	422123148033	Sankari M
87.	422123148034	Santhosh Kumar M
88.	422123148035	Sathiyapriya S
89.	422123148036	Sharon Raj K
90.	422123148037	Shylu Nihitha S
91.	422123148038	Sivadharshini G
92.	422123148039	Sivapriya M
93.	422123148040	Srinath B
94.	422123148041	Sujitha S
95.	422123148042	Sumidha K
96.	422123148043	Thiruvalluvan M
97.	422123148044	Udhayasuriyan S
98.	422123148045	Vahithkhan K
99.	422123148047	Vijayabalan A
100.	422123148048	Vindhiya P


EVENT COORDINATOR


HOD 12/3/24

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY



(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

Value Added Course Attendance Sheet

Dept: CSE &AIML

Period: 2023-2024

Title: Block chain Technology

Date: 04.03.2024 to 08.03.2024

S.NO	NAME OF THE STUDENTS	04.03.2024		05.03.2024		06.03.2024		07.03.2024		08.03.2024	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
CSE											
1	AADHITHYA E	Aadhithya	Aadhithya	Aadhithya	Aadhithya	Aadhithya	Aadhithya	AB	AB	Aadhithya	Aadhithya
2	ABDUL WAHAB A	AB	AB	Abdul Wahab	Abdul Wahab	Abdul Wahab	Abdul Wahab	Abdul Wahab	Abdul Wahab	Abdul Wahab	Abdul Wahab
3	AJAY D	Ajay.D	Ajay.D	Ajay.D	Ajay.D	Ajay.D	Ajay.D	Ajay.D	Ajay.D	Ajay.D	Ajay.D
4	ANBARASI V	Anbarasi	Anbarasi	Anbarasi	Anbarasi	Anbarasi	Anbarasi	Anbarasi	Anbarasi	Anbarasi	Anbarasi
5	ANDRO JACKSON A	Andro Jackson	Andro Jackson	Andro Jackson	Andro Jackson	Andro Jackson	Andro Jackson	Andro Jackson	Andro Jackson	Andro Jackson	Andro Jackson
6	ANGEL S	Angel	Angel	Angel	Angel	Angel	Angel	Angel	Angel	Angel	Angel
7	ANUPRIYA R	Anupriya	Anupriya	Anupriya	Anupriya	Anupriya	Anupriya	Anupriya	Anupriya	Anupriya	Anupriya
8	ANUSHKA R	R.Anush	R.Anush	R.Anush	R.Anush	R.Anush	R.Anush	R.Anush	R.Anush	R.Anush	R.Anush
9	ARISH G	Arish G	Arish G	Arish G	Arish G	Arish G	Arish G	Arish G	Arish G	Arish G	Arish G
10	ARISH R	Arish.R	Arish.R	AB	AB	Arish.R	Arish.R	Arish.R	Arish.R	Arish.R	Arish.R
11	ARUNKUMAR I	Arun Kumar	Arun Kumar	Arun Kumar	Arun Kumar	Arun Kumar	Arun Kumar	Arun Kumar	Arun Kumar	Arun Kumar	Arun Kumar
12	ARUNTHATHIRAY M	Arunthathiray	Arunthathiray	Arunthathiray	Arunthathiray	Arunthathiray	Arunthathiray	Arunthathiray	Arunthathiray	Arunthathiray	Arunthathiray
13	ASIN A	A.Asin	A.Asin	A.Asin	A.Asin	A.Asin	A.Asin	A.Asin	A.Asin	A.Asin	A.Asin

14	AVINASREE A	A. Any	A. Any	A. Any	A. Any	A. Any	A. Any	A. Any	A. Any	A. Any	A. Any
15	BHARATH S	Bharath	Bharath	Bharath	Bharath	Bharath	Bharath	Bharath	Bharath	Bharath	Bharath
16	BHAVANI M	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani
17	DEEPAK S	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
18	DEEPAK ROSARIO F	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
19	DEVIKA G	G. Devika	G. Devika	G. Devika	G. Devika	G. Devika	G. Devika	G. Devika	G. Devika	G. Devika	G. Devika
20	DHARANI J	J. Dharani	J. Dharani	J. Dharani	J. Dharani	J. Dharani	J. Dharani	J. Dharani	J. Dharani	J. Dharani	J. Dharani
21	EDHAYACHANDIRAN K	E. Dhayachandiran	E. Dhayachandiran	AB	AB	E. Dhayachandiran	E. Dhayachandiran	E. Dhayachandiran	E. Dhayachandiran	E. Dhayachandiran	E. Dhayachandiran
22	ESWARAMOORTHY P	P. Eswaramoorthy	P. Eswaramoorthy	P. Eswaramoorthy	P. Eswaramoorthy	P. Eswaramoorthy	P. Eswaramoorthy	P. Eswaramoorthy	P. Eswaramoorthy	P. Eswaramoorthy	P. Eswaramoorthy
23	GIRIDHARAN R	R. Giridharan	R. Giridharan	R. Giridharan	R. Giridharan	R. Giridharan	R. Giridharan	AB	AB	R. Giridharan	R. Giridharan
24	GOPIKA G	Gopika	Gopika	Gopika	Gopika	Gopika	Gopika	Gopika	Gopika	Gopika	Gopika
25	JANA B	Jana	Jana	Jana	Jana	Jana	Jana	Jana	Jana	Jana	Jana
26	JANANI M	Janani	Janani	Janani	Janani	Janani	Janani	Janani	Janani	Janani	Janani
27	JEEVANANTHAM P	P. Jeevanantham	P. Jeevanantham	P. Jeevanantham	P. Jeevanantham	P. Jeevanantham	P. Jeevanantham	P. Jeevanantham	P. Jeevanantham	P. Jeevanantham	P. Jeevanantham
28	JENISHA M	M. Jenisha	M. Jenisha	M. Jenisha	M. Jenisha	M. Jenisha	M. Jenisha	M. Jenisha	M. Jenisha	M. Jenisha	M. Jenisha
29	KEERTHIMANIKANDAN	AB	AB	K. Keerthimandhan	K. Keerthimandhan	K. Keerthimandhan	K. Keerthimandhan	K. Keerthimandhan	K. Keerthimandhan	K. Keerthimandhan	K. Keerthimandhan
30	KIRUTHIKA A	A. Kiruthika	A. Kiruthika	A. Kiruthika	A. Kiruthika	A. Kiruthika	A. Kiruthika	A. Kiruthika	A. Kiruthika	A. Kiruthika	A. Kiruthika
31	KRISHNARAJ G	G. Krishnaraj	G. Krishnaraj	G. Krishnaraj	G. Krishnaraj	G. Krishnaraj	G. Krishnaraj	G. Krishnaraj	G. Krishnaraj	G. Krishnaraj	G. Krishnaraj
32	LOGESH WARI S	S. Logesh	S. Logesh	S. Logesh	S. Logesh	S. Logesh	S. Logesh	S. Logesh	S. Logesh	AB	AB
33	LOYALAMISRARAYEN	R. Loyalamisrarayen	R. Loyalamisrarayen	R. Loyalamisrarayen	R. Loyalamisrarayen	R. Loyalamisrarayen	R. Loyalamisrarayen	R. Loyalamisrarayen	R. Loyalamisrarayen	R. Loyalamisrarayen	R. Loyalamisrarayen
34	MADHIVADHANI S	S. Madhivadhani	S. Madhivadhani	S. Madhivadhani	S. Madhivadhani	S. Madhivadhani	S. Madhivadhani	S. Madhivadhani	S. Madhivadhani	S. Madhivadhani	S. Madhivadhani
35	MALOD A D	D. Malod	D. Malod	D. Malod	D. Malod	D. Malod	D. Malod	D. Malod	D. Malod	D. Malod	D. Malod
36	MUGESH M	M. Mugesh	M. Mugesh	M. Mugesh	M. Mugesh	M. Mugesh	M. Mugesh	M. Mugesh	M. Mugesh	M. Mugesh	M. Mugesh
37	MUKESH M	M. Mukesh	M. Mukesh	M. Mukesh	M. Mukesh	M. Mukesh	M. Mukesh	M. Mukesh	M. Mukesh	M. Mukesh	M. Mukesh

38	NIVEDHA S	S. Nidha	S. Nidha	S. Nidha	S. Nidha	S. Nidha	S. Nidha	S. Nidha	S. Nidha	S. Nidha	S. Nidha
39	NIVETHA M	M. Nivi	M. Nivi	M. Nivi	M. Nivi	M. Nivi	M. Nivi	M. Nivi	M. Nivi	M. Nivi	M. Nivi
40	PAVITHRA M	M. Pavi	M. Pavi	M. Pavi	M. Pavi	M. Pavi	M. Pavi	M. Pavi	M. Pavi	M. Pavi	M. Pavi
41	PRAGATHEESWARAN K	K. Prag	K. Prag	K. Prag	K. Prag	K. Prag	K. Prag	K. Prag	K. Prag	K. Prag	K. Prag
42	PRATHAP M	M. Prathap	M. Prathap	M. Prathap	M. Prathap	Prathap	Prathap	Prathap	Prathap	Prathap	Prathap
43	PRATHAP V	AB	AB	Prathap	Prathap	Prathap	Prathap	Prathap	Prathap	Prathap	Prathap
44	PRATHISHKUMAR D	D. Prath K	D. Prath K	D. Prath K	D. Prath K	D. Prath K	D. Prath K	D. Prath K	D. Prath K	D. Prath K	D. Prath K
45	PRAVEEN KUMAR G	G. Praveen	G. Praveen	G. Praveen	G. Praveen	G. Praveen	G. Praveen	G. Praveen	G. Praveen	G. Praveen	G. Praveen
46	PRAVINRAJ P	P. Pravin	P. Pravin	P. Pravin	P. Pravin	P. Pravin	P. Pravin	P. Pravin	P. Pravin	P. Pravin	P. Pravin
47	PRITHIKA R	R. Prithika	R. Prithika	R. Prithika	R. Prithika	R. Prithika	R. Prithika	R. Prithika	R. Prithika	R. Prithika	R. Prithika
48	RAM PRASATH M	M. Ram Prath	M. Ram Prath	M. Ram Prath	M. Ram Prath	M. Ram Prath	M. Ram Prath	M. Ram Prath	M. Ram Prath	M. Ram Prath	M. Ram Prath
49	SATHISH E	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish
50	SEVVANTHI S	S. Sevvanti	S. Sevvanti	S. Sevvanti	S. Sevvanti	S. Sevvanti	S. Sevvanti	S. Sevvanti	S. Sevvanti	S. Sevvanti	S. Sevvanti
51	SHARMILA DEVI K	K. Sharmila	K. Sharmila	K. Sharmila	K. Sharmila	K. Sharmila	K. Sharmila	K. Sharmila	K. Sharmila	K. Sharmila	K. Sharmila
52	SHRAWANIKA R	R. Shrawani	R. Shrawani	R. Shrawani	R. Shrawani	R. Shrawani	R. Shrawani	R. Shrawani	R. Shrawani	R. Shrawani	R. Shrawani
53	SUBASH S	S. Subash	S. Subash	S. Subash	S. Subash	S. Subash	AB	AB	S. Subash	S. Subash	S. Subash
54	SUVEETHA A	A. Suveetha	A. Suveetha	A. Suveetha	A. Suveetha	A. Suveetha	A. Suveetha	A. Suveetha	A. Suveetha	A. Suveetha	A. Suveetha
55	THAMIZHMATHI S	S. Thamizh	S. Thamizh	S. Thamizh	S. Thamizh	S. Thamizh	S. Thamizh	S. Thamizh	S. Thamizh	S. Thamizh	S. Thamizh
56	VAIDEGI B	B. Vaidy	B. Vaidy	B. Vaidy	B. Vaidy	B. Vaidy	B. Vaidy	B. Vaidy	B. Vaidy	B. Vaidy	B. Vaidy
57	VENKATESAPERUMAL V	V. Venkates	V. Venkates	V. Venkates	V. Venkates	V. Venkates	V. Venkates	V. Venkates	V. Venkates	V. Venkates	V. Venkates
AIML											
58	ABHINAYAK	K. Abin	K. Abin	K. Abin	K. Abin	K. Abin	K. Abin	K. Abin	K. Abin	K. Abin	K. Abin
59	ABHINAYAR	R. Abinaya	R. Abinaya	R. Abinaya	R. Abinaya	R. Abinaya	R. Abinaya	R. Abinaya	R. Abinaya	R. Abinaya	R. Abinaya
60	ABHISAKTHI V	V. Abhisak	V. Abhisak	V. Abhisak	V. Abhisak	V. Abhisak	V. Abhisak	V. Abhisak	V. Abhisak	V. Abhisak	V. Abhisak

61	ANANDA SABESAN S	ANANDA	ANAND	ANANDA	ANANDA	ANANDA	ANANDAV	ANANDA	ANDAN	AADAN	ANANDA
62	BALAS	A-B	A-B	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala
63	BALAJI M	M. Balaji	M. Balaji	M. Balaji	M. Balaji	M. Balaji	M. Balaji	M. Balaji	M. Balaji	M. Balaji	M. Balaji
64	BARANIDHARAN R	R. Baran	R. Baran	R. Baran	R. Baran	R. Baran	R. Baran	R. Baran	R. Baran	R. Baran	R. Baran
65	BARATH.B	Barath	Barath	Barath	Barath	Barath	Barath	AB	AB	Barath	Barath
66	BAVYA B	Bavya-B	Bavya-B	Bavya-B	Bavya-B	Bavya-B	Bavya-B	Bavya-B	Bavya-B	Bavya-B	Bavya-B
67	BHARATHI A	A-B	A-B	A-B	A-B	A-B	A-B	A-B	A-B	A-B	A-B
68	BHUVANESHWARI M G	G. Bhuv	G. Bhuv	G. Bhuv	G. Bhuv	G. Bhuv	G. Bhuv	G. Bhuv	G. Bhuv	G. Bhuv	G. Bhuv
69	DEEBAEESWAR M	Deebaeeswar	Deebaeeswar	A-B	A-B	Deebaeeswar	Deebaeeswar	Deebaeeswar	Deebaeeswar	Deebaeeswar	Deebaeeswar
70	DINESH S K	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH
71	ELAVARASAN M	Elavarasan	Elavarasan	Elavarasan	Elavarasan	Elavarasan	Elavarasan	Elavarasan	Elavarasan	Elavarasan	Elavarasan
72	GOKUL S	Gokul S	Gokul S	Gokul S	Gokul S	Gokul S	Gokul S	Gokul S	Gokul S	Gokul S	Gokul S
73	KALKIJ	J. Kalki	J. Kalki	J. Kalki	J. Kalki	J. Kalki	J. Kalki	J. Kalki	J. Kalki	J. Kalki	J. Kalki
74	KANCHANA.K	K. K	K. K	K. K	K. K	K. K	K. K	K. K	K. K	K. K	K. K
75	KANMANIE	E. Kanmani	E. Kanmani	E. Kanmani	E. Kanmani	E. Kanmani	E. Kanmani	E. Kanmani	E. Kanmani	E. Kanmani	E. Kanmani
76	KARTHIKA C	C. Karthika	C. Karthika	C. Karthika	C. Karthika	C. Karthika	C. Karthika	C. Karthika	C. Karthika	C. Karthika	C. Karthika
77	KEERTHIRAJAN L	Keertthi	Keertthi	Keertthi	Keertthi	Keertthi	Keertthi	Keertthi	Keertthi	Keertthi	Keertthi
78	LAKSHMIPATHI M	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi
79	MELVIN CHANDER	Melvin	Melvin	Melvin	Melvin	Melvin	Melvin	Melvin	Melvin	Melvin	Melvin
80	PRADDEPKUMAR S	Praddepkumar	Praddepkumar	Praddepkumar	Praddepkumar	Praddepkumar	Praddepkumar	Praddepkumar	Praddepkumar	Praddepkumar	Praddepkumar
81	PRAVIENA A	A. Praveena	A. Praveena	A. Praveena	A. Praveena	A. Praveena	A. Praveena	A. Praveena	A. Praveena	AB	AB
82	PRIYA DHARSHINI G	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
83	RAJES IWARI V	V. Rajesh	V. Rajesh	V. Rajesh	V. Rajesh	V. Rajesh	V. Rajesh	V. Rajesh	V. Rajesh	V. Rajesh	V. Rajesh
84	RINEE H S	Rinee	Rinee	Rinee	Rinee	Rinee	Rinee	Rinee	Rinee	Rinee	Rinee

85	SAHAYA AKSHARAN K	Aksharan P	Aksharan P	Aksharan P	Aksharan P	Aksharan P	Aksharan P	Aksharan P	Aksharan P	Aksharan P	Aksharan P
86	SANKARI M	M. Sankari	M. Sankari	M. Sankari	M. Sankari	M. Sankari	M. Sankari	M. Sankari	M. Sankari	M. Sankari	M. Sankari
87	SANTHOSH KUMAR M	M. Santosh	M. Santosh	M. Santosh	M. Santosh	M. Santosh	M. Santosh	M. Santosh	M. Santosh	M. Santosh	M. Santosh
88	SATHIYAPRIYA S	S. Sathiyapriya	S. Sathiyapriya	S. Sathiyapriya	S. Sathiyapriya	S. Sathiyapriya	S. Sathiyapriya	S. Sathiyapriya	S. Sathiyapriya	S. Sathiyapriya	S. Sathiyapriya
89	SHARON RAJ K	Sharon	Sharon	Sharon	Sharon	Sharon	Sharon	Sharon	Sharon	Sharon	Sharon
90	SHYLUNI HITHA S	S. Shylunitha	S. Shylunitha	S. Shylunitha	S. Shylunitha	S. Shylunitha	S. Shylunitha	S. Shylunitha	S. Shylunitha	S. Shylunitha	S. Shylunitha
91	SIVADHARSHINI S	S. Sivadharsini	S. Sivadharsini	S. Sivadharsini	S. Sivadharsini	S. Sivadharsini	S. Sivadharsini	S. Sivadharsini	S. Sivadharsini	S. Sivadharsini	S. Sivadharsini
92	SIVAPRIYA M	M. Sivapriya	M. Sivapriya	M. Sivapriya	M. Sivapriya	M. Sivapriya	M. Sivapriya	M. Sivapriya	M. Sivapriya	M. Sivapriya	M. Sivapriya
93	SRINATH B	B. Srinath	B. Srinath	B. Srinath	B. Srinath	B. Srinath	B. Srinath	B. Srinath	B. Srinath	B. Srinath	B. Srinath
94	SUJITHA S	S. Sujitha	S. Sujitha	S. Sujitha	S. Sujitha	S. Sujitha	S. Sujitha	S. Sujitha	S. Sujitha	S. Sujitha	S. Sujitha
95	SUMIDHA K	K. Sumidha	K. Sumidha	K. Sumidha	K. Sumidha	K. Sumidha	K. Sumidha	K. Sumidha	K. Sumidha	K. Sumidha	K. Sumidha
96	THIRUVALLUVAN .M	M. Thiruvalluvan	M. Thiruvalluvan	M. Thiruvalluvan	M. Thiruvalluvan	M. Thiruvalluvan	M. Thiruvalluvan	M. Thiruvalluvan	M. Thiruvalluvan	M. Thiruvalluvan	M. Thiruvalluvan
97	UDHAYASURIYAN S	S. Udhayasuriyan	S. Udhayasuriyan	S. Udhayasuriyan	S. Udhayasuriyan	S. Udhayasuriyan	S. Udhayasuriyan	S. Udhayasuriyan	S. Udhayasuriyan	S. Udhayasuriyan	S. Udhayasuriyan
98	VAHITHKHAN K	K. Vahithkhan	K. Vahithkhan	K. Vahithkhan	K. Vahithkhan	K. Vahithkhan	K. Vahithkhan	K. Vahithkhan	K. Vahithkhan	K. Vahithkhan	K. Vahithkhan
99	VIJAYABALAN A	A. Vijayabalan	A. Vijayabalan	AB	AB	A. Vijayabalan	A. Vijayabalan	AB	AB	A. Vijayabalan	A. Vijayabalan
100	VINDHIYA P	P. Vindhya	P. Vindhya	P. Vindhya	P. Vindhya	P. Vindhya	P. Vindhya	P. Vindhya	P. Vindhya	P. Vindhya	P. Vindhya


EVENT COORDINATOR


HOD 12/31/24

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106



DEPARTMENT OF SCIENCE AND HUMANITIES VALUE ADDED COURSE ON BLOCKCHAIN TECHNOLOGY

ASSESSMENT MARKS

DEPT: CSE & AIML

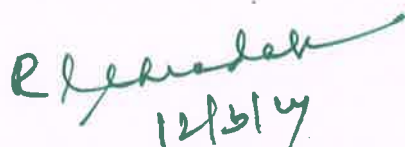
DATE: 4.03.24 to 8.03.24

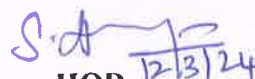
S.NO	REGISTER.NO	STUDENT NAME	MARKS
1.	422123104001	Aadhithya E	90
2.	422123104002	Abdul Wahab A	87
3.	422123104003	Ajay D	92
4.	422123104004	Anbarasi V	90
5.	422123104005	Andro Jackson A	92
6.	422123104006	Angel S	93
7.	422123104007	Anu Priya R	96
8.	422123104008	Anushka R	95
9.	422123104009	Arish G	94
10.	422123104010	Arish R	90
11.	422123104011	Arunkumar I	88
12.	422123104012	Arunthathray M	91
13.	422123104013	Asin A	89
14.	422123104014	Avina Sree A	87
15.	422123104015	Bharath S	85
16.	422123104016	Bhavani M	92
17.	422123104017	Deepak S	93
18.	422123104018	Deepak Rosario F	94
19.	422123104019	Devika G	89
20.	422123104020	Dharani J	88
21.	422123104021	Edhayachandiran K	90
22.	422123104022	Eswaramoorthi P	91
23.	422123104023	Giridharan R	88
24.	422123104024	Gopika G	92
25.	422123104025	Jana B	90
26.	422123104026	Janani M	94
27.	422123104027	Jeevanantham P	95
28.	422123104028	Jenisha M	96
29.	422123104029	Keerthi Manikandan N	86
30.	422123104030	Kiruthika A	93

31.	422123104031	Krishnaraj G	89
32.	422123104032	Logeshwari S	88
33.	422123104033	Loyala Misra Rayen D	89
34.	422123104034	Madhivadhani S	90
35.	422123104035	Malodina D	94
36.	422123104036	Mugesh M	88
37.	422123104037	Mukesh M	89
38.	422123104038	Nivedha S	86
39.	422123104039	Nivetha M	87
40.	422123104040	Pavithra M	92
41.	422123104041	Pragatheeswaran K	90
42.	422123104042	Prathap M	93
43.	422123104043	Prathap V	91
44.	422123104044	Prathishkumar D	85
45.	422123104045	Praveen Kumar G	88
46.	422123104046	Pravinraj P	89
47.	422123104047	Prithika R	86
48.	422123104048	Ram Prasath M	87
49.	422123104049	Sathish E	90
50.	422123104050	Sevvanthi S	92
51.	422123104051	Sharmila Devi K	93
52.	422123104052	Shrawanika R	95
53.	422123104053	Subash S	86
54.	422123104054	Suvetha A	88
55.	422123104055	Thamizhmathi S	89
56.	422123104056	Vaidegi B	90
57.	422123104057	Venkatesaperumal V	88
58.	422123148001	Abinaya K	84
59.	422123148002	Abinayaa R	86
60.	422123148004	Adhisakthi V	90
61.	422123148005	Ananda Sabesan S	92
62.	422123148006	Bala S	86
63.	422123148007	Balaji M	89
64.	422123148009	Baranidharan R	92
65.	422123148010	Barath.B	89
66.	422123148011	Bavya B	91
67.	422123148012	Bharathi A	87
68.	422123148013	Bhuvaneshwari M G	89
69.	422123148014	Deebaeswar M	90
70.	422123148016	Dinesh S K	92
71.	422123148017	Elavarasan M	93
72.	422123148018	Gokul S	87
73.	422123148019	Kalki J	89

74.	422123148020	Kanchana.K	90
75.	422123148021	Kanmani E	91
76.	422123148022	Karthiha C	94
77.	422123148023	Keerthirajan L	85
78.	422123148024	Lakshmipathi M	84
79.	422123148025	Melvin Chander Paul L	93
80.	422123148026	Pradeepkumar S	89
81.	422123148027	Praveena A	96
82.	422123148028	Priyadharshini G	92
83.	422123148030	Rajeshwari V	91
84.	422123148031	Rineeth S	90
85.	422123148032	Sahaya Aksharan K	93
86.	422123148033	Sankari M	95
87.	422123148034	Santhosh Kumar M	93
88.	422123148035	Sathiyapriya S	96
89.	422123148036	Sharon Raj K	90
90.	422123148037	Shylu Nihitha S	94
91.	422123148038	Sivadharshini G	91
92.	422123148039	Sivapriya M	93
93.	422123148040	Srinath B	93
94.	422123148041	Sujitha S	97
95.	422123148042	Sumidha K	90
96.	422123148043	Thiruvalluvan M	83
97.	422123148044	Udhayasuriyan S	84
98.	422123148045	Vahithkhan K	94
99.	422123148047	Vijayabalan A	89
100.	422123148048	Vindhiya P	93


EVENT COORDINATOR


12/3/24
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvetkudi (Post), Panruti-(T.k),
Cuddalore, Dist., Pin: 607 110.


HOD 12/3/24



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

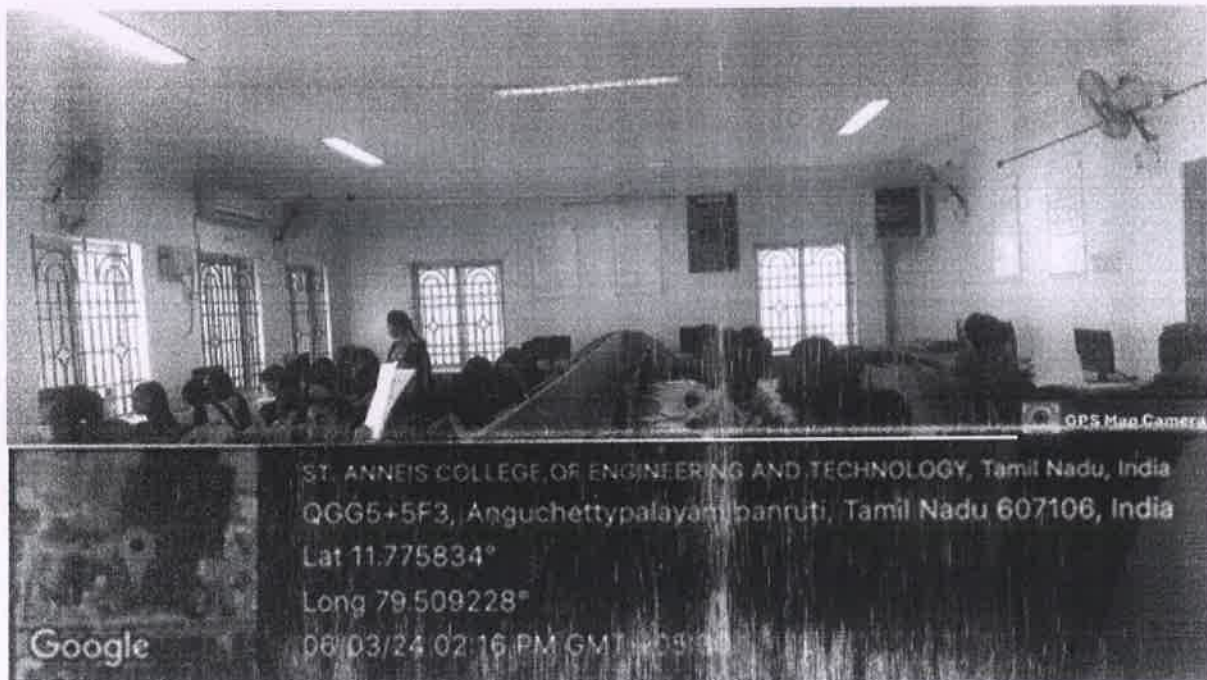
ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF SCIENCE AND HUMANITIES

BLOCK CHAIN TECHNOLOGY

REPORT


The value-added course was organized by the Science and Humanities Department for First Year Students on **Block Chain Technology** from 04.03.2024 to 08.03.2024 at St. Anne's College of Engineering and Technology. The main objective of this course is to provide opportunity to students to develop inter-disciplinary skills. Nearly 100 students were attended the course. The course was divided into different topics. The session was led by Ms. S. Abinaya, AP/CSE and Ms. K. Kayalvizhi AP/CSE of St. Anne's College of Engineering and Technology. The resource person used techniques using power point presentation and discussion. The students were participated with great enthusiasm during the course.



The aim of the course is to provide students with a host of benefits including skill development, career advancement opportunities, industry relevance and ability to solve complex problems effectively. By acquiring knowledge in Block chain, the students can also able to position themselves in the rapidly evolving landscape block chain technology and cryptocurrency.


EVENT COORDINATOR


HOD 12/3/24


PRINCIPAL 12/3/24
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Srivathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

FEEDBACK ON VALUE ADDED COURSE

Department: S&H (CSE & AIML)

Title: Block Chain Technology

Period: 2023-2024

Date: 4.03.24 to 8.03.24

Q.No	Question	Student Count	Credit By Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Course plan	100	45	37	18	0	0	427	500	85%
2	Training duration	100	38	42	20	0	0	418	500	84%
3	Interactive approach	100	44	36	20	0	0	424	500	85%
4	Mode of presentation	100	35	33	29	3	0	400	500	80%
5	The course material handed out was adequate	100	46	31	20	3	0	420	500	84%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	100	40	28	31	1	0	407	500	81%
7	The course exposed you to new knowledge and practices	100	48	23	28	1	0	418	500	84%
8	Were objectives of the course clear to you?	100	36	26	38	0	0	398	500	80%
9	The course contents met with your expectations	100	42	37	21	0	0	421	500	84%
10	How would you rate the overall course content?	100	51	25	24	0	0	427	500	85%

PREPARED BY

VERIFIED BY

Dr.R.AROKIADASS, M.E., Ph.D.,

Principal,

St.Anne's College of Engineering & Technology,

ANGUCHETTYPALAYAM,

Siruvathur-iPostl, Panruti-(T.k).



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

FEEDBACK ON VALUE ADDED COURSE-S&H (CSE & AIML)

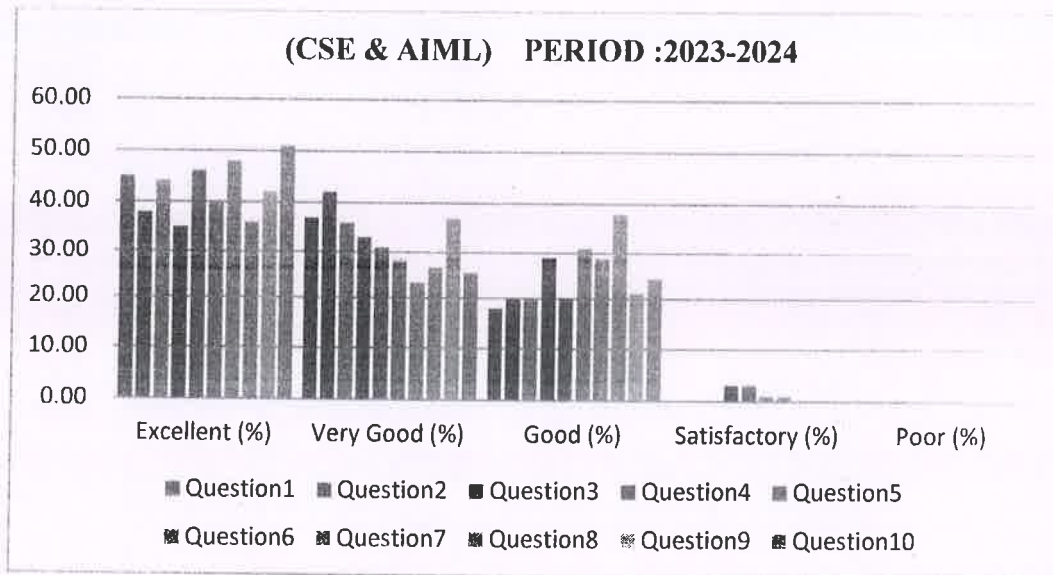
NUMBER OF STUDENTS: 100

PERIOD: 2023-2024

DATE: 4.03.24 TO 8.03.24

TITLE: BLOCK CHAIN TECHNOLOGY

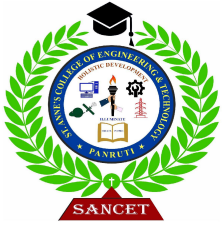
Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question1	45.00	37.00	18.00	0.00	0.00
Question2	38.00	42.00	20.00	0.00	0.00
Question3	44.00	36.00	20.00	0.00	0.00
Question4	35.00	33.00	29.00	3.00	0.00
Question5	46.00	31.00	20.00	3.00	0.00
Question6	40.00	28.00	31.00	1.00	0.00
Question7	48.00	23.00	28.00	1.00	0.00
Question8	36.00	26.00	38.00	0.00	0.00
Question9	42.00	37.00	21.00	0.00	0.00
Question10	51.00	25.00	24.00	0.00	0.00



It is observed from the graph that around 90% of student's feedback on value added course as "Excellent" and "Very Good"

R. Arokiadass
12/3/24

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Sivaratpur (Post), Panruti (T.K),
Anguchetti (Dist), Panruti - 607 110



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

AADHITHYA E

Department of Computer Science and Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BLOCK CHAIN TECHNOLOGY"

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

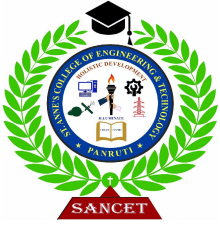
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ABDUL WAHAB A

Department of Computer Science and Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BLOCK CHAIN TECHNOLOGY"

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

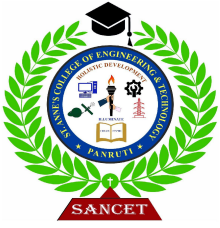
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

AJAY D

Department of Computer Science and Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BLOCK CHAIN TECHNOLOGY"

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

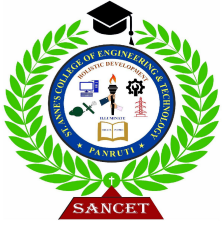
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ANBARASI V

Department of Computer Science and Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BLOCK CHAIN TECHNOLOGY"

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

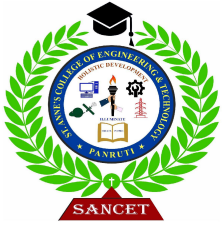
HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ANDRO JACKSON A

Department of Computer Science and Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"BLOCK CHAIN TECHNOLOGY"

organized by

Department of Sciences and Humanities

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mrs. S. RAMYA

HOD/S&H

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

(2023-2024)

CIR. NO: SANCET/PRI/CIR/

Date: 01.03.2024

The Department of Computer science and engineering has planned to organize a five-day value-added course on “INTERNET OF THINGS” for second year computer science students from 04.03.2024 to 08.03.2024.

Resource person: K. KAYALVIZHI, ME

Assistant professor,

Department of computer science and engineering,

St Anne's college of engineering and technology.

Panruti.

Venue: LAB 4

K. Kayalvizhi
23/03/2024.
EVENT COORDINATOR

[Signature]
HOD 23/03/2024
CSE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.k,
Cuddalore-Dist. 607 110



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZES

FIVE-DAY VALUE-ADDED COURSE

On

“INTERNET OF THINGS”



Ms. K.KAYALVIZHI, ME

Assistant professor,

Department of computer science and engineering,

Date: 04.03.2024

Venue: LAB 4



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106

SYLLABUS FOR VALUE ADDED COURSE ON INTERNET OF THINGS

COURSE OBJECTIVE:

1. To Value added Course that includes in-depth understanding of PHP.
2. To classify MySQL in order to create websites and apps.
3. To learn how to seamlessly work between the web interface and the back-end
4. To connect them for stellar results. By the end of the course, students will be able
5. To create a small-scale web application combining PHP and MySQL.

COURSE CONTENT

DAY 1: PHP INTRODUCTION

Introduction-PHP-Installation-Syntax-Variables-ECHO/Print-DataType-Strings-Constants-Operators

And expression

DAY 2: PHP STATEMENTS AND FORMS

Decision making- Looping Statement- Arrays- Functions-Forms- GET/POST-Forms handling-Form Validation-Form Required

DAY 3: PHP ADVANCED TOPICS

PHP Predefined variables-PHP String Functions-PHP Date and Time-Session-Cookies-Error handling-Security

DAY 4: PHP WEB BASED APPLICATION

PHP Cookies-PHP Session-PHP sending email-PHP File uploading-Library management-Web based application.

DAY 5: MYSQL

Database-Connect-Create Database-Create Table-Insert Data-Select Data-Delete Data-Setting query parameter-Executing query.

COURSE OUTCOMES:

1. Formulating different type of PHP installation that includes in-depth understanding of PHP.
2. After the completion of the course, the students will be able to know about the internet of things and designsome IOT based proto types.
3. Able to understand the application areas of IOT. Develop the IOT application using different hardware platforms.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE ON INTERNET OF THINGS

Student Registration List

DEPT: CSE

DATE: 04.03.2024

S.NO	REG.NO	STUDENT NAME
1.	422122104002	AHAMED BIN HUSSAIN M
2.	422122104004	ANISH JOYAL A
3.	422122104005	ANTONYMICHELRAJ.A
4.	422122104006	ARIVAZHAGAN.R
5.	422122104007	ARUNA GIRI U
6.	422122104008	ASHVINI.A
7.	422122104009	CHANDRU.P
8.	422122104010	CHARUMATHI R
9.	422122104011	DHARANISWARAN T
10.	422122104012	DURGA.S
11.	422122104013	EZHILARASAN.E
12.	422122104014	GOPALAKRISHNAN V
13.	422122104015	GOVINDHARAJ I
14.	422122104016	GOWTHAM.S
15.	422122104017	HARIHARAN S
16.	422122104018	HEMALATHA.A
17.	422122104019	JAYA JOTHIYA.K
18.	422122104020	JAYASRI.N
19.	422122104021	JEEVASRI. C
20.	422122104022	JOSHWA NIJANTHAN.P
21.	422122104023	JUSWIN RAJ.A
22.	422122104024	KARTHIKEYAN.G
23.	422122104025	KAVIN PARUTHI.D
24.	422122104026	KRISHNAN.S
25.	422122104027	LAKSHMI B
26.	422122104028	LOGESH.S
27.	422122104029	LOKESWARI.R
28.	422122104031	MANJU PRIYA.S
29.	422122104033	MARIA JASMINE.P
30..	422122104034	MOHAMED ASHARAF.Z
31.	422122104035	MONIKA.A
32.	422122104036	PATCHAIAPPAN.E
33.	422122104037	PAZHANI RAJA.M
34.	422122104038	POOVIZHI K

35.	422122104039	POOVIZHIYAN K
36.	422122104041	RAJA PRABU.R
37.	422122104043	RAVICHANDRAN.S
38.	422122104044	SANTHIYA.S
39.	422122104045	SHARMILA.T
40.	422122104046	SHEIK MOHAMED.S
41.	422122104047	SNEKHA.S
42.	422122104049	STEPHEN RAJ.G
43.	422122104050	SUBHIKSHA.S
44.	422122104051	SUDHARSAN.S
45.	422122104052	SUJATHA.S
46.	422122104053	SURIYA R
47.	422122104054	THENESHVARAN S
48.	422122104055	THENKUZHALI P
49.	422122104056	VINAYAGAMURUGAN S
50.	422122104057	VINITH CHANDRU M
51.	422122104058	VINOTHA.M
52.	422122104059	VISHNU.A
53.	422122104501	LEELAVATHI
54.	422122104502	DURAI.A
55.	422122104301	KAMESHWARAN.T
56.	422122104302	LOKESHWARAN.B
57.	422122104303	NAVEEN KUMAR
58.	422122104304	SOBANA. K. R
59.	422122104305	SURESH.U
60.	422122104701	RAGHUL.R

K. Karthik
23/03/24.
EVENT COORDINATOR

for 
HOD

CSE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.k,
Guddalore-Dist. 607 110



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Branch:CSE

Year/Sem:II/IV

VALUE ADDED ATTENDANCE SHEET

S.No	Reg.No	Name of the Students	4/3/24	5/3/24	6/3/24	7/3/24	8/3/24
1.	422122104002	AHAMED BIN HUSSAIN M	AB	AB	AB	AB	AB
2.	422122104004	ANISH JOYAL A	A. Anin	A. Anin	A. Anin	A. Anin	A. Anin
3.	422122104005	ANTONYMICHELRAJA	AB	AB	AB	AB	AB
4.	422122104006	ARIVAZHAGAN.R	AB	R. Ariv	AB	AB	AB
5.	422122104007	ARUNA GIRI U	AB	AB	AB	AB	Aruna Giri
6.	422122104008	ASHVINLA	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin
7.	422122104009	CHANDRUP	P. Chandru	P. Chandru	P. Chandru	P. Chandru	P. Chandru
8.	422122104010	CHARUMATHI R	R. Charumathi	R. Charumathi	R. Charumathi	R. Charumathi	R. Charumathi
9.	422122104011	DHARANISWARAN T	AB	AB	T. Dhara	T. Dhara	T. Dhara
10.	422122104012	DURGA.S	S. Durga	S. Durga	S. Durga	S. Durga	S. Durga
11.	422122104013	EZHILARASAN.E	E. Sagar	AB	AB	AB	AB
12.	422122104014	GOPALAKRISHNAN V	AB	AB	AB	AB	AB
13.	422122104015	GOVINDHARAJI	T. Govind	AB	T. Govind	T. Govind	AB
14.	422122104016	GOWTHAM.S	AB	AB	AB	G. Gowtham	G. Gowtham
15.	422122104017	HARIHARAN S	S. Hariharan	S. Hariharan	S. Hariharan	S. Hariharan	S. Hariharan
16.	422122104018	HEMALATHA.A	A. Hemalatha	A. Hemalatha	A. Hemalatha	A. Hemalatha	A. Hemalatha
17.	422122104019	JAYA JOTHIYA.K	K. Jothi	K. Jothi	K. Jothi	K. Jothi	K. Jothi
18.	422122104020	JAYASRI.N	N. Jayasri	N. Jayasri	N. Jayasri	N. Jayasri	AB
19.	422122104021	JEEVASRI. C	AB	C. Jeevasri	C. Jeevasri	C. Jeevasri	AB

20.	422122104022	JOSHWA NIJANTHAN.P	AB	AB	AB	AB	
21.	422122104023	JUSWIN RAJA	A. Juswin	A. Juswin	A. Juswin	A. Juswin	A. Juswin
22.	422122104024	KARTHIKEYAN.G	G. Karthi	G. Karthi	G. Karthi	G. Karthi	G. Karthi
23.	422122104025	KAVIN PARUTHI.D	AB	AB	AB	AB	AB
24.	422122104026	KRISHNAN.S	AB	AB	AB	S. bil	S. bil
25.	422122104027	LAKSHMI B	B. Lohi	B. Lohi	AB	B. Lohi	AB
26.	422122104028	LOGESH.S	AB	B. Lohi	AB	AB	AB
27.	422122104029	LOKESWARI.R	R. Lohi	R. Lohi	R. Lohi	R. Lohi	R. Lohi
28.	422122104031	MANJU PRIYA.S	S. Manj	S. Manj	S. Manj	S. Manj	S. Manj
29.	422122104033	MARIA JASMINE.P	AB	AB	AB	AB	AB
30.	422122104034	MOHAMED ASHARAF.Z	AB	AB	AB	AB	AB
31.	422122104035	MONIKA.A	AB	AB	AB	AB	AB
32.	422122104036	PATCHAIAPPAN.E	E. Pat	E. Pat	E. Pat	A. monika	A. monika
33.	422122104037	PAZHANI RAJA.M	M. Dasi	M. Dasi	AB	AB	AB
34.	422122104038	POOVIZHI K	K. Pr	K. Pr	K. Pr	K. Pr	K. Pr
35.	422122104039	POOVIZHIYAN K	AB	AB	AB	AB	K. Pr
36.	422122104041	RAJA PRABU.R	AB	R. Pr	AB	AB	AB
37.	422122104043	RAVICHANDRAN.S	S. Pr	S. Pr	S. Pr	AB	AB
38.	422122104044	SANTHIYA.S	S. Sant	AB	S. Sant	AB	S. Sant
39.	422122104045	SHARMILA.T	AB	T. Pr	T. Pr	T. Pr	AB
40.	422122104046	SHEIK MOHAMED.S	S. Pr	S. Pr	S. Pr	S. Pr	S. Pr
41.	422122104047	SNEKHA.S	S. Sath	S. Sath	S. Sath	S. Sath	S. Sath
42.	422122104049	STEPHEN RAJ.G	G. Sath	G. Sath	G. Sath	G. Sath	G. Sath
43.	422122104050	SUBHIKSHA.S	S. Subh	AB	S. Subh	AB	S. Subh
44.	422122104051	SUDHARSAN.S	AB	S. Subh	AB	S. Subh	AB
45.	422122104052	SUJATHA.S	S. Subh	AB	S. Subh	AB	S. Subh

46.	422122104053	SURIYA R	<i>Suriya</i>	AB	AB	<i>AB</i>	AB
47.	422122104054	THENESHVARAN S	<i>S. Thenesh</i>	<i>S. Thenesh</i>	<i>S. Thenesh</i>	<i>S. Thenesh</i>	AB
48.	422122104055	THENKUZHALIP	<i>P. Thy</i>	<i>P. Thy</i>	<i>P. Thy</i>	AB	<i>P. Thy</i>
49.	422122104056	VINAYAGAMURUGAN S	<i>S. Vinay</i>	AB	AB	AB	<i>S. Vinay</i>
50.	422122104057	VINITH CHANDRU M	<i>M. Vinith</i>	<i>M. Vinith</i>	<i>M. Vinith</i>	<i>M. Vinith</i>	<i>M. Vinith</i>
51.	422122104058	VINOTHA.M	<i>M. Vinith</i>	<i>M. Vinith</i>	AB	<i>M. Vinith</i>	<i>M. Vinith</i>
52.	422122104059	VISHNU.A	AB	AB	AB	AB	AB
53.	422122104501	LEELAVATHI	AB	AB	AB	AB	AB
54.	422122104502	DURALA	AB	AB	AB	AB	AB
55.	422122104301	KAMESHWARAN.T	<i>T. Kamathi</i>	<i>T. Kamathi</i>	<i>T. Kamathi</i>	<i>T. Kamathi</i>	<i>T. Kamathi</i>
56.	422122104302	LOKESHWARAN.B	<i>B. Lokesh</i>	<i>B. Lokesh</i>	<i>B. Lokesh</i>	AB	AB
57.	422122104303	NAVEEN KUMAR	AB	AB	AB	AB	AB
58.	422122104304	SOBANA. K. R	AB	AB	AB	AB	AB
59.	422122104305	SURESH.U	<i>S. Suresh</i>	<i>S. Suresh</i>	<i>S. Suresh</i>	<i>S. Suresh</i>	<i>S. Suresh</i>
60.	422122104701	RAGHUL.R	<i>R. Raghul</i>	<i>R. Raghul</i>	AB	AB	<i>R. Raghul</i>

[Signature]

HOD

Head of the Department,
Computer Science and Engineering,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-Dist. Pin: 607 110.

[Signature]
PRINCIPAL

Dr. R. S. OKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE ON INTERNET OF THINGS

ASSESSMENT MARKS

DEPT: CSE

DATE: 04.03.2024 to 08.03.2024

S.NO	REG.NO	STUDENT NAME	MARK 100
1.	422122104002	AHAMED BIN HUSSAIN M	AB
2.	422122104004	ANISH JOYAL A	70
3.	422122104005	ANTONYMICHELRAJ.A	AB
4.	422122104006	ARIVAZHAGAN.R	80
5.	422122104007	ARUNA GIRI U	80
6.	422122104008	ASHVINI.A	80
7.	422122104009	CHANDRU.P	70
8.	422122104010	CHARUMATHI R	100
9.	422122104011	DHARANISWARAN T	90
10.	422122104012	DURGA.S	90
11.	422122104013	EZHILARASAN.E	85
12.	422122104014	GOPALAKRISHNAN V	AB
13.	422122104015	GOVINDHARAJ I	76
14.	422122104016	GOWTHAM.S	70
15.	422122104017	HARIHARAN S	60
16.	422122104018	HEMALATHA.A	90
17.	422122104019	JAYA JOTHIYA.K	100
18.	422122104020	JAYASRI.N	80
19.	422122104021	JEEVASRI. C	90
20.	422122104022	JOSHWA NIJANTHAN.P	80
21.	422122104023	JUSWIN RAJ.A	90
22.	422122104024	KARTHIKEYAN.G	90
23.	422122104025	KAVIN PARUTHI.D	AB
24.	422122104026	KRISHNAN.S	90
25.	422122104027	LAKSHMI B	85
26.	422122104028	LOGESH.S	80
27.	422122104029	LOKESWARI.R	100
28.	422122104031	MANJU PRIYA.S	100
29.	422122104033	MARIA JASMINE.P	AB
30..	422122104034	MOHAMED ASHARAF.Z	AB
31.	422122104035	MONIKA.A	90
32.	422122104036	PATCHAIAPPAN.E	100
33.	422122104037	PAZHANI RAJA.M	100
34.	422122104038	POOVIZHI K	90

35.	422122104039	POOVIZHIYAN K	70
36.	422122104041	RAJA PRABU.R	80
37.	422122104043	RAVICHANDRAN.S	90
38.	422122104044	SANTHIYA.S	85
39.	422122104045	SHARMILA.T	90
40.	422122104046	SHEIK MOHAMED.S	100
41.	422122104047	SNEKHA.S	100
42.	422122104049	STEPHEN RAJ.G	90
43.	422122104050	SUBHIKSHA.S	90
44.	422122104051	SUDHARSAN.S	80
45.	422122104052	SUJATHA.S	90
46.	422122104053	SURIYA R	100
47.	422122104054	THENESHVARAN S	90
48.	422122104055	THENKUZHALI P	100
49.	422122104056	VINAYAGAMURUGAN S	100
50.	422122104057	VINITH CHANDRU M	100
51.	422122104058	VINOTHA.M	80
52.	422122104059	VISHNU.A	AB
53.	422122104501	LEELAVATHI	AB
54.	422122104502	DURAI.A	AB
55.	422122104301	KAMESHWARAN.T	100
56.	422122104302	LOKESHWARAN.B	100
57.	422122104303	NAVEEN KUMAR	100
58.	422122104304	SOBANA. K. R	AB
59.	422122104305	SURESH.U	AB
60	422122104701	RAGHUL.R	80

K. Kalyan
23/03/24
EVENT COORDINATOR

for
R. V. Srinivas
HOD

CSE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Circuvathur-Post, Panruti-T.k,
Cuddalore Dist. 607 330



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

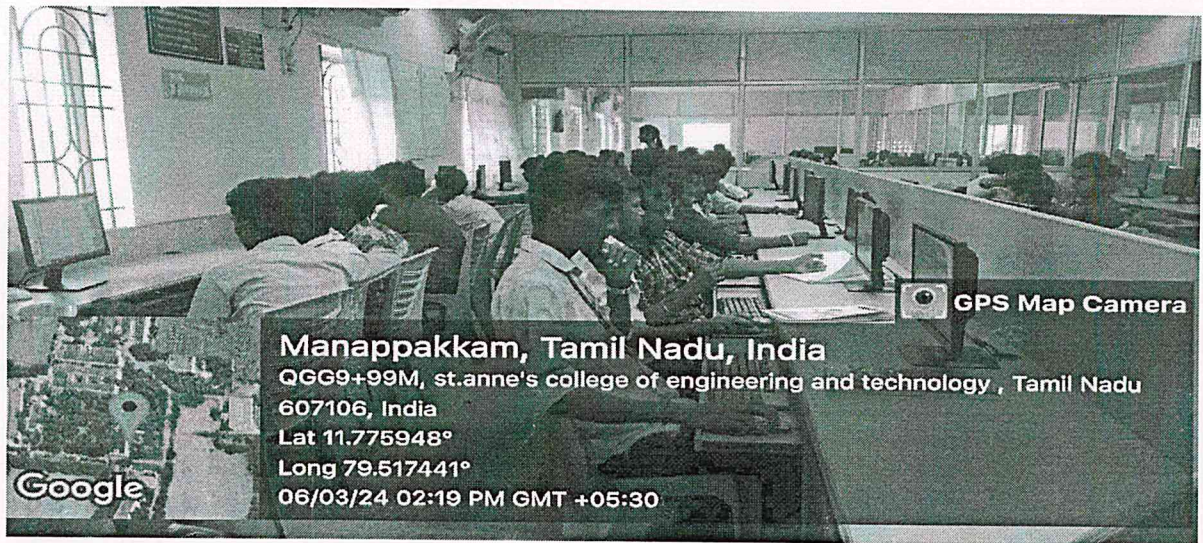
ANGUCHETTPALAYAM, PANRUTI – 607 106

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTERNET OF THINGS – REPORT

The Department of Computer science and engineering has planned to organize a five-day value-added course on “INTERNET OF THINGS” for second year computer science students from 04.03.2024 to 08.03.2024.

Resource person, during this value added course delivered the content like Recruitment process, and Packages, popular choice for research due to its ease of use,



After the completion of the course, the students will be able to know about the internet of things and design some IOT based proto types. Able to understand the application areas of IOT. Develop the IOT application using different hardware platforms. At the end of lecture, feedbacks were collected from students. Students gained knowledge about Placement drive and Self growth. The lecture was very useful to students.

K. Kalyan
23/03/24.
EVENT COORDINATOR

[Signature]
HOD 23/3/24.
CSE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.k.,
Page 67 of 181
Coimbatore-Dist. 607 110

[Signature]
23/3/24
PRINCIPAL
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k.),
Coimbatore-(Dist) Pin: 607 110



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

FEEDBACK ON VALUE ADDED COURSE

Department: CSE 2nd YEAR

Title: Internet Of Things

Period: 2023-2024

Date: 4.03.24 to 8.03.24

Q.No	Question	Student Count	Credit By Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Course plan	49	45	37	18	0	0	427	500	85%
2	Training duration	49	38	42	20	0	0	418	500	84%
3	Interactive approach	49	44	36	20	0	0	424	500	85%
4	Mode of presentation	49	35	33	29	3	0	400	500	80%
5	The course material handed out was adequate	49	46	31	20	3	0	420	500	84%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	49	40	28	31	1	0	407	500	81%
7	The course exposed you to new knowledge and practices	49	48	23	28	1	0	418	500	84%
8	Were objectives of the course clear to you?	49	36	26	38	0	0	398	500	80%
9	The course contents met with your expectations	49	42	37	21	0	0	421	500	84%
10	How would you rate the overall course content?	49	51	25	24	0	0	427	500	85%

K. Kayalid
23/03/24.
PREPARED BY

Dr. R. Arokiadass
23/03/24
VERIFIED BY

CSE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-Post, Panruti-T.K.

Dr. R. Arokiadass
23/03/24
APPROVED BY
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.K).



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

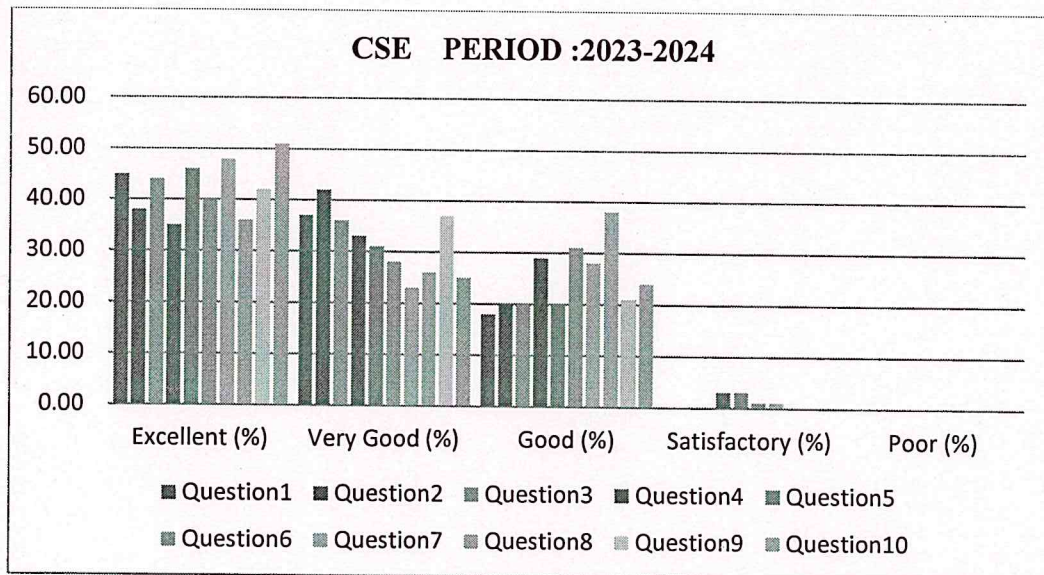
ANGUCHETTYPALAYAM, PANRUTI – 607 106.

FEEDBACK ON VALUE ADDED COURSE-CSE

NUMBER OF STUDENTS: 56 PERIOD: 2023-2024 DATE: 4.03.24 To 8.03.24

TITLE: INTERNET OF THINGS

Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question1	45.00	37.00	18.00	0.00	0.00
Question2	38.00	42.00	20.00	0.00	0.00
Question3	44.00	36.00	20.00	0.00	0.00
Question4	35.00	33.00	29.00	3.00	0.00
Question5	46.00	31.00	20.00	3.00	0.00
Question6	40.00	28.00	31.00	1.00	0.00
Question7	48.00	23.00	28.00	1.00	0.00
Question8	36.00	26.00	38.00	0.00	0.00
Question9	42.00	37.00	21.00	0.00	0.00
Question10	51.00	25.00	24.00	0.00	0.00



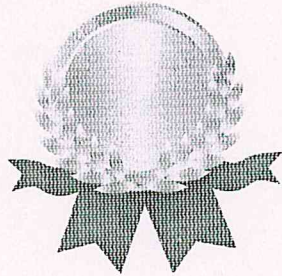
It is observed from the graph that around 90% of student's feedback on value added course as "Excellent" and "Very Good"



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
Accredited by NAAC
(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
ANGUCHETTYPALAYAM, PANRUTI - 607 106.

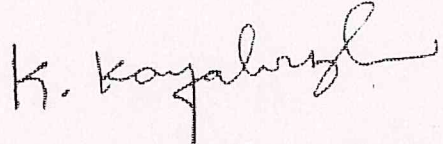


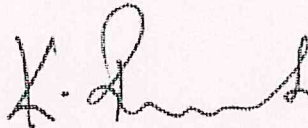
DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING

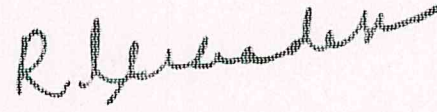


CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms. SHEIK MOHAMED S
of Computer Science and Engineering has successfully completed the
Value - Added Course "INTERNET OF THINGS"
organized by the Department of Computer Science and Engineering,
ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
from 04/03/2024 - 08/03/2024


co-ordinator


HOD

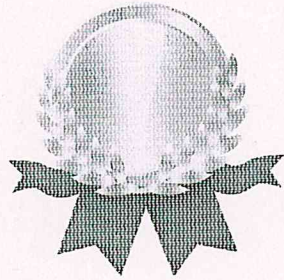

Principal



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
 Accredited by NAAC
 (Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
 ANGUCHETTYPALAYAM, PANRUTI - 607 106.



DEPARTMENT OF COMPUTER SCIENCE
 AND ENGINEERING



CERTIFICATE OF COMPLETION

POOVIZHI

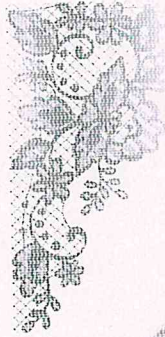
This is to certify that Mr/Ms. _____
 of Computer Science and Engineering has successfully completed the
 Value - Added Course "INTERNET OF THINGS"
 organized by the Department of Computer Science and Engineering,
 ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
 from 04/03/2024 - 08/03/2024

K. Kalyan
 co-ordinator

K. Suresh
 HOD

R. Suresh
 Principal

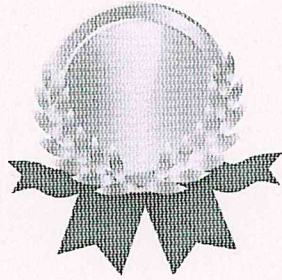




ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
 Accredited by NAAC
 (Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
 ANGUCHETTYPALAYAM, PANRUTI - 607 106.



DEPARTMENT OF COMPUTER SCIENCE
 AND ENGINEERING



CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms. KAMESHWARAN
 of Computer Science and Engineering has successfully completed the
 Value - Added Course "INTERNET OF THINGS"
 organized by the Department of Computer Science and Engineering,
 ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
 from 04/03/2024 - 08/03/2024

K. Kalyan
 co-ordinator

K. Suresh
 HOD

R. Suresh
 Principal

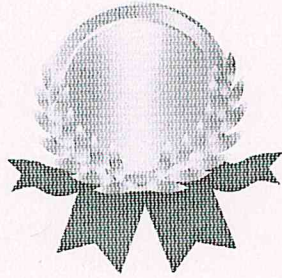




ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
Accredited by NAAC
(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
ANGUCHETTYPALAYAM, PANRUTI - 607 106.

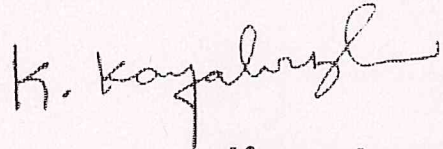


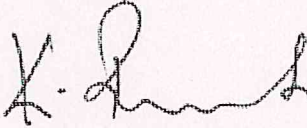
DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING

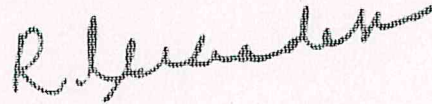


CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms. LOGESHWARAN
of Computer Science and Engineering has successfully completed the
Value - Added Course "INTERNET OF THINGS"
organized by the Department of Computer Science and Engineering,
ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
from 04/03/2024 - 08/03/2024


co-ordinator


HOD


Principal



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai
Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR (2023– 2024)

CIR. No.: SACET/EEE/CIR/06

It is informed that the Department of Electrical and Electronics Engineering has planned to organize a five days Value added course on **ARDUINO PROGRAMMING** from 4th to 8th March 2024, on our college premises to enhance the theory and practical knowledge of the students. Hence, II Year students of the department are cordially invited.

Date : 04.03.2024 to 08.03.2024

Venue : POWER ELECTRONICS LAB


HOD/EEE 11/3/24

Head of the Department
Dept. of Electrical & Electronics Engineering
St. Anne's College of Engineering & Technology
Anguchettypalayam, Panruti-607106.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

We cordially invite you to the Five days Value- Added course

on

“ARDUINO PROGRAMMING”

from

04th March, 2024 to 08th March 2024

at

Power Electronics laboratory

Welcome you all!!!

ARDUINO PROGRAMMING

COURSE OBJECTIVES:

- ✓ To learn Arduino's architecture, including inputs and connectors for add-on devices
- ✓ To understand various options in programming languages, from C to drag-and-drop languages.
- ✓ To program Arduino to control lights, motors, and other devices.
- ✓ To test, debug, and deploy the Arduino to solve real world problems.

UNIT I ELECTRONIC COMPONENTS

Introduction to Electronic Component, History of Electronic Component, Various Electronic Component, use of Electronic Component

UNIT II SENSORS

Various Basic Industrial Sensors-IR- Analog Sensor, IR Digital Sensor, Color IR_TSOP Sensor, Light Sensor, Sound Sensor, DTMF Module, Selection of Sensor, Basic working Technique of Sensor, Application of Sensor, Design Analog/Digital Sensors

UNIT III COMPUTATIONAL DEVICES

Transistor, Logic Gates, Microprocessor, Microcontroller, Difference B/W Various Computational Devices, Application of various Computational Devices, Selection of Computational Device, use of Various Computation Device

UNIT IV ENGINEERING LEVEL ACTUATOR AND ANALOG TO DIGITAL CONVERTOR

DC Motor, DC Geared Motor, Stepper Motor, Servo Motor, work of ADC, Different Mode and Registers of ADC, Programming ADC

UNIT V PROGRAMMING LANGUAGES

Selection of programming Language, Need of Flow Diagram, "LEDBLINKING" Code in Embedded C, Practice on various LED Pattern, Debugging of Error Program

TOTAL HOURS: 30 HOURS

COURSE OUTCOMES:

On successful completion of the course, the students will be able to


- Recall the basics of sensors, its functioning.
- Execute basic and advanced assembly language programs.
- Learn the ways to interface I/O devices with processor for task sharing.
- Acquire design thinking capability, ability to design a component with realistic constraints, to solve real world engineering problems and analyse the results.


TEXT BOOKS:

- 1 Muhammed Ali Mazidi, Janice Gillispie Mazidi, Rolin D. McKinlay, "The 8051 Microcontroller and Embedded Systems", Pearson Education, Second Edition, 2014
2. Robert Barton, Patrick Grossetete, David Hanes, Jerome Henry, Gonzalo Salgueiro, "IoT Fundamentals: Networking Technologies, Protocols, and Use Cases for the Internet of Things", CISCO Press, 2017.

REFERENCES:

- 1) Michael J. Pont, "Embedded C", Pearson Education, 2007.
- 2) Wayne Wolf, "Computers as Components: Principles of Embedded Computer System


Head of the Department/ EEE
Head of the Department
Dept. of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607106.


Head of the Institution
Dr. R. AROKIDASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Paurai-(T.k),
Cuddalore-(Dist), Pin: 607 110,



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai


Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT NAME LIST

S. No.	Register Number	Name of the Student
1	422122105001	Abinaya P
2	422122105002	Abinaya S
3	422122105003	Abishek. R
4	422122105005	Bairavan N
5	422122105006	Balaji B
6	422122105007	Harikrishnan K
7	422122105008	Hariprasanth. U
8	422122105009	Harish. S
9	422122105010	Jenifer Dency I
10	422122105011	Manikandan. R
11	422122105014	Prathish K
12	422122105015	Praveen T
13	422122105016	Praveena. P
14	422122105017	Praveen Raj T
15	422122105019	Sanjay N
16	422122105020	Saravanan. S
17	422122105021	Saravana Velu. B
18	422122105022	Sedhuraman. M
19	422122105023	Shiban. K
20	422122105024	Vasanthakrishnan. V
21	422122105025	Vignesh. E
22	422122105501	Veeraragavan. D
23	422122105301	Antony Johnson. M
24	422122105302	Gokula Krishnan. R
25	422122105303	Pugazhenth. M
26	422122105304	Sudharshan. S


Head of the Department/ EEE
(with date & seal)

Head of the Department
Dept. of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607106.


Head of the Institution

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Panruti - 607 106.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE – ATTENDANCE

Course: ARDUINO PROGRAMMING

YEAR/SEM: II/III

PERIOD: MAR 2024 – JUN 2024

S. No.	Reg. No.	Name	04.03.2024	05.03.2024	06.03.2024	07.03.2024	08.03.2024
1	422122105001	Abinaya P	P. Abinaya	P. Abinaya	P. Abinaya	P. Abinaya	P. Abinaya
2	422122105002	Abinaya S	Abi.S	Abi.S	Abi.S	Abi.S	Abi.S
3	422122105003	Abishek. R	R. Abishek	R. Abishek	R. Abishek	R. Abishek	R. Abishek
4	422122105005	Bairavan N	N. Bairavan	N. Bairavan	N. Bairavan	N. Bairavan	Bairavan N
5	422122105006	Balaji B	B. Balaji	B. Balaji	B. Balaji	B. Balaji	B. Balaji
6	422122105007	Harikrishnan K	K. Harikrishnan	K. Harikrishnan	K. Harikrishnan	K. Harikrishnan	K. Harikrishnan
7	422122105008	Hariprasanth. U	U. Hari	U. Hari	U. Hari	U. Hari	U. Hari
8	422122105009	Harish. S	Harish	Harish	Harish	Harish	Harish
9	422122105010	Jenifer Dency I	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer
10	422122105011	Manikandan. R	R. Manikandan	R. Manikandan	R. Manikandan	R. Manikandan	R. Manikandan
11	422122105014	Prathish K	K. Prathish	K. Prathish	K. Prathish	K. Prathish	K. Prathish
12	422122105015	Praveen T	T. Praveen	T. Praveen	T. Praveen	T. Praveen	T. Praveen
13	422122105016	Praveena. P	P. Praveena	P. Praveena	P. Praveena	P. Praveena	P. Praveena
14	422122105017	Praveen Raj T	T. Praveen Raj	T. Praveen Raj	T. Praveen Raj	T. Praveen Raj	T. Praveen Raj
15	422122105018	Ramar. S	ABSENT	→ AB →	← AB →	← AB →	← AB →
16	422122105019	Sanjay N	Sanjay N	Sanjay N	Sanjay N	Sanjay N	Sanjay N

S. No.	Reg. No.	Name	04.03.2024	05.03.2024	06.03.2024	07.03.2024	08.03.2024
17	422122105020	Saravanan. S	S. Saravanan	S. Saravanan	S. Saravanan	S. Saravanan	S. Saravanan
18	422122105021	Saravana Velu. B	B. Saravanan Velu	B. Saravanan Velu	B. Saravanan Velu	B. Saravanan Velu	B. Saravanan Velu
19	422122105022	Sedhuraman. M	M. Sedhuraman	M. Sedhuraman	M. Sedhuraman	M. Sedhuraman	M. Sedhuraman
20	422122105023	Shiban. K	K. Shiban	K. Shiban	K. Shiban	K. Shiban	K. Shiban
21	422122105024	Vasanthakrishnan. V	V. Vasanthakrishnan	V. Vasanthakrishnan	V. Vasanthakrishnan	V. Vasanthakrishnan	V. Vasanthakrishnan
22	422122105025	Vignesh. E	E. Vignesh	E. Vignesh	E. Vignesh	E. Vignesh	E. Vignesh
23	422122105501	Veeraragavan. D	D. Veeraragavan	D. Veeraragavan	D. Veeraragavan	D. Veeraragavan	D. Veeraragavan
24	422122105301	Antony Johnson. M	M. Antony Johnson	M. Antony Johnson	M. Antony Johnson	M. Antony Johnson	M. Antony Johnson
25	422122105302	Gokula Krishnan. R	R. Gokula Krishnan	R. Gokula Krishnan	R. Gokula Krishnan	R. Gokula Krishnan	R. Gokula Krishnan
26	422122105303	Pugazhenthir. M	M. Pugazhenthir	M. Pugazhenthir	M. Pugazhenthir	M. Pugazhenthir	M. Pugazhenthir
27	422122105304	Sudharshan. S	S. Sudharshan	S. Sudharshan	S. Sudharshan	S. Sudharshan	S. Sudharshan

T. Arathi

COURSE INCHARGE

K. Suman

HEAD OF THE DEPARTMENT

Head of the Department
 Dept. of Electrical & Electronics Engineering,
 St. Anne's College of Engineering & Technology,
 Anguchettypalayam, Panruti-607106.

R. Aradiadass

PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
 St. Anne's College of Engineering & Technology,
 ANGUCHETTYPALAYAM,
 Siruvathur (Post), Panruti (T.k),
 Cuddalore (Dist), Pin: 607 118



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE - ARDUINO PROGRAMMING

Assessment Marks

Date: 04.03.2024 to 08.03.2024

YEAR/SEM: II/III

S. No.	Reg. No.	Name of the student	Marks
1	422122105001	Abinaya P	97
2	422122105002	Abinaya S	95
3	422122105003	Abishek. R	86
4	422122105005	Bairavan N	84
5	422122105006	Balaji B	97
6	422122105007	Harikrishnan K	95
7	422122105008	Hariprasanth. U	94
8	422122105009	Harish. S	90
9	422122105010	Jenifer Dency I	89
10	422122105011	Manikandan. R	88
11	422122105014	Prathish K	99
12	422122105015	Praveen T	92
13	422122105016	Praveena. P	94
14	422122105017	Praveen Raj T	94
15	422122105019	Sanjay N	91
16	422122105020	Saravanan. S	99
17	422122105021	Saravana Velu. B	98
18	422122105022	Sedhuraman. M	92
19	422122105023	Shiban. K	94
20	422122105024	Vasanthakrishnan. V	94
21	422122105025	Vignesh. E	91
22	422122105501	Veeraragavan. D	99
23	422122105301	Antony Johnson. M	98
24	422122105302	Gokula Krishnan. R	92

25	422122105303	Pugazhenth. M	91
26	422122105304	Sudharshan. S	99

T. Arth
COURSE COORDINATOR

K. Sriam
 11/3/21
HOD

R. Aravind
PRINCIPAL

Head of the Department **Dr. R. AROKIDASS, M.E., Ph.D.,**
 Dept. of Electrical & Electronics Engineering,
 St. Anne's College of Engineering & Technology,
 Anguchettypalayam, Panruti-607106.

Principal,
 St. Anne's College of Engineering & Technology,
 ANGUCHETTYPALAYAM,
 Siruvathur-(Post), Panruti-(T.k),
 Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI -607 106.

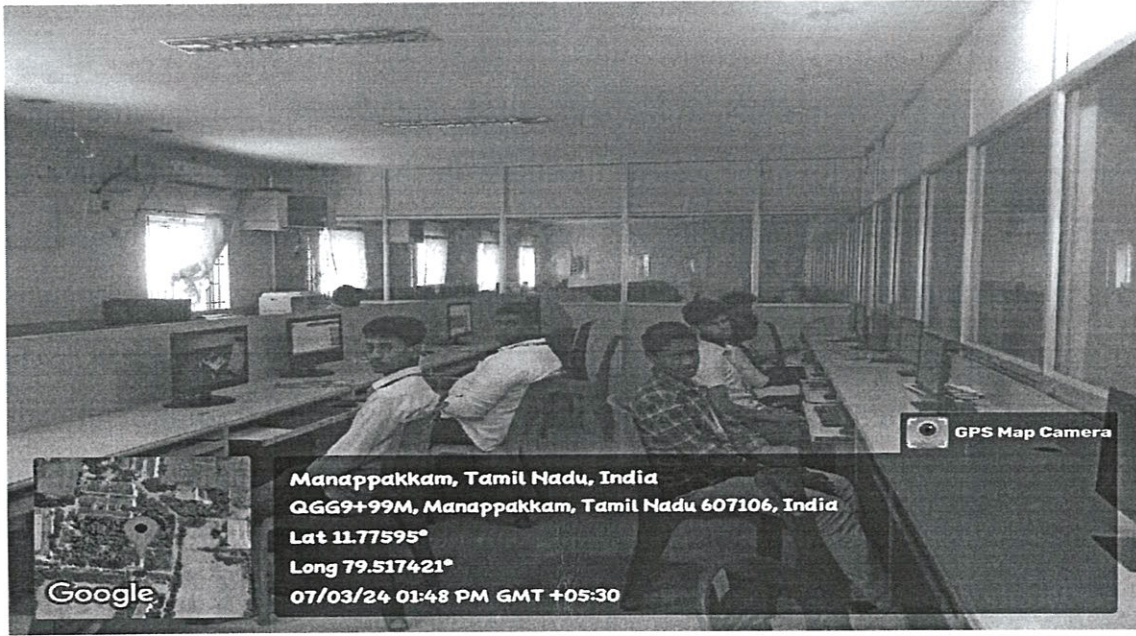
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ARDUINO PROGRAMMING

REPORT

The recently conducted Value-Added Course on Arduino Programming, spanning from March 4, 2024, to March 8, 2024, aimed at equipping participants with essential skills for practical applications in their field. This value-added course focuses on programming has revolutionized the world of electronics prototyping and DIY projects, enabling enthusiasts, hobbyists, and professionals to create interactive electronic systems easily, which is crucial for anyone interested in the field. The curriculum integrated hands-on lab sessions and real-world case studies, fostering a dynamic learning environment. Participant feedback underscored the course's efficacy, emphasizing the direct relevance and applicability of the acquired skills to their professional roles. Throughout the training, participants demonstrated increased proficiency in the endless possibilities for creating interactive electronic projects and exploring various applications in robotics, automation, and the IoT (Internet of Things). The practical approach of the course facilitated a seamless transition from theory to application. Noteworthy achievements include participants' enhanced ability to solve intricate problems through implementing practical knowledge, improved understanding of the concept, and increased confidence in utilizing it for real-world projects. The course's success was evident in the positive outcomes reported by participants, reinforcing its impact on bridging the gap between theoretical knowledge and practical implementation. Recommendations for future courses include exploring advanced topics and fostering industry collaborations to provide participants with exposure to real-world projects. Overall, the Value-Added Course on Arduino Programming offers a versatile

platform for electronics prototyping and experimentation, combining a wide range of electronics components, sensors, computational devices, ADCs, and a user-friendly programming language. Continuous learning and experimentation are key to harnessing the full potential of Arduino technology.



S. Srinivas
11/3/24

HOD

Head of the Department
Dept. of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607106.

R. Arokiadass
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sivayathur-(Post), Panruti-(T.N.),
Cuddalore-(Dist). Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ARDUINO PROGRAMMING

VALUE ADDED COURSE FEEDBACK

DEPARTMENT: EEE

PERIOD: April - May 2024

Q.No	Questions	Student Count	Credit Category					Total Credit	Credit Secured	%
			5	4	3	2	1			
1	Course plan	25	25	0	0	0	0	125	125	100%
2	Training duration	25	15	10	0	0	0	125	115	92%
3	Interactive approach	25	17	8	0	0	0	125	117	94%
4	Mode of presentation	25	17	0	8	0	0	125	109	87%
5	The course material handed out was adequate	25	17	8	0	0	0	125	117	94%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	25	25	0	0	0	0	125	125	100%
7	The course exposed you to new knowledge and practices	25	17	8	0	0	0	125	117	94%
8	Were objectives of the course clear to you?	25	17	8	0	0	0	125	117	94%
9	The course contents met with your expectations	25	22	3	0	0	0	125	122	98%
10	How would you rate the overall course content?	25	14	11	0	0	0	125	114	91%

[Signature]
PREPARED BY

[Signature]
VERIFIED BY
Head of the Department
Dept. of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607196.

[Signature]
APPROVED BY
Dr. R. ARUN DAS, M.E., Ph. D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-7.ki



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE FEEDBACK

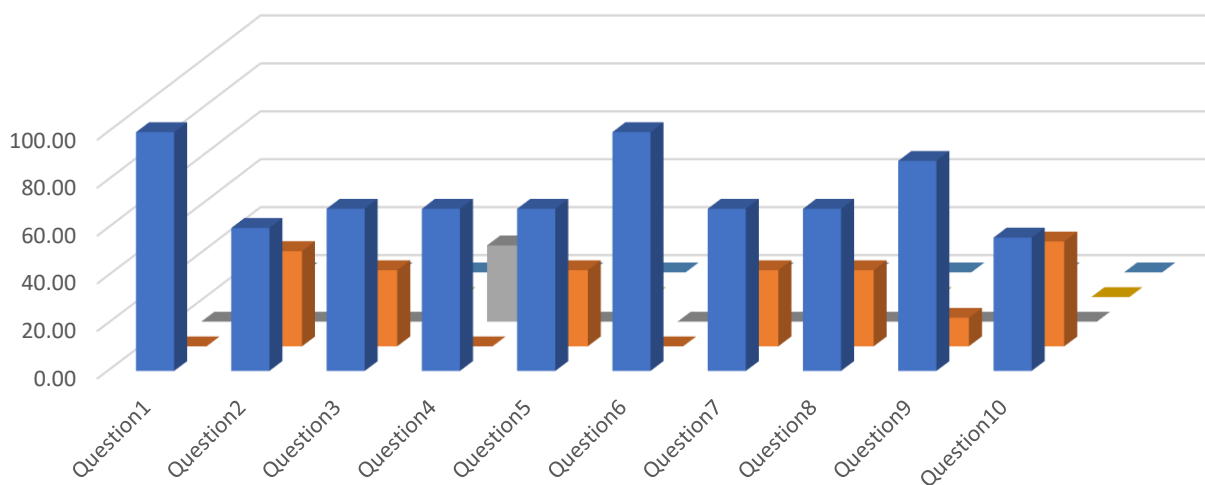
ARDUINO PROGRAMMING

Number of students: 25

PERIOD: APRIL-MAY 2024

Questions	ARDUINO PROGRAMMING				
	EX	VG	G	S	P
Question1	100.00	0.00	0.00	0.00	0.00
Question2	60.00	40.00	0.00	0.00	0.00
Question3	68.00	32.00	0.00	0.00	0.00
Question4	68.00	0.00	32.00	0.00	0.00
Question5	68.00	32.00	0.00	0.00	0.00
Question6	100.00	0.00	0.00	0.00	0.00
Question7	68.00	32.00	0.00	0.00	0.00
Question8	68.00	32.00	0.00	0.00	0.00
Question9	88.00	12.00	0.00	0.00	0.00
Question10	56.00	44.00	0.00	0.00	0.00

ARDUINO PROGRAMMING



R. Arokiadass
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sirayathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 119.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

Certificate of Participation

This is to certify that Mr./Ms. PRAVEENA P
of Department of Electrical and Electronics Engineering, St. Anne's College of
Engineering and Technology has participated Value added course
on "ARDUINO PROGRAMMING" on 04th Mar to 08th Mar 2024.

Head of the Department

Principal



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

Certificate of Participation

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

of Department of Electrical and Electronics Engineering, St. Anne's College of Engineering and Technology has participated Value added course on "ARDUINO PROGRAMMING" on 04th Mar to 08th Mar 2024.

Head of the Department

Principal



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

(2023– 2024)

CIR. No.: SACET/EEE/CIR/04

16.10.2023

It is informed that Department of Electrical and Electronics Engineering has planned to organize a ten days Value Added course on “EVA019-MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS” in our college premises to enhance the practical Knowledge of the students. Hence, the IV Year Students of the Department are cordially invited.

Name of the Resource Person : Mr. Sriram. K, AP/EEE,

Date : 17.10.2023 to 02.11.2023.

Venue : Power System Laboratory.


HOD/EEE

Head of the Department
Dept. of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchetypalayam, Panruti-607106.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Accredited by NAAC Affiliated to Anna University, Chennai)

ANGUCHETTYPALAYAM, PANRUTI -607 106.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
&
POWER ENGINEERS TECHNICAL SOCIETY**

We cordially invite you to the Inauguration of

Value Added Course

On

**“MATLAB AND SIMULATION
FOR ELECTRICAL ENGINEERS”**

from

17th October, 2023 to 02nd November 2023

at 9.15 am

Venue: Power System Simulation Laboratory

Welcome you all!!!



Off: 22357077 / 73
22357074
Fax / Dir : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. S.HOSIMIN THILAGAR
DIRECTOR
Letter No: 2941/AU/EVA/CAC/2023

07.09.20 23

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

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

Ref: 1. Letter No. Nil, dated: 24.08.2023.
2. Mail received from St.Anne's College of Engineering and Technology
dated: 02.09.2023.

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.	EVA019	MATLAB and SIMULINK for Electrical Engineers	2 0 0 2

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

Yours faithfully,


7/9/23
DIRECTOR

Copy to:

1. The Chairperson, Faculty of Electrical Engineering, Anna University, Chennai - 25.
2. The Principal, St.Anne's College of Engineering and Technology, Anguchettyalayam, Pantruti – Taluk, Cuddalore District – 607 106.
3. The Stock File.

kv

EVA019 - MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS

The objective of the Course:

This value-added course focuses on hands-on IoT concepts such as sensing, actuation and communication. It covers the development of Internet of Things (IoT) prototypes—including devices for sensing, actuation, processing, and communication—to help you develop skills and experiences. The Internet of Things (IoT) is the next wave, world is going to witness. Today we live in an era of connected devices and the future is of connected things.

Learning Outcome:

After the completion of the course, the students will be able design some IoT based prototypes

Duration of the Course:

30 hours (30 hours theory)

COURSE OUTLINE

1. Introduction to IoT Introduction of MATLAB
2. Solution for Linear equations
3. Simulation of AC and DC Circuits
4. Analysis of Converters
5. Toolbox for Electrical Engineering


16/6/20

Head of the Department/EEE

(with date & seal)

Head of the Department
Dept of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607106.


16/3/23

Head of the Institution

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.

MATLAB & Simulink for Electrical Engineers

L T P C
2 0 0 2

Objectives:

To enable students

- Understand the application of matrices in engineering computation
- Write MATLAB code for simple numerical problems
- Use Simulink block sets to design and simulate electrical system
- Develop an application using MATLAB scripts and Simulink

Unit I

Introduction to MATLAB & Simulink

Types of matrices and its application – Arithmetic operation – Plotting & Visualizing data – Matlab scripts using matrices – Simulink environment – Operators – Functions – Dynamic systems & continuous systems – Hands on session

6

Unit II

MATLAB scripts for Electrical Engineering applications

Data types – conditional & loop statements – function & subprograms – Matlab scripts for mathematical problems: Electric circuits, Electrical Machines, Transmission & Distribution, and Power Systems – introduction to fuzzy logic and neural networks – Hands on session

6

Unit III

Simulink application to Digital Systems

Design of arithmetic circuits – design of flip flops – design of shift registers and counters – State machines – Moore and Mealy machines – Introduction to Simulink State flow – Hands on session

6

Unit IV

Simulink application to Electric circuits, Electrical Machines

Simulation of electric circuits – Modelling of electrical machines: DC Motors, Doubly fed Induction Generator, Transformers, Switched Reluctance Motor, Brushless DC Motor – Solver options in Simulink – Hands on session

6

Unit V

Simulink application to Power electronics, Power Systems

Design on Rectifiers & Inverters – Design of Power Converters – Simulation of non-electrical models – Control of electrical machines – Simulation of electrical power system: Power flow, Fault analysis, FACTS devices – Hands on session

6

Total Periods:30

Outcomes:

Students will be able to

- Use matrices to perform various numerical computation involved in electrical engineering
- Write MATLAB codes to solve numerical problems and write algorithms
- Develop Simulink models to simulate physical systems and electric circuits
- Find solution to electrical engineering problems using MATLAB scripts and Simulink

Reference:

1. Simulink – Dynamic system simulation for MATLAB, The MathWorks Inc.
2. Introduction to Simulink with engineering applications, Steven T. Karris, Orchard Publication
3. Circuit Analysis-I with MATLAB computing and Simulink/Sim Power Systems, Steven T. Karris, Orchard Publication
4. Electrical drives and power converters using MATLAB /Simulink, Liuping Wang, Shan Chai, Dae Yoo, Lu Gan and Ki Ng, John Wiley
5. Neural Network Toolbox for use with MATLAB, Howard Demuth, The MathWorks Inc.
6. Fuzzy Logic Toolbox for use with MATLAB, The MathWorks Inc.
7. Sim Power Systems Toolbox for use with Simulink, The MathWorks Inc.
8. Simulation of Dynamic Systems with MATLAB and Simulink, Harold Klee and Randal Allen, CRC Press
9. Dynamic simulation of Electric Machinery using MATLAB /Simulink Chee-Mung Ong, Prentice Hall

B. 10/2/2022
Dr. R. AROKIADASS, M.E., Ph.D.
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETYPAL,
Siruvathur (Post), P.
Cuddalore (Dist), Pin. 605 002.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT NAME LIST

S.NO	REGISTER NUMBER	NAME
1	422120105002	ANTONY GEORGE S R
2	422120105003	ARAVINDAN A
3	422120105004	ASLIN JOSEPH S
4	422120105005	BHARANI S
5	422120105007	DHIVAGAR M
6	422120105008	IYYAPPAN I
7	422120105009	MOHANRAJ S
8	422120105010	MONIKA R
9	422120105011	MUTHU KUMAR M
10	422120105012	PRAVEEN RAJ R
11	422120105013	RAGUL R[11-09-2002]
12	422120105014	RAGUL R [16-01-2003]
13	422120105015	SANJAI D
14	422120105016	SARAVANAN K
15	422120105017	SASIDHAR A
16	422120105018	SUBASHCHANDRABOSE S
17	422120105019	VIGNESH V
18	422120105020	VIVEKANANDHAN V
19	422120105301	ABINESH A
20	422120105303	ARAVIND R
21	422120105305	CHANDRU C
22	422120105306	GIRIDHARAN S
23	422120105307	GNANAMOORTHY R
24	422120105308	GURUMOORTHY P

25	422120105309	KIRUBANITHI T
26	422120105310	RISHIDHARAN T
27	422120105311	SAM ROSARIO A
28	422120105312	SEDHU S
29	422120105313	TAMIZHMANI T
30	422120105314	VALLARASU S
31	422120105315	VASANTHAKUMAR S
32	422120105501	RAJESWARI A



Head of the Department/EEE

(with date & seal)

Head of the Department

Dept. of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607106.



Head of the Institution

Dr. R. AROKIA DASS, M.E., Ph.D.,

Principal,

St. Anne's College of Engineering & Technology,

ANGUCHETTYPALAYAM,

Siravathur-(Post), Panruti-(T.k),

Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE – ATTENDANCE

Course: EVA019 - MATLAB and Simulink for Electrical Engineers

YEAR/SEM : IV/VII

PERIOD: JUL 2023 – NOV 2023

S. No.	Reg. No.	Name	17.10.2023	18.10.2023	19.10.2023	21.10.2023	25.10.2023	26.10.2023	28.10.2023	31.10.2023	01.11.2023	02.11.2023
1	422120105002	Antony George S R	S.R. Antony George	S.R. Antony George	S.R. Antony George	S.R. Antony George	S.R. Antony George	S.R. Antony George	S.R. Antony George	S.R. Antony George	S.R. Antony George	S.R. Antony George
2	422120105003	Aravindan A	Arav. A	Arav. A	Arav. A	Arav. A	Arav. A	Arav. A	Arav. A	Arav. A	Arav. A	Arav. A
3	422120105004	Aslin Joseph S	S. Aslin J	S. Aslin J	S. Aslin J	S. Aslin J	S. Aslin J	S. Aslin J	S. Aslin J	S. Aslin J	S. Aslin J	S. Aslin J
4	422120105005	Bharani S	S. Bharani	S. Bharani	S. Bharani	S. Bharani	S. Bharani	S. Bharani	S. Bharani	S. Bharani	S. Bharani	S. Bharani
5	422120105007	Dhivagar M	M. Dhivagar	M. Dhivagar	M. Dhivagar	M. Dhivagar	M. Dhivagar	M. Dhivagar	M. Dhivagar	M. Dhivagar	M. Dhivagar	M. Dhivagar
6	422120105008	Iyyappan I	I. Iyyappan	I. Iyyappan	I. Iyyappan	I. Iyyappan	I. Iyyappan	I. Iyyappan	I. Iyyappan	I. Iyyappan	I. Iyyappan	I. Iyyappan
7	422120105009	Mohanraj S	S. Mohanraj	S. Mohanraj	S. Mohanraj	S. Mohanraj	S. Mohanraj	S. Mohanraj	S. Mohanraj	S. Mohanraj	S. Mohanraj	S. Mohanraj
8	422120105010	Monika R	R. Monika	R. Monika	R. Monika	R. Monika	R. Monika	R. Monika	R. Monika	R. Monika	R. Monika	R. Monika
9	422120105011	Muthu Kumar M	M. Muthu Kumar	M. Muthu Kumar	M. Muthu Kumar	M. Muthu Kumar	M. Muthu Kumar	M. Muthu Kumar	M. Muthu Kumar	M. Muthu Kumar	M. Muthu Kumar	M. Muthu Kumar
10	422120105012	Praveen Raj R	R. Praveen Raj	R. Praveen Raj	R. Praveen Raj	R. Praveen Raj	R. Praveen Raj	R. Praveen Raj	R. Praveen Raj	R. Praveen Raj	R. Praveen Raj	R. Praveen Raj
11	422120105013	Ragul R [11-09-2002]	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul
12	422120105014	Ragul R [16-01-2003]	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul	R. Ragul
13	422120105015	Sanjai D	D. Sanjai	D. Sanjai	D. Sanjai	D. Sanjai	D. Sanjai	D. Sanjai	D. Sanjai	D. Sanjai	D. Sanjai	D. Sanjai
14	422120105016	Saravanan K	K. Saravanan	K. Saravanan	K. Saravanan	K. Saravanan	K. Saravanan	K. Saravanan	K. Saravanan	K. Saravanan	K. Saravanan	K. Saravanan
15	422120105017	Sasidhar A	A. Sasidhar	A. Sasidhar	A. Sasidhar	A. Sasidhar	A. Sasidhar	A. Sasidhar	A. Sasidhar	A. Sasidhar	A. Sasidhar	A. Sasidhar
16	422120105018	Subashchandrabose S	S. Subash Chandrabose	S. Subash Chandrabose	S. Subash Chandrabose	S. Subash Chandrabose	S. Subash Chandrabose	S. Subash Chandrabose	S. Subash Chandrabose	S. Subash Chandrabose	S. Subash Chandrabose	S. Subash Chandrabose
17	422120105019	Vignesh V	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh	V. Vignesh
18	422120105020	Vivekanandhan V	V. Vivekanandhan	V. Vivekanandhan	V. Vivekanandhan	V. Vivekanandhan	V. Vivekanandhan	V. Vivekanandhan	V. Vivekanandhan	V. Vivekanandhan	V. Vivekanandhan	V. Vivekanandhan

S. No.	Reg. No.	Name	17.10.2023	18.10.2023	19.10.2023	21.10.2023	25.10.2023	26.10.2023	28.10.2023	31.10.2023	01.11.2023	02.11.2023
19	422120105301	Abinesh A	A.Aj	A.Aj	A.Aj	A.Aj	A.Aj	A.Aj	A.Aj	A.Aj	A.Aj	A.Aj
20	422120105303	Aravind R	R.Sanj	R.Sanj	R.Sanj	R.Sanj	R.Sanj	R.Sanj	R.Sanj	R.Sanj	R.Sanj	R.Sanj
21	422120105305	Chandru C	C.Chandru	C.Chandru	C.Chandru	C.Chandru	C.Chandru	C.Chandru	C.Chandru	C.Chandru	C.Chandru	C.Chandru
22	422120105306	Giridharan S	S.Giri	S.Giri	S.Giri	S.Giri	S.Giri	S.Giri	S.Giri	S.Giri	S.Giri	S.Giri
23	422120105307	Gnanamoorthy R	R.Gna	R.Gna	R.Gna	R.Gna	R.Gna	R.Gna	R.Gna	R.Gna	R.Gna	R.Gna
24	422120105308	Gurumoorthi P	P.Guru	P.Guru	P.Guru	P.Guru	P.Guru	P.Guru	P.Guru	P.Guru	P.Guru	P.Guru
25	422120105309	Kirubanithi T	T.Kirub	T.Kirub	T.Kirub	T.Kirub	T.Kirub	T.Kirub	T.Kirub	T.Kirub	T.Kirub	T.Kirub
26	422120105310	Rishidharan T	T.Rishi	T.Rishi	T.Rishi	T.Rishi	T.Rishi	T.Rishi	T.Rishi	T.Rishi	T.Rishi	T.Rishi
27	422120105311	Sam Rosario A	A.SamR	A.SamR	A.SamR	A.SamR	A.SamR	A.SamR	A.SamR	A.SamR	A.SamR	A.SamR
28	422120105312	Sedhu S	S.Sedu	S.Sedu	S.Sedu	S.Sedu	S.Sedu	S.Sedu	S.Sedu	S.Sedu	S.Sedu	S.Sedu
29	422120105313	Tamizhmani T	T.Tamizh	T.Tamizh	T.Tamizh	T.Tamizh	T.Tamizh	T.Tamizh	T.Tamizh	T.Tamizh	T.Tamizh	T.Tamizh
30	422120105314	Vallarasu S	S.Vallara	S.Vallara	S.Vallara	S.Vallara	S.Vallara	S.Vallara	S.Vallara	S.Vallara	S.Vallara	S.Vallara
31	422120105315	Vasanthakumar S	S.Vasanth	S.Vasanth	S.Vasanth	S.Vasanth	S.Vasanth	S.Vasanth	S.Vasanth	S.Vasanth	S.Vasanth	S.Vasanth
32	422120105501	Rajeswari A	A.Reej	A.Reej	A.Reej	A.Reej	A.Reej	A.Reej	A.Reej	A.Reej	A.Reej	A.Reej

[Signature]
COURSE INCHARGE

[Signature]
HEAD OF THE DEPARTMENT

Head of the Department
 Dept. of Electrical & Electronics Engineering,
 St. Anne's College of Engineering & Technology,
 Anguchettypalayam, Panruti-607106.

[Signature]
PRINCIPAL
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
 St. Anne's College of Engineering & Technology,
 ANGUCHETTYPALAYAM,
 Siruvathur (Post), Panruti (T.k),
 Cuddalore-(Dist), Pin: 607 110.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE -MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS
ASSESSMENT MARKS

Batch: 2020 – 24

IV -Year

Year/Sem: IV/VII

Assessment Marks -I

S.NO	Register Number	Name of the Student	Total Hours	Hours Attended	Assessment marks
1	422120105002	Antony George S R	15	15	98
2	422120105003	Aravindan A	15	15	94
3	422120105004	Aslin Joseph S	15	15	92
4	422120105005	Bharani S	15	15	90
5	422120105007	Dhivagar M	15	15	92
6	422120105008	Iyyappan I	15	15	90
7	422120105009	Mohanraj S	15	15	95
8	422120105010	Monika R	15	15	90
9	422120105011	Muthu Kumar M	15	15	92
10	422120105012	Praveen Raj R	15	15	94
11	422120105013	Ragul R[11-09-2002]	15	15	98
12	422120105014	Ragul R [16-01-2003]	15	15	94
13	422120105015	Sanjai D	15	15	92
14	422120105016	Saravanan K	15	15	90
15	422120105017	Sasidhar A	15	15	92
16	422120105018	Subashchandrabose S	15	15	90
17	422120105019	Vignesh V	15	15	95
18	422120105020	Vivekanandhan V	15	15	98
19	422120105301	Abinesh A	15	15	94
20	422120105303	Aravind R	15	15	92
21	422120105305	Chandru C	15	15	90
22	422120105306	Giridharan S	15	15	92
23	422120105307	Gnanamoorthy R	15	15	90
24	422120105308	Gurumoorthi P	15	15	95
25	422120105309	Kirubanithi T	15	15	90
26	422120105310	Rishidharan T	15	15	92
27	422120105311	Sam Rozario A	15	15	94
28	422120105312	Sedhu S	15	15	98
29	422120105313	Tamizhmani T	15	15	94
30	422120105314	Vallarasu S	15	15	92



31	422120105315	Vasanthakumar S	15	15	90
32	422120105501	Rajeswari A	15	15	92

Assessment Marks -II

S.NO	Register Number	Name of the Student	Total Hours	Hours Attended	Assessment marks
1	422120105002	Antony George S R	15	15	95
2	422120105003	Aravindan A	15	15	90
3	422120105004	Aslin Joseph S	15	15	92
4	422120105005	Bharani S	15	15	94
5	422120105007	Dhivagar M	15	15	98
6	422120105008	Iyyappan I	15	15	94
7	422120105009	Mohanraj S	15	15	92
8	422120105010	Monika R	15	15	90
9	422120105011	Muthu Kumar M	15	15	92
10	422120105012	Praveen Raj R	15	15	95
11	422120105013	Ragul R[11-09-2002]	15	15	98
12	422120105014	Ragul R [16-01-2003]	15	15	94
13	422120105015	Sanjai D	15	15	92
14	422120105016	Saravanan K	15	15	95
15	422120105017	Sasidhar A	15	15	90
16	422120105018	Subashchandrabose S	15	15	92
17	422120105019	Vignesh V	15	15	94
18	422120105020	Vivekanandhan V	15	15	98
19	422120105301	Abinesh A	15	15	94
20	422120105303	Aravind R	15	15	92
21	422120105305	Chandru C	15	15	90
22	422120105306	Giridharan S	15	15	92
23	422120105307	Gnanamoorthy R	15	15	90
24	422120105308	Gurumoorthi P	15	15	95
25	422120105309	Kirubanithi T	15	15	95
26	422120105310	Rishidharan T	15	15	90
27	422120105311	Sam Rozario A	15	15	92
28	422120105312	Sedhu S	15	15	95
29	422120105313	Tamizhmani T	15	15	98
30	422120105314	Vallarasu S	15	15	94



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Approved by NAAC, New Delhi, Affiliated to Anna University, Chennai)

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

31	422120105315	Vasanthakumar S	15	15	92
32	422120105501	Rajeswari A	15	15	95


COURSE COORDINATOR

Sr 
HOD


29.11.23

Dr. R. AROKIABASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvethur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

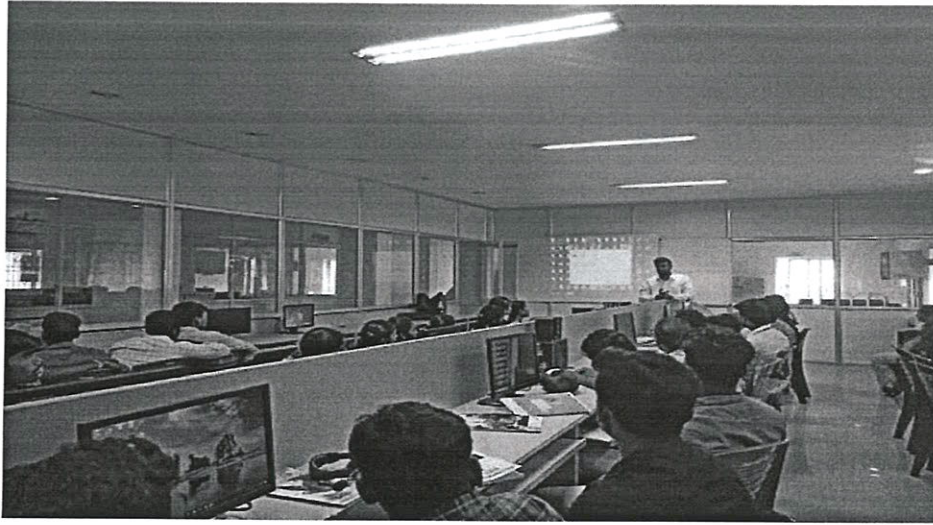
ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EVA019-MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS

REPORT

The recently conducted Value Added Course on MATLAB and Simulink for Electrical Engineers, spanning from 17.10.2023 to 02.11.2023, aimed at equipping participants with essential skills for practical applications in their field. This value-added course focuses on hands on IoT concepts such as sensing, actuation, processing and communication. The curriculum integrated hands-on lab sessions and real-world case studies, fostering a dynamic learning environment. Participant feedback underscored the course's efficacy, emphasizing the direct relevance and applicability of the acquired skills to their professional roles. Throughout the training, participants demonstrated increased proficiency in MATLAB programming and Simulink modelling, enabling them to tackle complex electrical engineering challenges. The practical approach of the course facilitated a seamless transition from theory to application. Noteworthy achievements include participants' enhanced ability to solve intricate problems through simulation, improved understanding of system design, and increased confidence in utilizing MATLAB and Simulink for real-world projects. The course's success was evident in the positive outcomes reported by participants, reinforcing its impact on bridging the gap between theoretical knowledge and practical implementation. Recommendations for future courses include exploring advanced topics and fostering industry collaborations to provide participants with exposure to real-world projects. Overall, the Value-Added Course on MATLAB and Simulink for Electrical Engineers proved to be a valuable initiative, empowering participants with the skills necessary to excel in their professional endeavors.



K. Lian
HOD

Head of the Department
Dept. of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607106,

R. Arakiadass
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EVA019-MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS

VALUE ADDED COURSE FEEDBACK


DEPARTMENT: EEE

PERIOD: NOV-DEC 2023

Q.No	Questions	Student Count	Credit Category					Total Credit	Credit Secured	%
			5	4	3	2	1			
1	Course plan	32	32	0	0	0	0	160	160	100%
2	Training duration	32	18	14	0	0	0	160	146	91%
3	Interactive approach	32	32	0	0	0	0	160	160	100%
4	Mode of presentation	32	32	0	0	0	0	160	160	100%
5	The course material handed out was adequate	32	17	15	0	0	0	160	145	91%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	32	32	0	0	0	0	160	160	100%
7	The course exposed you to new knowledge and practices	32	31	1	0	0	0	160	159	99%
8	Were objectives of the course clear to you?	32	32	0	0	0	0	160	160	100%
9	The course contents met with your expectations	32	32	0	0	0	0	160	160	100%
10	How would you rate the overall course content?	32	21	11	0	0	0	160	149	93%


PREPARED BY


VERIFIED BY
Head of the Department
Dept. of Electrical & Electronics Engineering,
St. Anne's College of Engineering & Technology,
Anguchetty Palayam, Panruti - 607 106.


APPROVED BY
Dr. R. Aravindan, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-7.kt



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE FEEDBACK

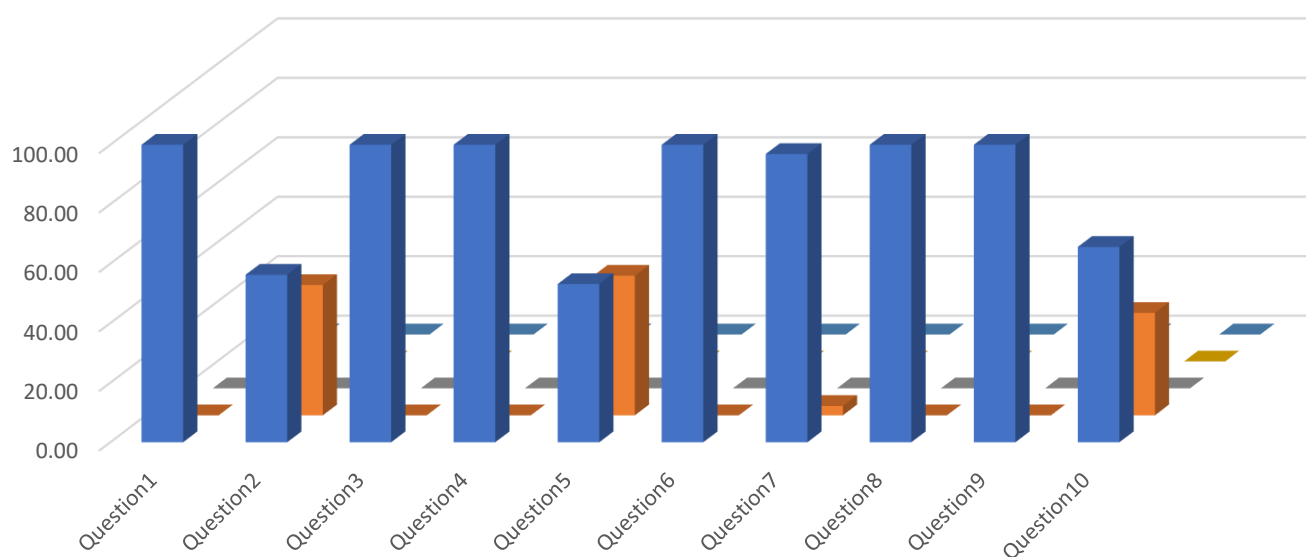
EVA019 – MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS

Number of students: 32

PERIOD: NOV-DEC 2023

Questions	EVA019- MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS				
	EX	VG	G	S	P
Question1	100.00	0.00	0.00	0.00	0.00
Question2	56.25	43.75	0.00	0.00	0.00
Question3	100.00	0.00	0.00	0.00	0.00
Question4	100.00	0.00	0.00	0.00	0.00
Question5	53.13	46.88	0.00	0.00	0.00
Question6	100.00	0.00	0.00	0.00	0.00
Question7	96.88	3.13	0.00	0.00	0.00
Question8	100.00	0.00	0.00	0.00	0.00
Question9	100.00	0.00	0.00	0.00	0.00
Question10	65.63	34.38	0.00	0.00	0.00

EVA019- MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS



R. Arukiadass
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,

Principal,

St. Anne's College of Engineering & Technology,

ANGUCHETTYPALAYAM,

Sirayathur-(Post), Panruti-(T.k),

Cuddalore-(Dist), Pin: 607 119.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE FEEDBACK

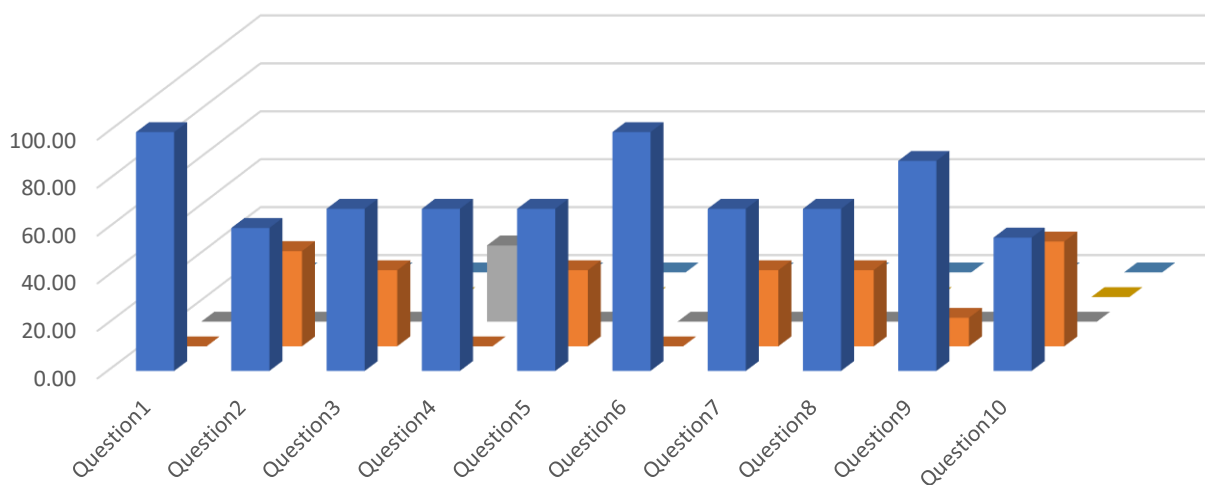
ARDUINO PROGRAMMING

Number of students: 25

PERIOD: APRIL-MAY 2024

Questions	ARDUINO PROGRAMMING				
	EX	VG	G	S	P
Question1	100.00	0.00	0.00	0.00	0.00
Question2	60.00	40.00	0.00	0.00	0.00
Question3	68.00	32.00	0.00	0.00	0.00
Question4	68.00	0.00	32.00	0.00	0.00
Question5	68.00	32.00	0.00	0.00	0.00
Question6	100.00	0.00	0.00	0.00	0.00
Question7	68.00	32.00	0.00	0.00	0.00
Question8	68.00	32.00	0.00	0.00	0.00
Question9	88.00	12.00	0.00	0.00	0.00
Question10	56.00	44.00	0.00	0.00	0.00

ARDUINO PROGRAMMING



R. Arokiadass
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sirayathur-(Post), Panruti-(T.k),
Cuddalore-(Dist). Pin: 607 119.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai
Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI -607 106.

Certificate of Participation

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

of Department of Electrical and Electronics Engineering, St. Anne's College of Engineering and Technology has participated Value added course on "EVA019 MATLAB AND SIMULINK FOR ELECTRICAL ENGINEERS" on 17th Oct to 2nd Nov 2023.

Head of the Department

Principal



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

(2023 – 2024)

CIR. No: SANCET/ECE/CIR/08

31.08.2023

The Department of Electronics and Communication Engineering has planned to conduct a value-added course on “IVA064 Arduino Programming” for final year ECE students at VLSI/Embedded Laboratory from 04.09.2023 to 15.09.2023.

Name of the Resource Persons: 1. **Mr. S. BalaBasker, M. Tech,**


Assistant Professor
Department of Electronics & Communication Engineering,
St. Anne's College of Engineering and technology

2. **Mr. B. Arunkumar, M.E,**

Assistant Professor
Department of Electronics & Communication Engineering,
St. Anne's College of Engineering and technology

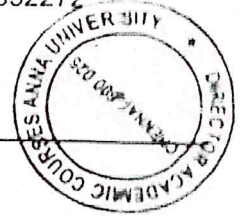

31/8/23
EVENT CO-ORDINATOR


HOD 31/8/23
ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.k.
Cuddalore-Dist. 607 110


31.8.23
PRINCIPAL
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



Off: 22357077 / 73
22357074
Fax / Dir : 22352272
CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI - 600 026



Dr. S.HOSIMIN THILAGAR
DIRECTOR
Letter No.2904/AU/VA/CAC/FICE/2023

31.08.2023

To
The Controller of Examinations
Anna University
Chennai - 25.

PD
HOB/ECE
19/8/23

Sir,


Sub: A.U. - CAC -Affiliated Institutions - Value Added Courses - Reg.
Ref : Letter received from the Principal, St. Anne's College of Engineering and
Technology, dated:24.08.2023.

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

SI. NO.	CODE ALLOTTED	TITLE	CREDITS			
			L	T	P	C
1.	IVA064	Arduino Programming	0	0	2	1

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

Yours faithfully,


DIRECTOR 31/8/2023

Copy to:

1. The Principal, St. Anne's College of Engineering and Technology, Panruti,
Cuddalore - 607 110.
2. The Chairperson, Faculty of Information and Communication Engineering, A.U.,
Chennai -25.
3. The Stock File.

Value Added Course (Semester -VII)

IVA064 – Arduino Programming

L T P C
0 0 2 1

COURSE OBJECTIVES:

- ✓ To know the Hardware Architecture of Arduino Uno & NodeMCU ESP8266
- ✓ To learn the Programming Tools of Arduino
- ✓ To familiarize students with Arduino as IDE, programming language & platform.
- ✓ To provide knowledge of Arduino boards and basic components.
- ✓ To develop skills to design and implement various smart system application using Arduino.

SYLLABUS

UNIT-I EMBEDDED C PROGRAMMING FOR ARDUINO

Introduction-Arduino IDE, Setting Up Your Environment, Variables, looping statements, Logical Operators, Mathematical operators, functions, Programming with Arduino IDE, Compiling and Debugging using IDE

UNIT-II ARCHITECTURE OF ARDUINO UNO BOARD

Introduction to Arduino Uno, I/O ports Capability of Arduino Uno, analog and digital signals basics & its features, Interfacing of Digital Input (Push Button), Digital Output (LED), Analog Input (Potentiometer), and Analog output (LED brightness control-PWM), Interfacing of LCD using I²C.

UNIT-III ARDUINO INTERFACING

Relay interfacing- matrix keypad interfacing with Arduino-Motor control using Arduino-GSM/GPRS interfacing-Arduino serial communication-Arduino parallel communication.

UNIT-IV INTRODUCTION TO IoT & BLYNK PLATFORM

Introduction to IoT and Blynk, Basics of ESP8266 Wifi Module (Node MCU), Overview & hardware architecture of Node MCU, setting up the Hardware, Interfacing with Arduino, Usage of actual pins to control LED, RGB Light, turn on/off high-voltage loads using Relay. Usage of Virtual pins to Detect motion, measure distance, and check light intensity.

UNIT-V SMART SYSTEM DESIGN USING ARDUINO

Development of an algorithm for Temperature Control System, Visitor Counter system, and Traffic Light Control system: Preparation of Bill of materials, Selection of Sensors, Interfacing of Sensors and test the output. Introduction to Li-Fi-based Data communication, Interfacing Li-Fi with Arduino, Application Development with Li-Fi.

COURSE OUTCOMES:

Upon the completion of the course, students will be able to

- ✓ The students will be outfitted with hands-on knowledge using Arduino
- ✓ Design and validate the interfacing of different Sensors with Arduino
- ✓ Design hardware and software for a specific application using Arduino
- ✓ Execute coding to gather and process data on the Arduino via the IoT cloud (Blynk platform).

TEXTBOOKS:

1. Massimo Banzi, "Getting Started with Arduino: The Open Source", Shroff Publishers & Distributors Pvt Ltd, 2014
2. Simon Monk, "Programming Arduino: Getting Started with Sketches", McGraw-Hill Education, Second Edition, 2016
3. Vijay Madiseti and Arshdeep Bahga, "Internet of Things (A Hands-on Approach)", 1st Edition, VPT, 2014

REFERENCE BOOKS:

1. Margolis, "Arduino Cookbook", Shroff/O'Reilly Publication, 2nd edition 2012.
2. Francis daCosta, "Rethinking the Internet of Things: A Scalable Approach to Connecting Everything", 1st Edition, Apress Publications, 2013
3. Cuno Pfister, Getting Started with the Internet of Things, O'Reilly Media, 2011,

WEB REFERENCES:

1. <https://www.arduino.cc>
2. <https://nptel.ac.in/courses/106/105/106105166/>
3. <https://nptel.ac.in/courses/108/108/108108098/>
4. <https://www.coursera.org/specializations/uiuc-iot>
5. <https://www.riverpublishers.com/pdf/ebook/RP9788793519046.pdf>
6. https://www.tutorialspoint.com/internet_of_things/internet_of_things_tutorial


E-BOOKS

1. <http://library.lol/main/57876BC0DD717B3BA12EBB4872C9B12A>
2. <http://library.lol/main/267A24BCF215FE16B2F37CE7A6B60B0B>
3. <http://library.lol/main/55F89921976625E3C32EF417A7FCA031>


Head of the Department/ECE

(with date & seal)

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.k.
Cuddalore-Dist. 607 110


Head of the Institution

Dr. R. AROKIDASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

(An ISO 9001: 2015 Certified Institution)

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


VALUE ADDED COURSE

IVA064 – ARDUINO PROGRAMMING

STUDENT NAME LIST

S.NO	REGISTER NUMBER	NAME
1	422120106001	AKASH R
2	422120106002	ANILKUMAR A
3	422120106003	LEELA G
4	422120106004	NIVETHA U
5	422120106005	RAJASRI S
6	422120106006	SHANMUGAPRIYA N
7	422120106007	SHEKINAJEBASTINA Y
8	422120106008	SRIHARI S
9	422120106009	SRIMATHI K
10	422120106010	UMMAGESHWARAN D
11	422120106011	VANJINATHAN G
12	422120106012	VASANTHAN V
13	422120106013	VASANTHAKUMAR M
14	422120106301	AJITH M
15	422120106302	AJITHKUMAR V
16	422120106303	CHANDRU D
17	422120106304	KAYALVIZHI M
18	422120106305	LINGESHWARAN R


Head of the Department/ECE


Head of the Institution

(with date & seal)
ECE Department

St. Anne's College of Engineering & Technology

ANGUCHETTYPALAYAM,

Siruvathur-Post, Panruti - 607 106.

Dr.R.AROKIADASS, M.E., Ph.D.,

Principal,

St.Anne's College of Engineering & Technology

ANGUCHETTYPALAYAM,

Siruvathur-Post, Panruti - 607 106.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

(Accredited by NAAC)

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

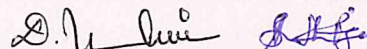
MARK LIST

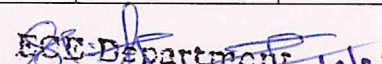
Date of Exam: CIA-I -09.09.2023, CIA-II - 16.09.2023


Course: IVA064 – Arduino Programming

Year/ Semester: IV/VII

S.NO	REGISTER NO.	NAME	TOTAL HOURS	HOURS PRESENT	CIA-1 / 100Marks	TOTAL HOURS	HOURS PRESENT	CIA-II / 100Marks	TOTAL MARK
1	422120106001	AKASH R	15	15	96	15	15	98	97
2	422120106002	ANILKUMAR A	15	15	95	15	15	97	96
3	422120106003	LEELA G	15	15	95	15	15	97	96
4	422120106004	NIVETHA U	15	15	96	15	15	98	97
5	422120106005	RAJASRI S	15	15	95	15	15	97	96
6	422120106006	SHANMUGAPRIYA N	15	15	94	15	15	98	96
7	422120106007	SHEKINAJEBASTINA Y	15	15	97	15	15	99	98
8	422120106008	SRIHARI S	15	15	98	15	15	98	98
9	422120106009	SRIMATHI K	15	15	98	15	15	99	99
10	422120106010	UMAMAGESHWARAN D	15	15	95	15	15	97	96
11	422120106011	VANJINATHAN G	15	15	96	15	15	98	97
12	422120106012	VASANTHAN V	15	15	95	15	15	97	96
13	422120106013	VASANTHAKUMAR M	15	15	95	15	15	97	96
14	422120106301	AJITH M	15	15	96	15	15	98	97
15	422120106302	AJITHKUMAR V	15	15	95	15	15	97	96
16	422120106303	CHANDRU D	15	15	94	15	15	98	96
17	422120106304	KAYALVIZHI M	15	15	97	15	15	99	98
18	422120106305	LINGESHWARAN R	15	15	98	15	15	98	98


Faculty Coordinator


ECE Department
Head of the Department
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-Post, Panruti-T.
Page 111 of 181


Dr. R. ARUNADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-Post, Panruti-(T.k).



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

(Accredited by NAAC)

ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ATTENDANCE LIST

Course: IVA064 – Arduino Programming

Year/Semester: IV/VII

S.NO	REGISTER NUMBER	NAME	04.09.2023		05.09.2023		06.09.2023		07.09.2023		08.09.2023	
			09:30AM to 10:30AM	10:45AM to 12:45PM	09:30AM to 10:30AM	10:45AM to 12:45PM	09:30AM to 10:30AM	10:45AM to 12:45PM	09:30AM to 10:30AM	10:45AM to 12:45PM	09:30AM to 10:30AM	10:45AM to 12:45PM
1	422120106001	AKASH R	R.Akash	R.Akash	R.Akash	R.Akash	R.Akash	R.Akash	R.Akash	R.Akash	R.Akash	R.Akash
2	422120106002	ANILKUMAR A	ANIL	ANIL	ANIL	ANIL	ANIL	ANIL	ANIL	ANIL	ANIL	ANIL
3	422120106003	LEELA G	G.Leela	G.Leela	G.Leela	G.Leela	G.Leela	G.Leela	G.Leela	G.Leela	G.Leela	G.Leela
4	422120106004	NIVETHA U	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha
5	422120106005	RAJASRI S	S.Rajasri	S.Rajasri	S.Rajasri	S.Rajasri	S.Rajasri	S.Rajasri	S.Rajasri	S.Rajasri	S.Rajasri	S.Rajasri
6	422120106006	SHANMUGAPRIYA N	N.Shanmuga	N.Shanmuga	N.Shanmuga	N.Shanmuga	N.Shanmuga	N.Shanmuga	N.Shanmuga	N.Shanmuga	N.Shanmuga	N.Shanmuga
7	422120106007	SHEKINAJEBASTINA Y	Y.Shekinaja	Y.Shekinaja	Y.Shekinaja	Y.Shekinaja	Y.Shekinaja	Y.Shekinaja	Y.Shekinaja	Y.Shekinaja	Y.Shekinaja	Y.Shekinaja
8	422120106008	SRIHARI S	S.Srihari	S.Srihari	S.Srihari	S.Srihari	S.Srihari	S.Srihari	S.Srihari	S.Srihari	S.Srihari	S.Srihari
9	422120106009	SRIMATHI K	K.Srimathi	K.Srimathi	K.Srimathi	K.Srimathi	K.Srimathi	K.Srimathi	K.Srimathi	K.Srimathi	K.Srimathi	K.Srimathi
10	422120106010	UMAMAGESHWARAN D	D.Umamagesh	D.Umamagesh	D.Umamagesh	D.Umamagesh	D.Umamagesh	D.Umamagesh	D.Umamagesh	D.Umamagesh	D.Umamagesh	D.Umamagesh
11	422120106011	VANJINATHAN G	G.Vanjinathan	G.Vanjinathan	G.Vanjinathan	G.Vanjinathan	G.Vanjinathan	G.Vanjinathan	G.Vanjinathan	G.Vanjinathan	G.Vanjinathan	G.Vanjinathan
12	422120106012	VASANTHAN V	V.Vasanthan	V.Vasanthan	V.Vasanthan	V.Vasanthan	V.Vasanthan	V.Vasanthan	V.Vasanthan	V.Vasanthan	V.Vasanthan	V.Vasanthan
13	422120106013	VASANTHAKUMAR M	M.Vasanthakumar	M.Vasanthakumar	M.Vasanthakumar	M.Vasanthakumar	M.Vasanthakumar	M.Vasanthakumar	M.Vasanthakumar	M.Vasanthakumar	M.Vasanthakumar	M.Vasanthakumar
14	422120106301	AJITH M	M.Ajith	M.Ajith	M.Ajith	M.Ajith	M.Ajith	M.Ajith	M.Ajith	M.Ajith	M.Ajith	M.Ajith

15	422120106302	AJITHKUMAR V	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith
16	422120106303	CHANDRU D	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru
17	422120106304	KAYALVIZHI M	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi
18	422120106305	LINGESHWARAN R	R. Lingeswaran	R. Lingeswaran	R. Lingeswaran	R. Lingeswaran	R. Lingeswaran	R. Lingeswaran	R. Lingeswaran	R. Lingeswaran	R. Lingeswaran	R. Lingeswaran

D. U. Siva
Faculty Coordinator

[Signature]
19/9/23
Head of the Department
ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.K.,
Cuddalore-Dist. 607 110

[Signature]
Principal
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(T.K.),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

(Accredited by NAAC)

ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ATTENDANCE LIST

Course: IVA064 – Arduino Programming

Year/Semester: IV/VII

S.NO	REGISTER NUMBER	NAME	11.09.2023		12.09.2023		13.09.2023		14.09.2023		15.09.2023	
			09:30AM to 10:30AM	10:45AM to 12:45PM	09:30AM to 10:30AM	10:45AM to 12:45PM	09:30AM to 10:30AM	10:45AM to 12:45PM	09:30AM to 10:30AM	10:45AM to 12:45PM	09:30AM to 10:30AM	10:45AM to 12:45PM
1	422120106001	AKASH R	R. Akash	R. Akash	R. Akash	R. Akash	R. Akash	R. Akash	R. Akash	R. Akash	R. Akash	R. Akash
2	422120106002	ANILKUMAR A	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj
3	422120106003	LEELA G	G. lea	G. lea	G. lea	G. lea	G. lea	G. lea	G. lea	G. lea	G. lea	G. lea
4	422120106004	NIVETHA U	U. Nivetha	U. Nivetha	U. Nivetha	U. Nivetha	U. Nivetha	U. Nivetha	U. Nivetha	U. Nivetha	U. Nivetha	U. Nivetha
5	422120106005	RAJASRI S	S. Rajasri	S. Rajasri	S. Rajasri	S. Rajasri	S. Rajasri	S. Rajasri	S. Rajasri	S. Rajasri	S. Rajasri	S. Rajasri
6	422120106006	SHANMUGAPRIYA N	N. Shanmugapriya	N. Shanmugapriya	N. Shanmugapriya	N. Shanmugapriya	N. Shanmugapriya	N. Shanmugapriya	N. Shanmugapriya	N. Shanmugapriya	N. Shanmugapriya	N. Shanmugapriya
7	422120106007	SHEKINAJEBASTINA Y	Y. Shekinajebastina	Y. Shekinajebastina	Y. Shekinajebastina	Y. Shekinajebastina	Y. Shekinajebastina	Y. Shekinajebastina	Y. Shekinajebastina	Y. Shekinajebastina	Y. Shekinajebastina	Y. Shekinajebastina
8	422120106008	SRIHARI S	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari
9	422120106009	SRIMATHI K	K. Srinathi	K. Srinathi	K. Srinathi	K. Srinathi	K. Srinathi	K. Srinathi	K. Srinathi	K. Srinathi	K. Srinathi	K. Srinathi
10	422120106010	UMAMAGESHWARAN D	D. Umamageshwaran	D. Umamageshwaran	D. Umamageshwaran	D. Umamageshwaran	D. Umamageshwaran	D. Umamageshwaran	D. Umamageshwaran	D. Umamageshwaran	D. Umamageshwaran	D. Umamageshwaran
11	422120106011	VANJINATHAN G	G. Vanjinathan	G. Vanjinathan	G. Vanjinathan	G. Vanjinathan	G. Vanjinathan	G. Vanjinathan	G. Vanjinathan	G. Vanjinathan	G. Vanjinathan	G. Vanjinathan
12	422120106012	VASANTHAN V	V. Vasanthan	V. Vasanthan	V. Vasanthan	V. Vasanthan	V. Vasanthan	V. Vasanthan	V. Vasanthan	V. Vasanthan	V. Vasanthan	V. Vasanthan
13	422120106013	VASANTHAKUMAR M	M. Vasanthakumar	M. Vasanthakumar	M. Vasanthakumar	M. Vasanthakumar	M. Vasanthakumar	M. Vasanthakumar	M. Vasanthakumar	M. Vasanthakumar	M. Vasanthakumar	M. Vasanthakumar

14	422120106301	AJITH M	M.A	M.A	M.A	M.A	M.A	M.A	M.A	M.A	M.A	M.A	M.A
15	422120106302	AJITHKUMAR V	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith	V. Ajith
16	422120106303	CHANDRU D	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru	D. Chandru
17	422120106304	KAYALVIZHI M	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi	M. Kayalvizhi
18	422120106305	LINGESHWARAN R	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran	R. Lingeshwaran

[Signature]
 Faculty Coordinator
 19/9/23

[Signature]
 Head of the Department
 19/9/23

U.E. Department
 St. Anne's College of Engineering & Technology,
 ANGUCHETTIPALAYAM,
 Siruvathur-Post, Panruti-T.E.
 Cuddalore-Dist. 607 110

[Signature]
 Principal
 19/9/23

Dr. R. AROKIADASS, M.E., Ph.D.,
 Principal,
 St. Anne's College of Engineering & Technology,
 ANGUCHETTIPALAYAM,
 Siruvathur-(Post), Panruti-(T.E.),
 Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IVA064 -ARDUINO PROGRAMMING

REPORT

The Department of Electronics and Communication Engineering (ECE) in association with Electronics and Communication Scientia Association (ECSA) has Conducted a Value-added Course- "IVA064 Arduino Programming "from 04.09.2023 to 15.09.2023.

Objective:

The aim of the course is to make the students to learn the basics of Embedded systems and Arduino and to develop their own Arduino based Embedded system projects.

Report:

The students of Department of Electronics and Communication Engineering had participated in the course. On the first day of the course, the students were taught about basics of Embedded systems and Arduino programming. On the second day students were separated into batches and started with Hands-on training. The students started working with implementation of Arduino Based Embedded systems by interfacing hardware device with python communication. The students learnt to program in Arduino board using Embedded programming with the help of the instructions given by the resource persons. After completion of one week first internal Assessment test has been conducted. Hands-on training given to the students were divided in to groups and project work has been assigned to them. After completion of second week second internal Assessment test has been conducted. Finally, the students gave their valuable feedback about their experience in course. The session ended in a fruitful manner with a vote of thanks.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

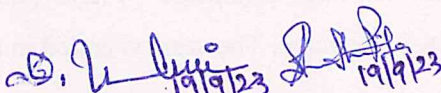
ANGUCHETTYPALAYAM, PANRUTI – 607 106.




COURSE OUTCOMES:

Upon the completion of the course, students will be able to

- ✓ The students will be outfitted with hands-on knowledge using Arduino
- ✓ Design and validate the interfacing of different Sensors with Arduino
- ✓ Design hardware and software for a specific application using Arduino
- ✓ Execute coding to gather and process data on the Arduino via the IoT cloud.


19/9/23 19/9/23
COURSE CO-ORDINATOR


19/9/23
HOD

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.k.,
Cuddalore-Dist: 607 110


PRINCIPAL

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

VALUE ADDED COURSE FEEDBACK

DEPARTMENT :ECE

PERIOD: 2020-2024

TITLE: IVA064-ARDUINO PROGRAMMING

DATE:04.09.2023-15.09.2023

Q. No	Questions	Student Count	Credit Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Course plan	18	11	7	0	0	0	90	83	92%
2	Training duration	18	16	2	0	0	0	90	88	98%
3	Interactive approach	18	18	0	0	0	0	90	90	100%
4	Mode of presentation	18	11	7	0	0	0	90	83	92%
5	The course material handed out was adequate	18	11	7	0	0	0	90	83	92%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	18	11	7	0	0	0	90	83	92%
7	The course exposed you to new knowledge and practices	18	11	7	0	0	0	90	83	92%
8	Were objectives of the course clear to you?	18	11	7	0	0	0	90	83	92%
9	The course contents met with your expectations	18	18	0	0	0	0	90	90	100%
10	How would you rate the overall course content?	18	18	0	0	0	0	90	90	100%

PREPARED BY *[Signature]*

VERIFIED BY *[Signature]* 16/9/2023

BOE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Sivuvathur, Dist. Panruti, T. N. C.

Page 118 of 181

APPROVED BY *[Signature]* 16.9.23

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Sivuvathur-(Post), Panruti-(T.k),
Dist. Panruti, T. N. C. 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI -607 106.

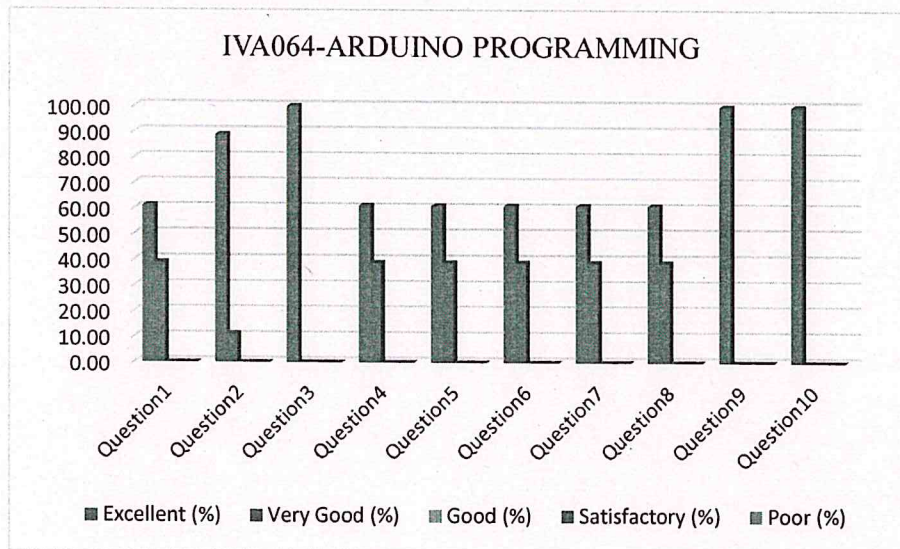
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE FEEDBACK ON IVA064-ARDUINO PROGRAMMING

Number of students: 18

Batch: 2020-2024

Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question1	61.11	38.89	0.00	0.00	0.00
Question2	88.89	11.11	0.00	0.00	0.00
Question3	100.00	0.00	0.00	0.00	0.00
Question4	61.11	38.89	0.00	0.00	0.00
Question5	61.11	38.89	0.00	0.00	0.00
Question6	61.11	38.89	0.00	0.00	0.00
Question7	61.11	38.89	0.00	0.00	0.00
Question8	61.11	38.89	0.00	0.00	0.00
Question9	100.00	0.00	0.00	0.00	0.00
Question10	100.00	0.00	0.00	0.00	0.00



R. Arukiadass
16.9.23

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k).
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Website: www.stannescet.ac.in

Email: stannescet@gmail.com

Certificate of Participation

This certificate is proudly presented to

AKASH R

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in the Value Added Course on

"IVA064 - ARDUINO PROGRAMMING"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 04.09.2023 to 15.09.2023.

Dr. Sr. S. Anita
HOD/ECE

St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Website: www.stannescet.ac.in

Email: stannescet@gmail.com

Certificate of Participation

This certificate is proudly presented to

ANILKUMAR A

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in the Value Added Course on

"IVA064 - ARDUINO PROGRAMMING"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 04.09.2023 to 15.09.2023.

Dr. Sr. S. Anita
HOD/ECE

St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Website: www.stannescet.ac.in

Email: stannescet@gmail.com

Certificate of Participation

This certificate is proudly presented to

LEELA G

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in the Value Added Course on

"IVA064 - ARDUINO PROGRAMMING"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 04.09.2023 to 15.09.2023.

Dr. Sr. S. Anita
HOD/ECE
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Website: www.stannescet.ac.in

Email: stannescet@gmail.com

Certificate of Participation

This certificate is proudly presented to

NIVETHA U

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in the Value Added Course on

"IVA064 - ARDUINO PROGRAMMING"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 04.09.2023 to 15.09.2023.

Dr. Sr. S. Anita
HOD/ECE
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Website: www.stannescet.ac.in

Email: stannescet@gmail.com

Certificate of Participation

This certificate is proudly presented to

RAJASRI S

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in the Value Added Course on

"IVA064 - ARDUINO PROGRAMMING"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 04.09.2023 to 15.09.2023.

Dr. Sr. S. Anita
HOD/ECE

St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal

St. Anne's CET, Panruti



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

(2023 – 2024)

CIR. No: SANCET/ECE/CIR/24

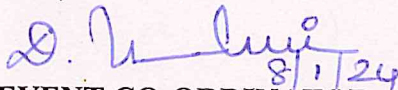
08.01.2024


The Department of Electronics and Communication Engineering in association with Electro Spark (ECE Incubation Center) has arranged a five days' value-added course on “**Embedded System Design**” for Third Year ECE students.

Name of the Resource Persons: **Mr. S. BALABASKER, M. Tech,**
Assistant Professor
Department of Electronics & Communication Engineering
Mr. B. ARUNKUMAR, ME,
Assistant Professor
Department of Electronics & Communication Engineering

Venue: VLSI Lab & ECE Incubation Center

Date & Time: 09.01.2024 to 13.01.2024 & 9.15 am to 4.30 pm


EVENT CO-ORDINATOR


HoD

ECE Department
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-Post, Panruti-T.n
Cuddalore-Dist. 607 106


PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-Post, Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTIPALAYAM, PANRUTI – 607 106.

SYLLABUS FOR VALUE ADDED COURSE EMBEDDED SYSTEM DESIGN

COURSE OBJECTIVES:

To impart knowledge on

- ✓ To know the Hardware Architecture of Arduino Uno & NodeMCU ESP8266
- ✓ To learn the Programming Tools of Arduino
- ✓ To gain knowledge about Arduino Technology with IoT
- ✓ To Program and construct applications using Arduino using a number of different sensors and IoT

SYLLABUS

UNIT-I EMBEDDED C PROGRAMMING FOR ARDUINO

Introduction Arduino IDE, Setting Up Your Environment, Variables, looping statements, Logical Operators, Mathematical operators, functions, Programming with Arduino IDE, Compiling and Debugging using IDE

UNIT-II ARCHITECTURE OF ARDUINO UNO BOARD

Introduction to Arduino Uno, I/O ports Capability of Arduino Uno, analog and digital signals basics & its features, Interfacing of Digital Input (Push Button), Digital Output (LED), Analog Input (Potentiometer), and Analog output (LED brightness control-PWM), Interfacing of LCD using I²C.

UNIT-III ARDUINO APPLICATIONS & LI-FI COMMUNICATION

Development of an algorithm for Temperature Control System, Visitor Counter system, and Traffic Light Control system: Preparation of Bill of materials, Selection of Sensors, Interfacing of Sensors and test the output. Introduction to Li-Fi-based Data communication, Interfacing Li-Fi with Arduino, Application Development with Li-Fi.

UNIT-IV INTRODUCTION TO IoT & BLYNK PLATFORM

Introduction to IoT and Blynk, Basics of ESP8266 Wifi Module (Node MCU), Overview & hardware architecture of Node MCU, setting up the Hardware, Interfacing with Arduino, Usage of actual pins to control LED, RGB Light, turn on/off high-voltage loads using Relay. Usage of Virtual pins to Detect motion, measure distance, and check light intensity.


UNIT-V IoT APPLICATIONS

Overview of DHT-11/22 Sensor, Creating an IoT based smart agriculture System: Interfacing the Hardware: Node MCU, ESP8266 WiFi Module, Soil moisture sensor, Relay, Submersible pump and DHT-11 Sensor, connecting your Arduino Set-up to Blynk via WiFi, running your Arduino IoT Sensor System, Troubleshooting and Checking Your Data via the blynk mobile and web-based application,

COURSE OUTCOMES:

Upon the completion of the course, students will be able to

- ✓ The students will be outfitted with hands-on knowledge in IoT using ARDUINO
- ✓ Design and validate the interfacing of different Sensors with Arduino
- ✓ Design hardware and software for a specific application using Arduino
- ✓ Execute coding to gather and process data on the Arduino via the IoT cloud (Blynk platform).

For 

EVENT COORDINATOR

HoD 

ECE Department,

St. Anne's College of Engineering & Technology,

ANGUCHETTIPALAYAM,

Siruvathur-Post, Panruti Taluk

Cuddalore-Dist. 607 106.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING REGISTERED STUDENT LIST

BATCH: 2021-2025

COURSE: EMBEDDED SYSTEM DESIGN

YEAR/SEM: III/V

S. NO.	REGISTER NO.	NAME OF THE STUDENT
1	422121106001	Abi E
2	422121106003	Anitha R
3	422121106005	Archana A
4	422121106006	Arundoss A
5	422121106007	Ashwin A
6	422121106008	Balaguru P
7	422121106009	Deepika K
8	422121106011	Dhivya A
9	422121106013	Duraimurugan A
10	422121106014	Gopinath V
11	422121106015	Immanuel T
12	422121106016	Inbaraj D
13	422121106017	Karthikeyan U
14	422121106019	Mangaleshwar U
15	422121106020	Mohan J
16	422121106021	Mohana P
17	422121106022	Monish S
18	422121106023	Prithisha E
19	422121106024	Priyadarshan E
20	422121106026	Ragunath A
21	422121106027	Rajamohan P
22	422121106029	Sanjai S
23	422121106030	Sathishkumar P
24	422121106031	Selvakumar S
25	422121106032	Senthamizhnila V
26	422121106034	Srihari K
27	422121106035	Surendhar A
28	422121106036	Suriya R
29	422121106037	Vaishali S
30	422121106038	Vignesh K
31	422121106039	Viswanath N


EVENT COORDINATOR


HoD

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM
Cherthala, Panruti - 607 106



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI - 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ATTENDANCE SHEET

DATE: 09.01.2024 to 13.01.2024

III YEAR

Event Title: Embedded System Design

S.NO.	STUDENT NAME	09.01.2024		10.01.2024		11.01.2024		12.01.2024		13.01.2024	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Abi E	E.Abi	E.Abi	E.Abi	E.Abi	E.Abi	E.Abi	E.Abi	E.Abi	E.Abi	E.Abi
2.	Anitha R	R.Anitha	R.Anitha	R.Anitha	R.Anitha	R.Anitha	R.Anitha	R.Anitha	R.Anitha	R.Anitha	R.Anitha
3.	Archana A	A.Archana	A.Archana	A.Archana	A.Archana	A.Archana	A.Archana	A.Archana	A.Archana	A.Archana	A.Archana
4.	Arundoss A	Aru.Doss	Aru.Doss	Aru.Doss	Aru.Doss	Aru.Doss	Aru.Doss	Aru.Doss	Aru.Doss	Aru.Doss	Aru.Doss
5.	Ashwin A	A.Ashwin	A.Ashwin	A.Ashwin	A.Ashwin	A.Ashwin	A.Ashwin	A.Ashwin	A.Ashwin	A.Ashwin	A.Ashwin
6.	Balaguru P	P.Balaguru	P.Balaguru	P.Balaguru	P.Balaguru	P.Balaguru	P.Balaguru	P.Balaguru	P.Balaguru	P.Balaguru	P.Balaguru
7.	Deepika K	K.Deepika	K.Deepika	K.Deepika	K.Deepika	K.Deepika	K.Deepika	K.Deepika	K.Deepika	K.Deepika	K.Deepika
8.	Dhivya A	A.Dhivya	A.Dhivya	A.Dhivya	A.Dhivya	A.Dhivya	A.Dhivya	A.Dhivya	A.Dhivya	A.Dhivya	A.Dhivya
9.	Duraimurugan A	A.Duraim	A.Duraim	A.Duraim	A.Duraim	A.Duraim	A.Duraim	A.Duraim	A.Duraim	A.Duraim	A.Duraim
10.	Gopinath V	V.Gopinath	V.Gopinath	V.Gopinath	V.Gopinath	V.Gopinath	V.Gopinath	V.Gopinath	V.Gopinath	V.Gopinath	V.Gopinath
11.	Immanuel T	T.Immanuel	T.Immanuel	T.Immanuel	T.Immanuel	T.Immanuel	T.Immanuel	T.Immanuel	T.Immanuel	T.Immanuel	T.Immanuel
12.	Inbaraj D	D.Inbaraj	D.Inbaraj	D.Inbaraj	D.Inbaraj	D.Inbaraj	D.Inbaraj	D.Inbaraj	D.Inbaraj	D.Inbaraj	D.Inbaraj
13.	Karthikeyan U	U.Karthikeyan	U.Karthikeyan	U.Karthikeyan	U.Karthikeyan	U.Karthikeyan	U.Karthikeyan	U.Karthikeyan	U.Karthikeyan	U.Karthikeyan	U.Karthikeyan
14.	Mangaleshwar U	U.Mangaleshwar	U.Mangaleshwar	U.Mangaleshwar	U.Mangaleshwar	U.Mangaleshwar	U.Mangaleshwar	U.Mangaleshwar	U.Mangaleshwar	U.Mangaleshwar	U.Mangaleshwar
15.	Mohan J	J.Mohan	J.Mohan	J.Mohan	J.Mohan	J.Mohan	J.Mohan	J.Mohan	J.Mohan	J.Mohan	J.Mohan
16.	Mohana P	P.Mohana	P.Mohana	P.Mohana	P.Mohana	P.Mohana	P.Mohana	P.Mohana	P.Mohana	P.Mohana	P.Mohana
17.	Monish S	S.Monish	S.Monish	S.Monish	S.Monish	S.Monish	S.Monish	S.Monish	S.Monish	S.Monish	S.Monish
18.	Prithisha E	E.Prithisha	E.Prithisha	E.Prithisha	E.Prithisha	E.Prithisha	E.Prithisha	E.Prithisha	E.Prithisha	E.Prithisha	E.Prithisha
19.	Priyadarshan E	E.Priyadarshan	E.Priyadarshan	E.Priyadarshan	E.Priyadarshan	E.Priyadarshan	E.Priyadarshan	E.Priyadarshan	E.Priyadarshan	E.Priyadarshan	E.Priyadarshan
20.	Ragunath A	A.Ragunath	A.Ragunath	A.Ragunath	A.Ragunath	A.Ragunath	A.Ragunath	A.Ragunath	A.Ragunath	A.Ragunath	A.Ragunath

21.	Rajamohan P	P. Raj	P. Raj	P. Raj	P. Raj	P. Raj	P. Raj	P. Raj	P. Raj	P. Raj	P. Raj	P. Raj
22.	Sanjai S	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai	Sanjai
23.	Sathishkumar P	P. Sathish	P. Sathish	P. Sathish	P. Sathish	P. Sathish	P. Sathish	P. Sathish	P. Sathish	P. Sathish	P. Sathish	P. Sathish
24.	Selvakumar S	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva
25.	Senthamizhnila V	V. Sentham	V. Sentham	V. Sentham	V. Sentham	V. Sentham	V. Sentham	V. Sentham	V. Sentham	V. Sentham	V. Sentham	V. Sentham
26.	Srihari K	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari	S. Srihari
27.	Surendhar A	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar
28.	Suriya R	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya
29.	Vaishali S	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali
30.	Vignesh K	K. Vignesh	K. Vignesh	K. Vignesh	K. Vignesh	K. Vignesh	K. Vignesh	K. Vignesh	K. Vignesh	K. Vignesh	K. Vignesh	K. Vignesh
31.	Viswanath N	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath

D. N. Anurag
EVENT CO-ORDINATOR
13/11/24

R. K. Srinivasan
HOD
13/11/2024

R. Arakiadass
PRINCIPAL
13/11/24

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.K,
Cuddalore-Dist. 607 110

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING VALUE ADDED COURSE ON EMBEDDED SYSTEM DESIGN

BATCH: 2021-2025

YEAR/SEM: III/V

S. NO.	REGISTER NO.	NAME OF THE STUDENT	MARKS
1	422121106001	Abi E	92
2	422121106003	Anitha R	91
3	422121106005	Archana A	98
4	422121106006	Arundoss A	85
5	422121106007	Ashwin A	89
6	422121106008	Balaguru P	89
7	422121106009	Deepika K	91
8	422121106011	Dhivya A	92
9	422121106013	Duraimurugan A	90
10	422121106014	Gopinath V	89
11	422121106015	Immanuel T	86
12	422121106016	Inbaraj D	86
13	422121106017	Karthikeyan U	89
14	422121106019	Mangaleshwar U	87
15	422121106020	Mohan J	98
16	422121106021	Mohana P	95
17	422121106022	Monish S	86
18	422121106023	Prithisha E	92
19	422121106024	Priyadharshan E	89
20	422121106026	Ragunath A	90
21	422121106027	Rajamohan P	91
22	422121106029	Sanjai S	98
23	422121106030	Sathishkumar P	96
24	422121106031	Selvakumar S	91
25	422121106032	Senthamizhnila V	93
26	422121106034	Srihari K	85
27	422121106035	Surendhar A	87
28	422121106036	Suriya R	90
29	422121106037	Vaishali S	99
30	422121106038	Vignesh K	89
31	422121106039	Viswanath N	96

For

EVENT COORDINATOR

HoD
18/11/2024

ECE Department.
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-Post, Panruti - T.A.,
Cuddalore Dist. 607 106



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VAC - REPORT

The Department of Electronics and Communication Engineering (ECE) in association with Electro Spark (ECE Incubation Centre) has arranged five days value-added course (VAC) on “**Embedded System Design**” for Third Year ECE students from 09.01.2024 to 13.01.2024.

Objective:

- In this course students will learn how the Arduino platform works in terms of the physical board and libraries and the IDE (Integrated Development Environment).
- The course will also cover programming the Arduino using C code and accessing the pins on the board via the software to control external devices.

Report:

On the first day of the course, the students were taught about basics of Embedded systems and Arduino programming. On the second day students were separated into batches and started with online Hands-on training. The students started working with implementation of Arduino Based Embedded systems by interfacing hardware device with C language. The students learnt to program in Arduino board using Embedded programming with the help of the instructions given by the resource persons. Around 31 students of Third year ECE Department had participated in this course. Finally, the students gave their valuable feedback about their experience in course. The session ended in a fruitful manner with a vote of thanks.





ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.



COURSE OUTCOMES:

Upon the completion of the course, students will be able to

- After the completion of the course, the students will be specialized in Embedded System Design using Arduino.
- Design and validate the interfacing of different Sensors with Arduino
- Design hardware and software for a specific application using Arduino
- Execute coding to gather and process data on the Arduino via the IoT cloud.

D. N. Srinivasan
20/11/24
COURSE CO-ORDINATOR

S. J. Jeyaraj
HoD
20/11/24

A. Arumugam
PRINCIPAL 27.6.24

**ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sivvathur-Post, Panruti-T.&
Cuddalore-Dist. 607 106.**

**Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sivvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.**



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

VALUE ADDED COURSE FEEDBACK

DEPARTMENT: ECE

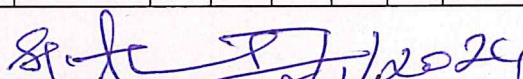
PERIOD: 2021-2025

TITLE: EMBEDDED SYSTEM DESIGN

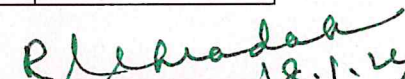
DATE:09.01.2024-13.01.2024

Q. No	Questions	Student Count	Credit Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Course plan	31	31	0	0	0	0	155	155	100%
2	Training duration	31	17	14	0	0	0	155	141	91%
3	Interactive approach	31	18	13	0	0	0	155	142	92%
4	Mode of presentation	31	17	14	0	0	0	155	141	91%
5	The course material handed out was adequate	31	31	0	0	0	0	155	155	100%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	31	18	13	0	0	0	155	142	92%
7	The course exposed you to new knowledge and practices	31	31	0	0	0	0	155	155	100%
8	Were objectives of the course clear to you?	31	31	0	0	0	0	155	155	100%
9	The course contents met with your expectations	31	18	13	0	0	0	155	142	92%
10	How would you rate the overall course content?	31	17	14	0	0	0	155	141	91%

for 
PREPARED BY


VERIFIED BY 18/1/2024

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-Post, Panruti-1,
Cuddalore-607 110.


APPROVED BY 18.1.24
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI -607 106.

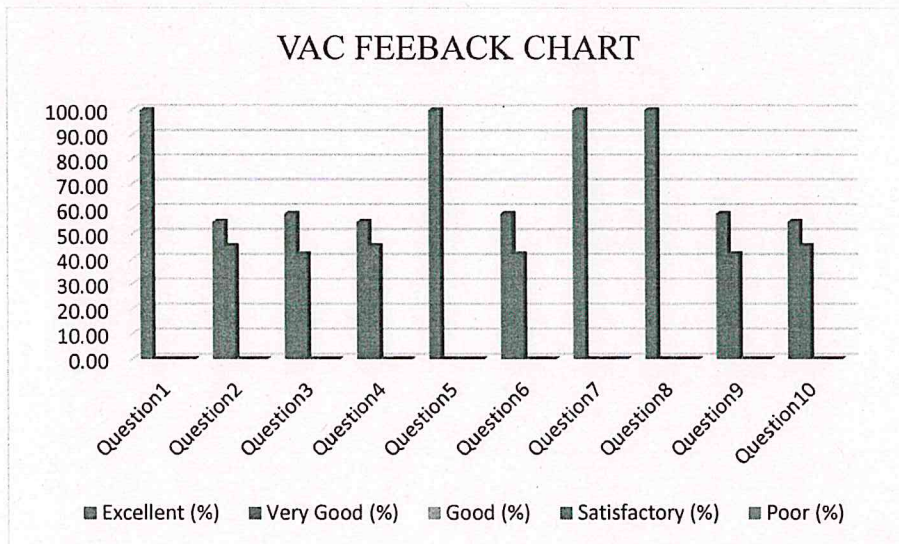
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE FEEBACK ON EMBEDDED SYSTEM DESIGN

Number of students: 31

Batch: 2021-2025

Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question1	100.00	0.00	0.00	0.00	0.00
Question2	54.84	45.16	0.00	0.00	0.00
Question3	58.06	41.94	0.00	0.00	0.00
Question4	54.84	45.16	0.00	0.00	0.00
Question5	100.00	0.00	0.00	0.00	0.00
Question6	58.06	41.94	0.00	0.00	0.00
Question7	100.00	0.00	0.00	0.00	0.00
Question8	100.00	0.00	0.00	0.00	0.00
Question9	58.06	41.94	0.00	0.00	0.00
Question10	54.84	45.16	0.00	0.00	0.00



R. Arokiadass
18.1.24

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Certificate of Participation

This certificate is proudly presented to

ABI E

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days Value Added Course on

"EMBEDDED SYSTEM DESIGN"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 09.01.2024 to 13.01.2024.

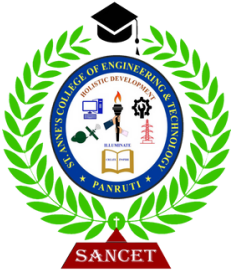
Dr. Sr. S. Anita
HOD/ECE

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Certificate of Participation

This certificate is proudly presented to

ANITHA R

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days Value Added Course on

"EMBEDDED SYSTEM DESIGN"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 09.01.2024 to 13.01.2024.

Dr. Sr. S. Anita
HOD/ECE
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Certificate of Participation

This certificate is proudly presented to

ARCHANA A

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days Value Added Course on

"EMBEDDED SYSTEM DESIGN"

organized by

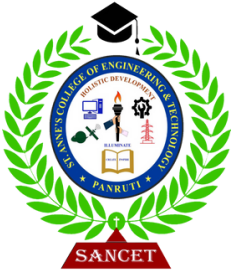
Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 09.01.2024 to 13.01.2024.

Dr. Sr. S. Anita
HOD/ECE
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Certificate of Participation

This certificate is proudly presented to

ARUNDOSS A

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days Value Added Course on

"EMBEDDED SYSTEM DESIGN"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 09.01.2024 to 13.01.2024.

Dr. Sr. S. Anita
HOD/ECE
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai



Certificate of Participation

This certificate is proudly presented to

ASHWIN A

Department of Electronics and Communication Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days Value Added Course on

"EMBEDDED SYSTEM DESIGN"

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology

from 09.01.2024 to 13.01.2024.

Dr. Sr. S. Anita
HOD/ECE
St. Anne's CET, Panruti

Dr. R. ArokiaDass
Principal
St. Anne's CET, Panruti



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

(2023 – 2024)

CIR. No: SANCET/ECE/CIR/19

28.10.2023

The Department of Electronics and Communication Engineering in association with ECSA (Electronics and communication Scientia association) have planned to conduct a Value-added Course on “Coding with Python” for second and third year ECE students.

Details of the Resource Person(S): 1. **Dr.R. Dayana,**

Associate Professor,
Department of Electronics & Communication Engineering
SRM Institute of Science and Technology,
Kattankulathur.

2. **Dr.S. Krithiga,**

Associate Professor,
Department of Electronics & Communication Engineering
SRM Institute of Science and Technology,
Kattankulathur.

3. **Dr.K. Vadivukkarasi,**

Assistant Professor,
Department of Electronics & Communication Engineering
SRM Institute of Science and Technology,
Kattankulathur.

4. **Dr.D. Vijayalakshmi,**

Assistant Professor,
Department of Electronics & Communication Engineering
SRM Institute of Science and Technology,
Kattankulathur.

Venue: VLSI Lab

Date & Time: 30.10.2023 to 03.11.2023 & 9.15 a.m. to 4.30 p.m.

for
[Signature]
HOD 28/10/23

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.
Cuddalore-Dist. 607 106

[Signature]
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(T.k.),
Cuddalore-(Dist), Pin: 607 106



ST. ANNE'S COLLEGE OF ENGINEERING & TECHNOLOGY

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

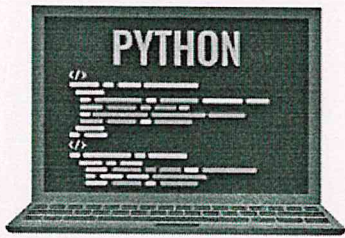
(Accredited by NAAC)

Anguchettypalayam, Panruti Taluk, Cuddalore District, Tamilnadu-607 106



Department of Electronics and Communication Engineering & Electronics and Communication Scientia Association(ECSA)

organizes five days value added course on



CODING WITH PYTHON



Resource Person



Dr.R.Dayana

Associate Professor/ECE
SRM Institute of Science and Technology,
Kattankulathur



Dr.S.Krithiga

Associate Professor/ECE
SRM Institute of Science and Technology,
Kattankulathur



Dr.K.Vadivukkarasi

Assistant Professor/ECE
SRM Institute of Science and Technology,
Kattankulathur



Dr.D.Vijayalakshmi

Assistant Professor/ECE
SRM Institute of Science and Technology,
Kattankulathur

Staff Co-ordinators

Mr. S. BALABASKER, AP/ECE

Mr. B. ARUNKUMAR, AP/ECE

Date: 30.10.2023 - 03.11.2023

Time: 09:15AM to 04:30PM

Venue: VLSI Lab

in association with



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Banned to be University w/o UGC Act, 1956)



For more details contact: +91-9944374993, 8610337460



www.stannescet.ac.in



@stannescet_prt



@stannescet2009



@stannescet_prt



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING VALUE ADDED COURSE ON CODING WITH PYTHON

SYLLABUS

Day 1: Introduction to Python.

- Installing Python in Windows/Linux/Mac OS.
- Using Python interpreter.
- Procedure for executing a Script.
- Steps in Structuring with Indentation.
- Working with Jupyter Software.

Day 2: List, Ranges & Tuples in Python.

- Indexing
- Slicing
- Sorting
- List Comprehensions
- Appending to the list
- Extending the list
- Repetitions

Day 3: Programming based on appending /merging data.

- Pre assessment on appending /merging data coding
- Creating two data frames from dictionaries
- Creating data frames with the given details
- Programming in Jupyter platform
- Post assessment on appending /merging data coding.

Day 4: Python Programming based on Tuples.

- Pre assessment of Tuples
- Background of Tuples
- Programming Tuples using Jupyter tool
- Post assessment on Python Programs based on Tuples
- Python programming based on dictionaries.

Day 5: Curve Plotting with Matplot Library.

- Programming to draw lines between two points
- Programming to draw plot between x-point and y-point
- Programming to plot with different marker
- Programming to draw the line plot with marker, colour, line style and line width.
- Programming to draw scatter plot
- Programming to draw Bar graph
- Programming to draw Histogram
- Programming to draw Pie Chart
- Programming to draw Pie Chart with explode
- Programming to draw draw plot for the expression
- Programming to implement chi-square distribution
- Programming to place the legend inside the plot
- Programming to place the legend on the bottom, top.
- Programming to plot multiple curves in single figure Code
- Programming to fix random state for reproducibility
- Assessment and project work for students.

R. Arun 28/10/2023

EVENT CO-ORDINATOR

S. Arun
HOD 28/10/23

ECE Department.
St. Anne's College of Engineering & Tech
ANGUCHETTIPALAYAM.
Siruvathur-Post, Panruti,
Cuddalore-Dist. 605 006



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETYPALAYAM, PANRUTI – 607 106.

Department of Electronics and Communication Engineering

Value added course on “coding with python”

STUDENTS REGISTERED LIST

S.No	Register Number	NAME
1.	422122106001	Aakash.A
2.	422122106002	Abinaya.M
3.	422122106003	Ajaykrishna.V
4.	422122106004	Alex Dominic A
5.	422122106005	Amirdha Varshan. V
6.	422122106006	Anthonidaniyal.A
7.	422122106007	Aravindh E
8.	422122106008	Archana A
9.	422122106009	Arthi.S
10.	422122106010	Arun N
11.	422122106011	Aswini S
12.	422122106012	Balaji. P
13.	422122106013	Balaji. S
14.	422122106014	Chandru P
15.	422122106015	Cherishma R
16.	422122106016	Desika.M
17.	422122106017	Devaguru S
18.	422122106018	Dhamotharan.K
19.	422122106019	Dhinesh.D
20.	422122106020	Dhivya.T
21.	422122106021	Gobinath.B
22.	422122106022	Jeevitha.V
23.	422122106023	Kalaimathi.R
24.	422122106025	Kavipriya.P
25.	422122106026	Kumaran.A
26.	422122106027	Mahalakshmi R
27.	422122106029	Monika.M
28.	422122106031	Murali.M
29.	422122106033	Navitha.A
30.	422122106034	Niranjan P
31.	422122106035	Parasuraman P
32.	422122106036	Pattabiraman.T
33.	422122106037	Pavithra V
34.	422122106038	Pratheeba. K
35.	422122106039	Premkumar E
36.	422122106040	Priyadharshan.G
37.	422122106041	Raji.N
38.	422122106042	Ramana A

39.	422122106043	Sakthi R
40.	422122106044	Sankari S
41.	422122106045	Sasireka.M
42.	422122106046	Sathiskumar E
43.	422122106047	Sivagamasundari S
44.	422122106048	Sivaraman.S
45.	422122106049	Siva Selvam KE
46.	422122106050	Srimathi S
47.	422122106051	Subashini S
48.	422122106052	Sujitha.K
49.	422122106053	Suresh S
50.	422122106054	Surya K
51.	422122106055	Thangapandiyam.M
52.	422122106056	Thirumalaivasan.S
53.	422122106058	Vinothkumar.D
54.	Lateral	Ramanan M
55.	422121106001	Abi E
56.	422121106003	Anitha R
57.	422121106005	Archana A
58.	422121106006	Arundoss A
59.	422121106007	Ashwin A
60.	422121106008	Balaguru P
61.	422121106009	Deepika K
62.	422121106011	Dhivya A
63.	422121106013	Duraimurugan A
64.	422121106014	Gopinath V
65.	422121106015	Immanuel T
66.	422121106016	Inbaraj D
67.	422121106017	Karthikeyan U
68.	422121106019	Mangaleshwar U
69.	422121106020	Mohan J
70.	422121106021	Mohana P
71.	422121106022	Monish S
72.	422121106023	Prithisha E
73.	422121106024	Priyadharshan E
74.	422121106025	Ragul R
75.	422121106026	Ragunath A
76.	422121106027	Rajamohan P
77.	422121106029	Sanjai S
78.	422121106030	Sathishkumar P
79.	422121106031	Selvakumar S
80.	422121106032	Senthamizhnila V
81.	422121106034	Srihari K
82.	422121106035	Surendhar A
83.	422121106036	Suriya R
84.	422121106037	Vaishali S
85.	422121106038	Vignesh K
86.	422121106039	Viswanath N

B. Arun
EVENT CO-ORDINATOR 28/10/2023

[Signature]
HoD 28/10/23

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Pannuti-T.M,
Cuddalore-Dist. 607 110

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Pannuti-T.M,
Cuddalore-Dist. 607 110



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ATTENDANCE SHEET

DATE: 30.10.2023 to 03.11.2023

III YEAR

Event Title: Value-added course on coding with python

S.NO.	STUDENT NAME	30.10.2023		31.10.2023		01.11.2023		02.11.2023		03.11.2023	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
		1.	Abi E	E. Abi	E. Abi	E. Abi	E. Abi	E. Abi	E. Abi	E. Abi	E. Abi
2.	Anitha R	R. Anitha	R. Anitha	R. Anitha	R. Anitha	R. Anitha	R. Anitha	R. Anitha	R. Anitha	R. Anitha	R. Anitha
3.	Archana A	Archana	Archana	Archana	Archana	Archana	Archana	Archana	Archana	Archana	Archana
4.	Arundoss A	A. Arundoss	A. Arundoss	A. Arundoss	A. Arundoss	A. Arundoss	A. Arundoss	A. Arundoss	A. Arundoss	A. Arundoss	A. Arundoss
5.	Ashwin A	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin	A. Ashwin
6.	Balaguru P	P. Balaguru	P. Balaguru	P. Balaguru	P. Balaguru	P. Balaguru	P. Balaguru	P. Balaguru	P. Balaguru	P. Balaguru	P. Balaguru
7.	Deepika K	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika
8.	Dhivya A	A. Dhivya	A. Dhivya	A. Dhivya	A. Dhivya	A. Dhivya	A. Dhivya	A. Dhivya	A. Dhivya	A. Dhivya	A. Dhivya

9.	Duraimurugan A	D Durai A	D Durai A	D Durai A	D Durai A	D Durai A	D Durai A	D Durai A	D Durai A	D Durai A	D Durai A
10.	Gopinath V	V. Gopi	V. Gopi	V. Gopi	V. Gopi	V. Gopi	V. Gopi	V. Gopi	V. Gopi	V. Gopi	V. Gopi
11.	Immanvel T	T. Emmanuel	T. Emmanuel	T. Emmanuel	T. Emmanuel	T. Emmanuel	T. Emmanuel	T. Emmanuel	T. Emmanuel	T. Emmanuel	T. Emmanuel
12.	Inbaraj D	D. Inbaraj	D. Inbaraj	D. Inbaraj	D. Inbaraj	D. Inbaraj	D. Inbaraj	D. Inbaraj	D. Inbaraj	D. Inbaraj	D. Inbaraj
13.	Karthikeyan U	U. Karthikeyan	U. Karthikeyan	U. Karthikeyan	U. Karthikeyan	U. Karthikeyan	U. Karthikeyan	U. Karthikeyan	U. Karthikeyan	U. Karthikeyan	U. Karthikeyan
14.	Mangaleshwar U	U. Mangaleshwar	U. Mangaleshwar	U. Mangaleshwar	U. Mangaleshwar	U. Mangaleshwar	U. Mangaleshwar	U. Mangaleshwar	U. Mangaleshwar	U. Mangaleshwar	U. Mangaleshwar
15.	Mohan J	J. Mohan	J. Mohan	J. Mohan	J. Mohan	J. Mohan	J. Mohan	J. Mohan	J. Mohan	J. Mohan	J. Mohan
16.	Mohana P	P. Mohana	P. Mohana	P. Mohana	P. Mohana	P. Mohana	P. Mohana	P. Mohana	P. Mohana	P. Mohana	P. Mohana
17.	Monish S	S. Monish	S. Monish	S. Monish	S. Monish	S. Monish	S. Monish	S. Monish	S. Monish	S. Monish	S. Monish
18.	Prithisha E	E. Prithisha	E. Prithisha	E. Prithisha	E. Prithisha	E. Prithisha	E. Prithisha	E. Prithisha	E. Prithisha	E. Prithisha	E. Prithisha
19.	Priyadharshan E	E. Priyadharshan	E. Priyadharshan	E. Priyadharshan	E. Priyadharshan	E. Priyadharshan	E. Priyadharshan	E. Priyadharshan	E. Priyadharshan	E. Priyadharshan	E. Priyadharshan
20.	Ragul R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
21.	Ragunath A	A. Ragunath	A. Ragunath	A. Ragunath	A. Ragunath	A. Ragunath	A. Ragunath	A. Ragunath	A. Ragunath	A. Ragunath	A. Ragunath
22.	Rajamohan P	P. Rajamohan	P. Rajamohan	P. Rajamohan	P. Rajamohan	P. Rajamohan	P. Rajamohan	P. Rajamohan	P. Rajamohan	P. Rajamohan	P. Rajamohan
23.	Sanjai S	S. Sanjai	S. Sanjai	S. Sanjai	S. Sanjai	S. Sanjai	S. Sanjai	S. Sanjai	S. Sanjai	S. Sanjai	S. Sanjai
24.	Sathishkumar P	P. Sathish Kumar	P. Sathish Kumar	P. Sathish Kumar	P. Sathish Kumar	P. Sathish Kumar	P. Sathish Kumar	P. Sathish Kumar	P. Sathish Kumar	P. Sathish Kumar	P. Sathish Kumar

25.	Selvakumar S	S. Selvakumar	S. Selvakumar	S. Selvakumar	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva	S. Selva
26.	Senthamizhnila V	V. Senth	V. Senth	V. Senth	V. Senth	V. Senth	V. Senth	V. Senth	V. Senth	V. Senth	V. Senth
27.	Srihari K	K. Srihari	K. Srihari	K. Srihari	K. Srihari	K. Srihari	K. Srihari	K. Srihari	K. Srihari	K. Srihari	K. Srihari
28.	Surendhar A	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar	A. Surendhar
29.	Suriya R	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya	R. Suriya
30.	Vaishali S	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali	S. Vaishali
31.	Vignesh K	K. Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
32.	Viswanath N	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath	N. Viswanath

1. S. Mohan 3/11/23
 2. S. Anand 3/11/23
EVENT CO-ORDINATOR

[Signature]
HOD

ECE Department,
 St. Anne's College of Engineering & Technology,
 ANGUCHETTIPALAYAM,
 Siruvathur-Post, Pannur-T. &
 Guddalore-Dist. 607 116



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ATTENDANCE SHEET

DATE: 30.10.2023 to 03.11.2023

II YEAR

Event Title: Value-added course on coding with python

S.NO.	STUDENT NAME	30.10.2023		31.10.2023		01.11.2023		02.11.2023		03.11.2023	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Aakash.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A
2.	Abinaya.M	M.A	M.A	M.A	M.A	M.A	M.A	M.A	M.A	M.A	M.A
3.	Ajaykrishna.V	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A
4.	Alex Dominic A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A
5.	Amirdha Varshan. V	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A
6.	Anthonidaniyal.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A
7.	Aravindh E	E.A	E.A	E.A	E.A	E.A	E.A	E.A	E.A	E.A	E.A
8.	Archana A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A	A.A

9.	Arthi.S	Arthi	Arthi	Arthi	Arthi	Arthi	Arthi	Arthi	Arthi	Arthi	Arthi
10.	Arun N	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun
11.	Aswini S	Ashini	Ashini	Ashini	Ashini	Ashini	Ashini	Ashini	Ashini	Ashini	Ashini
12.	Balaji. P	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji
13.	Balaji. S	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji
14.	Chandru P	P.Chandru	P.Chandru	P.Chandru	P.Chandru	P.Chandru	P.Chandru	P.Chandru	P.Chandru	P.Chandru	P.Chandru
15.	Cherishma R	R.Cherishma	R.Cherishma	R.Cherishma	R.Cherishma	R.Cherishma	R.Cherishma	R.Cherishma	R.Cherishma	R.Cherishma	R.Cherishma
16.	Desika.M	M.Desika	M.Desika	M.Desika	M.Desika	M.Desika	M.Desika	M.Desika	M.Desika	M.Desika	M.Desika
17.	Devaguru S	S.Devaguru	S.Devaguru	S.Devaguru	S.Devaguru	S.Devaguru	S.Devaguru	S.Devaguru	S.Devaguru	S.Devaguru	S.Devaguru
18.	Dhamotharan.K	K.Dhamotharan	K.Dhamotharan	K.Dhamotharan	K.Dhamotharan	K.Dhamotharan	K.Dhamotharan	K.Dhamotharan	K.Dhamotharan	K.Dhamotharan	K.Dhamotharan
19.	Dhinesh.D	D.Dhinesh	D.Dhinesh	D.Dhinesh	D.Dhinesh	D.Dhinesh	D.Dhinesh	D.Dhinesh	D.Dhinesh	D.Dhinesh	D.Dhinesh
20.	Dhivya.T	T.Dhivya	T.Dhivya	T.Dhivya	T.Dhivya	T.Dhivya	T.Dhivya	T.Dhivya	T.Dhivya	T.Dhivya	T.Dhivya
21.	Gobinath.B	B.Gobinath	B.Gobinath	B.Gobinath	B.Gobinath	B.Gobinath	B.Gobinath	B.Gobinath	B.Gobinath	B.Gobinath	B.Gobinath
22.	Jeevitha.V	V.Jeevitha	V.Jeevitha	V.Jeevitha	V.Jeevitha	V.Jeevitha	V.Jeevitha	V.Jeevitha	V.Jeevitha	V.Jeevitha	V.Jeevitha
23.	Kalaimathi.R	R.Kalaimathi	R.Kalaimathi	R.Kalaimathi	R.Kalaimathi	R.Kalaimathi	R.Kalaimathi	R.Kalaimathi	R.Kalaimathi	R.Kalaimathi	R.Kalaimathi
24.	Kavipriya.P	P.Kavipriya	P.Kavipriya	P.Kavipriya	P.Kavipriya	P.Kavipriya	P.Kavipriya	P.Kavipriya	P.Kavipriya	P.Kavipriya	P.Kavipriya

41.	Sasireka.M	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.
42.	Sathiskumar E	E.Sathiskumar	E.Sathiskumar	E.Sathiskumar	E.Sathiskumar	E.Sathiskumar	E.Sathiskumar	E.Sathiskumar	E.Sathiskumar	E.Sathiskumar	E.Sathiskumar
43.	Sivagamasundari S	S.Sivagamasundari	S.Sivagamasundari	S.Sivagamasundari	S.Sivagamasundari	S.Sivagamasundari	S.Sivagamasundari	S.Sivagamasundari	S.Sivagamasundari	S.Sivagamasundari	S.Sivagamasundari
44.	Sivaraman.S	S.	S.	S.	S.	S.	S.	S.	S.	S.	S.
45.	Siva Selvam KE	Siva Selvam	Siva Selvam	Siva Selvam	Siva Selvam	Siva Selvam	Siva Selvam	Siva Selvam	Siva Selvam	Siva Selvam	Siva Selvam
46.	Srimathi S	S.Srimathi	S.Srimathi	S.Srimathi	S.Srimathi	S.Srimathi	S.Srimathi	S.Srimathi	S.Srimathi	S.Srimathi	S.Srimathi
47.	Subashini S	S.Subashini	S.Subashini	S.Subashini	S.Subashini	S.Subashini	S.Subashini	S.Subashini	S.Subashini	S.Subashini	S.Subashini
48.	Sujitha.K	K.Sujitha	K.Sujitha	K.Sujitha	K.Sujitha	K.Sujitha	K.Sujitha	K.Sujitha	K.Sujitha	K.Sujitha	K.Sujitha
49.	Suresh S	S.Suresh	S.Suresh	S.Suresh	S.Suresh	S.Suresh	S.Suresh	S.Suresh	S.Suresh	S.Suresh	S.Suresh
50.	Surya K	K.Surya	K.Surya	K.Surya	K.Surya	K.Surya	K.Surya	K.Surya	K.Surya	K.Surya	K.Surya
51.	Thangapandiyam.M	M.Thangapandiyam	M.Thangapandiyam	M.Thangapandiyam	M.Thangapandiyam	M.Thangapandiyam	M.Thangapandiyam	M.Thangapandiyam	M.Thangapandiyam	M.Thangapandiyam	M.Thangapandiyam
52.	Thirumalaivasan.S	S.Thirumalaivasan	S.Thirumalaivasan	S.Thirumalaivasan	S.Thirumalaivasan	S.Thirumalaivasan	S.Thirumalaivasan	S.Thirumalaivasan	S.Thirumalaivasan	S.Thirumalaivasan	S.Thirumalaivasan
53.	Vinothkumar.D	D.Vinothkumar	D.Vinothkumar	D.Vinothkumar	D.Vinothkumar	D.Vinothkumar	D.Vinothkumar	D.Vinothkumar	D.Vinothkumar	D.Vinothkumar	D.Vinothkumar
54.	Ramanan M	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.

1. S. Sivaraman
3/11/23
2. S. Anand
3/11/23
EVENT CO-ORDINATOR

[Signature]
HOD

ECD Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTY, T.N.

25.	Kumaran.A	A.Ku	A.Ku	A.Ku	A.Ku	A.Ku	A.Ku	A.Ku	A.Ku	A.Ku	A.Ku
26.	Mahalakshmi R	R.Maha	R.Maha	R.Maha	R.Maha	R.Maha	R.Maha	R.Maha	R.Maha	R.Maha	R.Maha
27.	Monika.M	M.Moni	M.Moni	M.Moni	M.Moni	M.Moni	M.Moni	M.Moni	M.Moni	M.Moni	M.Moni
28.	Murali.M	M.Mur	M.Mur	M.Mur	M.Mur	M.Mur	M.Mur	M.Mur	M.Mur	M.Mur	M.Mur
29.	Navitha.A	A.Nav	A.Nav	A.Nav	A.Nav	A.Nav	A.Nav	A.Nav	A.Nav	A.Nav	A.Nav
30.	Niranjana P	P.Nira	P.Nira	P.Nira	P.Nira	P.Nira	P.Nira	P.Nira	P.Nira	P.Nira	P.Nira
31.	Parasuraman P	P.Para	P.Para	P.Para	P.Para	P.Para	P.Para	P.Para	P.Para	P.Para	P.Para
32.	Pattabiraman.T	T.Pata	T.Pata	T.Pata	T.Pata	T.Pata	T.Pata	T.Pata	T.Pata	T.Pata	T.Pata
33.	Pavithra V	V.Pavi	V.Pavi	V.Pavi	V.Pavi	V.Pavi	V.Pavi	V.Pavi	V.Pavi	V.Pavi	V.Pavi
34.	Pratheeba. K	K.Pra	K.Pra	K.Pra	K.Pra	K.Pra	K.Pra	K.Pra	K.Pra	K.Pra	K.Pra
35.	Premkumar E	E.Prem	E.Prem	E.Prem	E.Prem	E.Prem	E.Prem	E.Prem	E.Prem	E.Prem	E.Prem
36.	Priyadarshan.G	G.Pri	G.Pri	G.Pri	G.Pri	G.Pri	G.Pri	G.Pri	G.Pri	G.Pri	G.Pri
37.	Raji.N	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj
38.	Ramana A	A.Rama	A.Rama	A.Rama	A.Rama	A.Rama	A.Rama	A.Rama	A.Rama	A.Rama	A.Rama
39.	Sakthi R	R.Sakt	R.Sakt	R.Sakt	R.Sakt	R.Sakt	R.Sakt	R.Sakt	R.Sakt	R.Sakt	R.Sakt
40.	Sankari S	S.Sank	S.Sank	S.Sank	S.Sank	S.Sank	S.Sank	S.Sank	S.Sank	S.Sank	S.Sank



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING VALUE ADDED COURSE ON CODING WITH PYTHON

BATCH: 2021-2025

YEAR/SEM: III/V

S. NO.	REGISTER NO.	NAME OF THE STUDENT	MARKS
1	422121106001	Abi E	91
2	422121106003	Anitha R	90
3	422121106005	Archana A	98
4	422121106006	Arundoss A	85
5	422121106007	Ashwin A	90
6	422121106008	Balaguru P	89
7	422121106009	Deepika K	91
8	422121106011	Dhivya A	92
9	422121106013	Duraimurugan A	90
10	422121106014	Gopinath V	89
11	422121106015	Immanuel T	86
12	422121106016	Inbaraj D	86
13	422121106017	Karthikeyan U	89
14	422121106019	Mangaleshwar U	87
15	422121106020	Mohan J	98
16	422121106021	Mohana P	91
17	422121106022	Monish S	86
18	422121106023	Prithisha E	90
19	422121106024	Priyadharshan E	89
20	422121106026	Ragunath A	88
21	422121106027	Rajamohan P	86
22	422121106029	Sanjai S	98
23	422121106030	Sathishkumar P	96
24	422121106031	Selvakumar S	91
25	422121106032	Senthamizhnila V	93
26	422121106034	Srihari K	85
27	422121106035	Surendhar A	87
28	422121106036	Suriya R	90
29	422121106037	Vaishali S	99
30	422121106038	Vignesh K	89
31	422121106039	Viswanath N	96

EVENT COORDINATOR

HoD

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTPALAYAM,
Sivvathur-Post, Panruti-6
Cuddalore-Dist.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

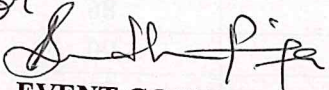
VALUE ADDED COURSE ON CODING WITH PYTHON


Year/Sem: II /III

Batch: 2022-2026

S. No	REGISTER NO.	NAME	MARKS
1.	422122106001	Aakash.A	85
2.	422122106002	Abinaya.M	90
3.	422122106003	Ajaykrishna.V	86
4.	422122106004	Alex Dominic A	85
5.	422122106005	Amirdha Varshan. V	87
6.	422122106006	Anthonidaniyal.A	89
7.	422122106007	Aravindh E	91
8.	422122106008	Archana A	92
9.	422122106009	Arthi.S	90
10.	422122106010	Arun N	91
11.	422122106012	Balaji. P	86
12.	422122106014	Chandru P	90
13.	422122106015	Cherishma R	89
14.	422122106016	Desika.M	87
15.	422122106017	Devaguru S	98
16.	422122106018	Dhamotharan.K	80
17.	422122106019	Dhinesh.D	86
18.	422122106020	Dhivya.T	88
19.	422122106021	Gobinath.B	89
20.	422122106022	Jeevitha.V	88
21.	422122106023	Kalaimathi.R	86
22.	422122106025	Kavipriya.P	90
23.	422122106026	Kumaran.A	88
24.	422122106027	Mahalakshmi R	91
25.	422122106029	Monika.M	93
26.	422122106031	Murali.M	85
27.	422122106033	Navitha.A	87
28.	422122106034	Niranjana P	90
29.	422122106035	Parasuraman P	89
30.	422122106036	Pattabiraman.T	89
31.	422122106037	Pavithra V	96
32.	422122106038	Pratheeba. K	96
33.	422122106039	Premkumar E	82
34.	422122106040	Priyadarshan.G	81
35.	422122106041	Raji.N	80

36.	422122106042	Ramana A	90
37.	422122106043	Sakthi R	80
38.	422122106044	Sankari S	98
39.	422122106045	Sasireka.M	96
40.	422122106046	Sathiskumar E	93
41.	422122106047	Sivagamasundari S	94
42.	422122106048	Sivaraman.S	80
43.	422122106049	Siva Selvam KE	89
44.	422122106050	Srimathi S	98
45.	422122106051	Subashini S	98
46.	422122106052	Sujitha.K	97
47.	422122106053	Suresh S	96
48.	422122106054	Surya K	92
49.	422122106055	Thangapandiyam.M	80
50.	422122106056	Thirumalaivasan.S	90
51.	422122106058	Vinothkumar.D	89
52.	422122106502	Lakshmi	99

for

EVENT COORDINATOR


HoD 3/11/2022

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
Siruvathur-Post, Pattuti-Taluk,
Coimbatore-686 017



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING VALUE ADDED COURSE ON CODING WITH PYTHON

REPORT

The Department of Electronics and Communication Engineering (ECE) in association with Electronics and Communication Scientia Association (ECSA) has Conducted a Value-added Course on “Coding with Python” from 30.10.2023 to 03.11.2023.

Objective:

The aim of the course is to make the students to learn coding with python and to construct own program using python.

Report:

The students of Department of Electronics and Communication Engineering had participated in the course. On the first day of the course, the students were taught about basics of Python programming such as Installing Python in Windows/Linux/Mac OS, Working with Jupyter Software. The Students were separated into batches for Hands-on training. On the second day, the students started were taught about List, Ranges & Tuples in Python. The students learned to do python program using conditional logic, and functions with the help of the instructions given by the resource persons. On the third day, the students were taught about Programming based on appending /merging data. On the fourth day, the students were taught about Python Programming based on Tuples. On the fifth day, the students were taught about programming in Curve Plotting with Matplot Library.

After completion of every session students were asked to construct new program using python. The students interacted well with the resource persons. At the end of the session Project work has been assigned to them. After completion, students were asked to write program for animations, and also for making audio. Finally, the students gave their valuable feedback about their experience in course.

The resource persons selected the best performers of the course and they were appreciated at the end of the course. The session ended in a fruitful manner with a vote of thanks.

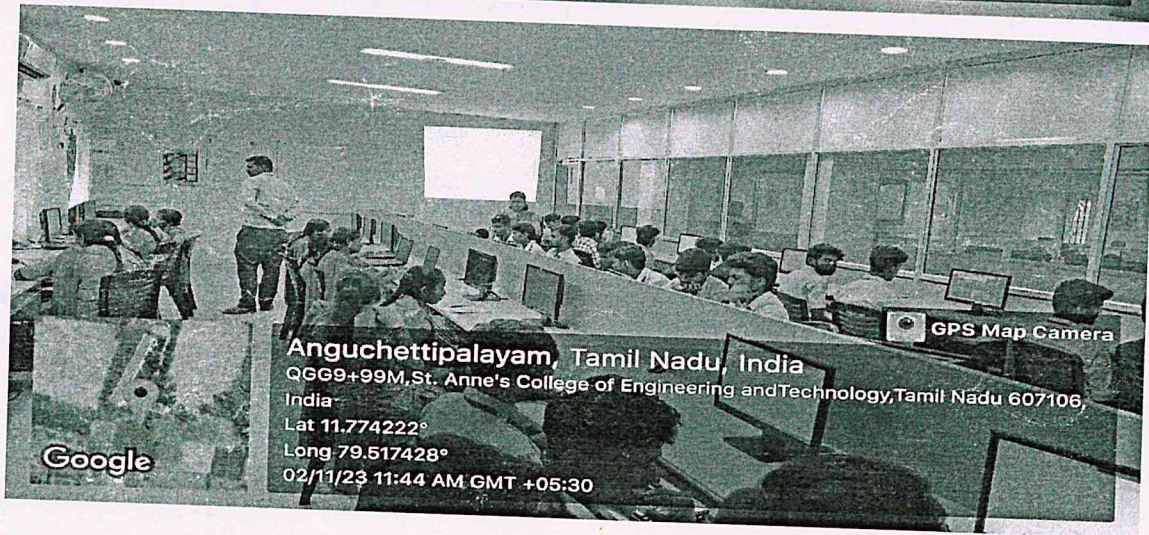
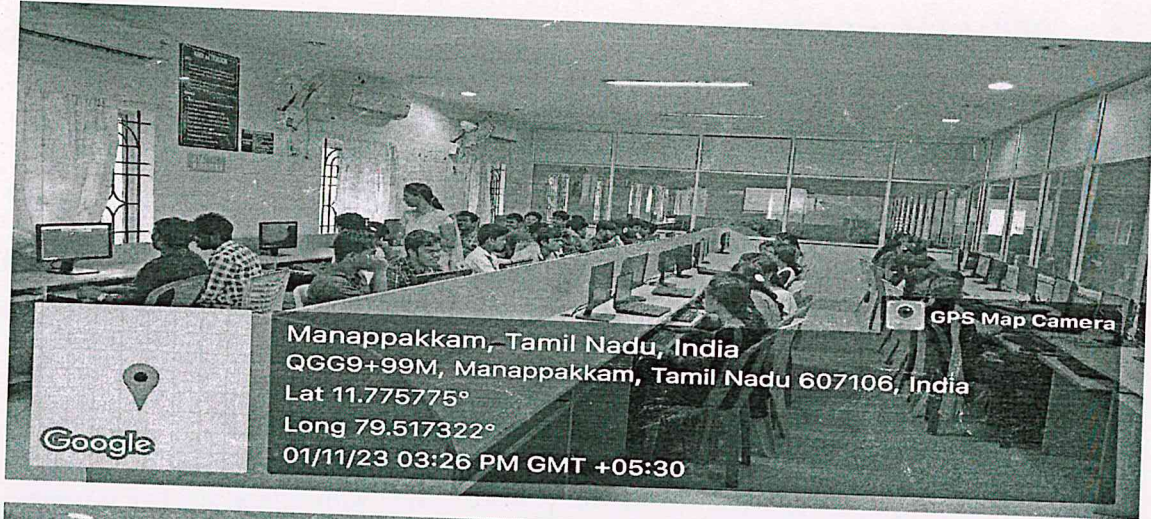


ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI - 607 106.



COURSE OUTCOMES:

Upon the completion of the course, students will be able to

- ✓ Create simple program using python in Jupyter IDE.
- ✓ Implement Programming based on appending /merging data
- ✓ Construct Python Programming based on Tuples.
- ✓ Construct programming based on Curve Plotting with Matplot Library.
- ✓ Implement error handling.

[Signature]
6/11/2023
COURSE CO-ORDINATOR

[Signature]
6/11/2023
HoD

[Signature]
6/11/2023
PRINCIPAL

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-4
Cuddalore-Dist. 607 106

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI – 607 106.

VALUE ADDED COURSE FEEDBACK

DEPARTMENT: ECE

PERIOD: 2021-2025

TITLE: CODING WITH PYTHON

DATE:30.10.2023-03.11.2023

Q. No	Questions	Student Count	Credit Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Course plan	31	22	9	0	0	0	155	146	94%
2	Training duration	31	31	0	0	0	0	155	155	100%
3	Interactive approach	31	20	11	0	0	0	155	144	93%
4	Mode of presentation	31	22	9	0	0	0	155	146	94%
5	The course material handed out was adequate	31	20	11	0	0	0	155	144	93%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	31	31	0	0	0	0	155	155	100%
7	The course exposed you to new knowledge and practices	31	22	9	0	0	0	155	146	94%
8	Were objectives of the course clear to you?	31	20	11	0	0	0	155	144	93%
9	The course contents met with your expectations	31	22	9	0	0	0	155	146	94%
10	How would you rate the overall course content?	31	20	11	0	0	0	155	144	93%

For

PREPARED BY

VERIFIED BY 3/11/23

ECE Department,

St. Anne's College of Engineering & Technology,

ANGUCHETTPALAYAM,

Siruvathur-Post, Panruti-T.R.

Chidambaram-Dist. 607 106

APPROVED BY 3.11.23

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,

St. Anne's College of Engineering & Technology,

ANGUCHETTPALAYAM,

Siruvathur-Post, Panruti-T.R.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

VALUE ADDED COURSE FEEDBACK

DEPARTMENT: ECE


PERIOD: 2022-2026

TITLE: CODING WITH PYTHON

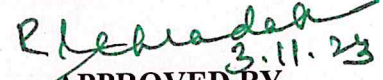
DATE:30.10.2023-03.11.2023

Q. No	Questions	Student Count	Credit Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Course plan	52	52	0	0	0	0	260	260	100%
2	Training duration	52	0	52	0	0	0	260	208	80%
3	Interactive approach	52	52	0	0	0	0	260	260	100%
4	Mode of presentation	52	25	27	0	0	0	260	233	90%
5	The course material handed out was adequate	52	52	0	0	0	0	260	260	100%
6	Usage of teaching aids and ICT in the class by faculty to facilitate teaching	52	0	52	0	0	0	260	208	80%
7	The course exposed you to new knowledge and practices	52	27	25	0	0	0	260	235	90%
8	Were objectives of the course clear to you?	52	25	27	0	0	0	260	233	90%
9	The course contents met with your expectations	52	27	25	0	0	0	260	235	90%
10	How would you rate the overall course content?	52	25	27	0	0	0	260	233	90%

for 
PREPARED BY


VERIFIED BY 3/11/2023

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti - 607 106,
Cuddalore - 607 106.


APPROVED BY 3.11.23
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

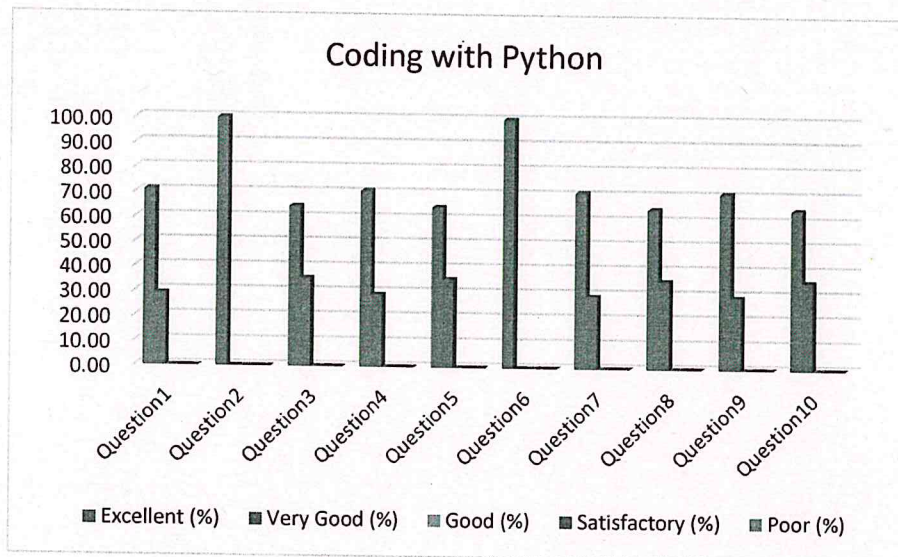
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE FEEDBACK ON CODING WITH PYTHON

Number of students: 31

Batch: 2021-2025

Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question1	70.97	29.03	0.00	0.00	0.00
Question2	100.00	0.00	0.00	0.00	0.00
Question3	64.52	35.48	0.00	0.00	0.00
Question4	70.97	29.03	0.00	0.00	0.00
Question5	64.52	35.48	0.00	0.00	0.00
Question6	100.00	0.00	0.00	0.00	0.00
Question7	70.97	29.03	0.00	0.00	0.00
Question8	64.52	35.48	0.00	0.00	0.00
Question9	70.97	29.03	0.00	0.00	0.00
Question10	64.52	35.48	0.00	0.00	0.00



R. Aradiadass
3.11.23

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI -607 106.

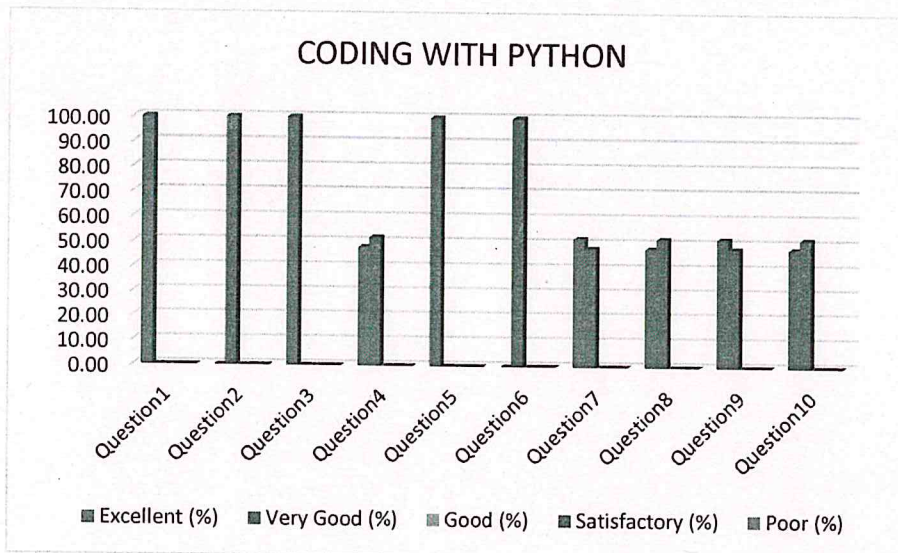
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE FEEDBACK ON CODING WITH PYTHON

Number of students: 52

Batch: 2022-2026

Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question1	100.00	0.00	0.00	0.00	0.00
Question2	0.00	100.00	0.00	0.00	0.00
Question3	100.00	0.00	0.00	0.00	0.00
Question4	48.08	51.92	0.00	0.00	0.00
Question5	100.00	0.00	0.00	0.00	0.00
Question6	0.00	100.00	0.00	0.00	0.00
Question7	51.92	48.08	0.00	0.00	0.00
Question8	48.08	51.92	0.00	0.00	0.00
Question9	51.92	48.08	0.00	0.00	0.00
Question10	48.08	51.92	0.00	0.00	0.00



R. Aradiass
3.11.23

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI - 607 106

Department of ECE

in association with



INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)



organize



**Skill
Development
Program**



stannescet@gmail.com



www.stannescet.ac.in

Certificate of Participation



This is to certify

ARTHI S

II-Year, Department of ECE

St. Anne's College of Engineering and Technology, Panruti

has participated in the five days value added course on

CODING WITH PYTHON

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology, Panruti

from **30.10.2023** to **03.11.2023**.

Resource Person

Dr. B. Danya

SRM IST, Chennai

HoD/ECE

Rev. Sr. Dr. S. Anita

SANCET

Principal

Dr. R. Arokiadass

SANCET



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI - 607 106

Department of ECE

in association with



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)



organize



**Skill
Development
Program**

Certificate of Participation



This is to certify

ASWINI S

II-Year, Department of ECE

St. Anne's College of Engineering and Technology, Panruti

has participated in the five days value added course on

CODING WITH PYTHON

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology, Panruti

from **30.10.2023** to **03.11.2023**.

Resource Person

Dr. R. Dayana

Page 163 of 181

HoD/ECE

Rev. Sr. Dr. S. Anita

SANCET

Principal

Dr. R. Arokiadass

SANCET



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETYPALAYAM, PANRUTI - 607 106

Department of ECE

in association with



organize



**Skill
Development
Program**

Certificate of Participation



This is to certify

BALAJI S

II-Year, Department of ECE

St. Anne's College of Engineering and Technology, Panruti

has participated in the five days value added course on

CODING WITH PYTHON

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology, Panruti

from **30.10.2023** to **03.11.2023**.

Resource Person

Dr. P. Dharma

SRM IST, Chennai

HoD/ECE

Rev. Sr. Dr. S. Anita

SANCET

Principal

Dr. R. Arokiadass

SANCET



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTPALAYAM, PANRUTI - 607 106

Department of ECE

in association with



organize



**Skill
Development
Program**



stannescet@gmail.com



www.stannescet.ac.in

Certificate of Participation



This is to certify

DHINESH D

II-Year, Department of ECE

St. Anne's College of Engineering and Technology, Panruti

has participated in the five days value added course on

CODING WITH PYTHON

organized by

Department of Electronics and Communication Engineering

St. Anne's College of Engineering and Technology, Panruti

from **30.10.2023** to **03.11.2023**.

Resource Person

Dr. R. Dayana

SRM Institute of Science & Technology

HoD/ECE

Rev. Sr. Dr. S. Anita

SANCET

Principal

Dr. R. Arokiadass

SANCET



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC,

ANGUCHETTYPALAYAM, PANRUTI, CUDDALORE DISTRICT - 607 106

DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

(2023 - 2024)

CIR. No: SANCET/MECH/CIR/

01.03.2024

The department of Mechanical Engineering has planned (for second year Mechanical students) to conduct a value added course on "MODERN TRENDS IN MANUFACTURING TECHNOLOGY" at Mechatronics Laboratory from 04.03.2024 to 08.03.2024. All interested students and staffs are invited for the course.

Name of the Resource Person(S):

- 1. K.Shanmuga Elango, M.Tech.**
Associate Professor
Department of Mechanical Engineering,
St. Anne's College of Engineering and technology
- 2. Mr. K.Saravanan, M.E,**
Associate Professor
Department of Electronics & Communication Engineering,
St. Anne's College of Engineering and technology
- 3. Mr. P.Murugan, M.E,**
Assistant Professor
Department of Electronics & Communication Engineering,
St. Anne's College of Engineering and technology
- 4. Sr. Josephine Marry, M.Tech.**
Assistant Professor
Department of Electronics & Communication Engineering,
St. Anne's College of Engineering and technology
- 5. Mr. R.JAYAKUMAR, M.E,**
Assistant Professor
Department of Electronics & Communication Engineering,
St. Anne's College of Engineering and technology
- 6. Mr. M.SIVAMANIKANDAN, M.E,**
Assistant Professor
Department of Electronics & Communication Engineering,
St. Anne's College of Engineering and technology


HOD

Head of the Department
Dept. of Mechanical Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607 106


PRINCIPAL

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC,

ANGUCHETTYPALAYAM, PANRUTI, CUDDALORE DISTRICT - 607 106

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

SYLLABUS

INTRODUCTION AND MECHANICAL ENERGY BASED PROCESSES

Introduction - Need for non-traditional machining processes - Classification of non-traditional machining processes - Applications, advantages and limitations of non-traditional machining processes - Abrasive jet machining, Abrasive water jet machining, Ultrasonic machining their principles, equipment, effect of process parameters, applications, advantages and limitations.

CHEMICAL AND ELECTRO CHEMICAL ENERGY BASED PROCESSES

Principles, equipments, effect of process parameters, applications, advantages and limitations of Chemical machining, Electro-chemical machining, Electro-chemical honing, Electro-chemical grinding, Electro chemical deburring.

THERMO-ELECTRIC ENERGY BASED PROCESSES

Principles, equipments, effect of process parameters, applications, advantages and limitations of Electric discharge machining, Wire electric discharge machining, Laser beam machining, Plasma arc machining, Electron beam machining, Ion beam machining.

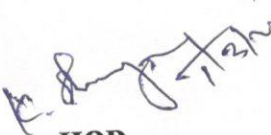
ADDITIVE MANUFACTURING

Basic concepts of Additive manufacturing Demo of Tinker CAD software-Hands-on training Auto CAD, slicing software[cura] and 3D printing.Hands on training on Tinker CAD ,3D printing

CNC MACHINES AND PROGRAMMING OF CNC MACHINE TOOLS

Computer Numerical Control (CNC) machine tools, constructional details, special features - Drives, Recirculating ball screws, tool changers; CNC Control systems - Open/closed, point-to-point/continuous - Turning and machining centres- Coordinates, axis and motion, Absolute vs Incremental, Interpolators, Polar coordinates, Program planning, G and M codes, Manual part programming for CNC machining centers and Turning centers - Fixed cycles.


K. Srinivasan
1.3.14
CO-ORDINATOR


K. Srinivasan
1.3.14
HOD


Dr. R. Arokiadass
1.3.14
PRINCIPAL

Head of the Department,
Dept. of Mechanical Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607 106

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC,

ANGUCHETTPALAYAM, PANRUTI, CUDDALORE DISTRICT - 607 106

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

OBJECTIVES

1. To classify non-traditional machining processes and describe mechanical energy based non-traditional machining processes.
2. To differentiate chemical and electro chemical energy-based processes.
3. To describe thermo-electric energy-based processes
4. To study concepts of Additive manufacturing Demo of Tinker CAD software and 3D printing.
5. To study the basic concepts of CNC of machine tools and constructional features of CNC.
- 6 To learn the basics of CNC programming concepts to develop the part programme for Machine centre and turning centre

OUTCOMES

Formulate different types of non-traditional machining processes and evaluate mechanical energy based non-traditional machining processes.

2. Illustrate chemical and electro chemical energy based processes.
3. Evaluate thermo-electric energy based processes
4. Interpret concepts of Additive manufacturing, Tinker CAD software and 3D printing.
5. Apply the constructional features and working principles of CNC machine tools and demonstrate the Program CNC machine tools through planning, writing codes


CO-ORDINATOR


HOD

Head of the Department,
Dept. of Mechanical Engineering,
St. Anne's College of Engineering & Technology,
Anguchettipalayam, Panruti-607 106.


PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI -607 106.

DEPARTMENT OF MECHANICAL ENGINEERING

We cordially invite you to the Five days Value- Added course
on

**“MODERN TRENDS IN
MANUFACTURING TECHNOLOGY”**

from

04th March, 2024N to 08th March2024

at

MECHATRONICS LABORATORY

Welcome you all!!!



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC,

ANGUCHETTPALAYAM, PANRUTI, CUDDALORE DISTRICT - 607 106

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

(04.03.2024 TO 08.03.2024)

ENROLLED STUDENTS LIST

S.No	Register No.	Name
1	422122114001	ABISHEK A
2	422122114002	AJAY V
3	422122114003	AKASH S
4	422122114004	ARUL T
5	422122114005	BALA P
6	422122114006	CHANDRU V
7	422122114007	DARVIN C
8	422122114008	DHIVYADHARSHAN M
9	422122114009	GUNAL K
10	422122114010	HARIHARAN S
11	422122114011	HARIKRISHNAKUMAR T
12	422122114012	HARIKRISHNAN I
13	422122114013	IYYAPPAN R
14	422122114015	JAWAGAR.S
15	422122114016	KABILAN R
16	422122114018	MANIBARATHI P
17	422122114019	MOHAMMED ISMAIL S
18	422122114020	SARANRAJ S
19	422122114021	SATHIYABALAN M
20	422122114023	TAMILMARAN V
21	422122114024	TAMIL SELVAN D

K. Sanyal
7/3/24
CO-ORDINATOR

S. Sanyal
1/3/24
HOD

R. Aradi
1-3-24
PRINCIPAL

Head of the Department,
Dept. of Mechanical Engineering,
St. Anne's College of Engineering & Technology,
Anguchettipalayam, Panruti-607 106

D: R. AROKIADASS, M.E., Ph.D.,
Principal,
Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Sivavathur (Post), Panruti (T. B.),
Cuddalore (Dist), Pin: 607 106.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

(Accredited by NAAC)

ANGUCHETTPALAYAM, PANRUTI - 607 106

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

YEAR/SEM: II/IV

S.NO	REG NO	NAME	SIGNATURE				
			04.03.2024	05.03.2024	06.03.2024	07.03.2024	08.03.2024
1	422122114001	Abishek A	Abishek	Abishek	Abishek	Abishek	Abishek
2	422122114002	Ajay V	Ajay V	Ajay V	Ajay V	Ajay V	Ajay V
3	422122114003	Akash S	Akash S	Akash S	Akash S	Akash S	Akash S
4	422122114004	Arul T	Arul T	Arul T	Arul T	Arul T	Arul T
5	422122114005	Bala P	Bala P	Bala P	Bala P	Bala P	Bala P
6	422122114006	Chandru V	Chandru	Chandru	Chandru	Chandru	Chandru
7	422122114007	Darvin C	Darvin C	Darvin C	Darvin C	Darvin C	Darvin C
8	422122114008	Dhivyadharshan M	Dhivyadharshan M	Dhivyadharshan M	Dhivyadharshan M	Dhivyadharshan M	Dhivyadharshan M
9	422122114009	Gunal K	Gunal K	Gunal K	Gunal K	Gunal K	Gunal K
10	422122114010	Hariharan S	Hariharan S	Hariharan S	Hariharan S	Hariharan S	Hariharan S
11	422122114011	Harikrishnakumar T	Harikrishnakumar T	Harikrishnakumar T	Harikrishnakumar T	Harikrishnakumar T	Harikrishnakumar T
12	422122114012	Harikrishnan I	Harikrishnan I	Harikrishnan I	Harikrishnan I	Harikrishnan I	Harikrishnan I
13	422122114013	Iyyappan R	Iyyappan R	Iyyappan R	Iyyappan R	Iyyappan R	Iyyappan R
14	422122114015	Jawahar S	-AB-	-AB-	-AB-	-AB-	-AB-



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

(Accredited by NAAC)

ANGUCHETTPALAYAM, PANRUTI - 607 106

15	422122114016	Kabilan R	Kabilan	Kabilan	Kabilan	Kabila	Kaliban
16	422122114018	Manibarathi P	P. Mani Barathi	P. Mani Barathi	P. Mani Barathi	P. Mani Barathi	P. Mani Barathi
17	422122114019	Mohammed Ismail S	S. Mohammed Ismail	S. Mohammed Ismail	S. Mohammed Ismail	S. Mohammed Ismail	S. Mohammed Ismail
18	422122114020	Saranraj S	S. Saranraj	S. Saranraj	S. Saranraj	S. Saranraj	S. Saranraj
19	422122114021	Sathiyabalan M	M. Sathiyabalan	M. Sathiyabalan	M. Sathiyabalan	M. Sathiyabalan	M. Sathiyabalan
20	422122114023	Tamilmaran V	V. Tamilmaran	V. Tamilmaran	V. Tamilmaran	V. Tamilmaran	V. Tamilmaran
21	422122114024	Tamil Selvan D	D. Tamil Selvan	D. Tamil Selvan	D. Tamil Selvan	D. Tamil Selvan	D. Tamil Selvan

K. Suresh
13/24
CO-ORDINATOR

K. Suresh
08/03/24
HOD
Head of the Department,
Dept. of Mechanical Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607 106

Dr. R. Arokiadass
8/3/24
PRINCIPAL
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology
ANGUCHETTPALAYAM,
Siruvatthur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC,


ANGUCHETTYPALAYAM, PANRUTI, CUDDALORE DISTRICT - 607 106

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

MARK LIST

S.No	Register No.	Name	MAXIMUM MARKS (100)
1	422122114001	ABISHEK A	82
2	422122114002	AJAY V	78
3	422122114003	AKASH S	85
4	422122114004	ARUL T	80
5	422122114005	BALA P	60
6	422122114006	CHANDRU V	70
7	422122114007	DARVIN C	62
8	422122114008	DHIVYADHARSHAN M	60
9	422122114009	GUNAL K	65
10	422122114010	HARIHARAN S	75
11	422122114011	HARIKRISHNAKUMAR T	90
12	422122114012	HARIKRISHNAN I	61
13	422122114013	IYYAPPAN R	64
14	422122114015	JAWAGAR.S	AB
15	422122114016	KABILAN R	62
16	422122114018	MANIBARATHI P	92
17	422122114019	MOHAMMED ISMAIL S	72
18	422122114020	SARANRAJ S	74
19	422122114021	SATHIYABALAN M	81
20	422122114023	TAMILMARAN V	60
21	422122114024	TAMIL SELVAN D	62


CO-ORDINATOR


HOD


PRINCIPAL

Head of the Department,
Dept. of Mechanical Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607 106

D: R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sivvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

(Accredited by NAAC)

ANGUCHETTYPALAYAM, PANRUTI, CUDDALORE DISTRICT - 607 106

VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

REPORT

The Department of Mechanical Engineering has organized a five-day value-added course on "MODERN TRENDS IN MANUFACTURING TECHNOLOGY" from 04.03.2024 to 08.03.2024 for II year Mechanical Students. The training session was handled by Mr.K. Shanmuga Elango, ASP/MECH, Mr. K. Saravanan ASP/MECH, Mr. P. Murugan, M.E, AP/MECH, Sr. Josephine Marry, AP/MECH, Mr. R. Jayakumar, AP/MECH and Mr. Sivamanikandan AP/MECH of St. Anne's College of Engineering and Technology. In this course, participants gathered to On the adoption of automation in modern manufacturing has been increasing in recent years, driven by the need to stay ahead of the competition and meet the demands of an ever-changing global market. The adoption of 3D printing in modern manufacturing has been increasing in recent years, driven by the need to improve efficiency and competitiveness. From aerospace and automotive to healthcare and consumer goods, manufacturers of all types are using 3D printing to create custom parts and products that meet the demands of their customers. This course greatly enhanced the perceptions of the participants. Totally, 20 students participated, and a certificate was provided for every student.



K. Shanmuga Elango
813 124
COURSE CO-ORDINATOR

K. Saravanan
8/3/24
HOD

Head of the Department,
Dept. of Mechanical Engineering,
St. Anne's College of Engineering & Technology,
Anguchettypalayam, Panruti-607 106.

P. Murugan
8/3/24
PRINCIPAL
Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF MECHANICAL ENGINEERING

EVENT FEEDBACK – CONSOLIDATED

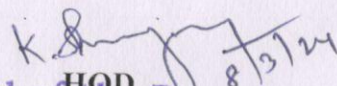
EVENT: VALUE ADDED COURSE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGY

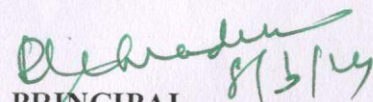
DATE: 04.03.2024-08.03.2024

Q. No.	Questions	Feedback Obtained Student Count	Credit Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	The workshop was scheduled at a convenient time	20	17	2	2			100	96	96
2	I learned things that I can apply to my work/education	20	16	2	2			100	94	94
3	The presenter knew their subject matter and material	20	17	1	1	1		100	94	94
4	Handouts (if provided) were clear and useful	20	15	2	2	1		100	91	91
5	Scope for creativity and innovation	20	18	1	1			100	97	97
6	Refers to latest developments in the field	20	17	1	1			100	95	95
7	Whether all the topics in the session plan covered?	20	14	4	4	1		100	91	91
8	Does this event have brought any change in your understanding of the subject and your attitude towards learning?	20	15	2	2	2		100	90	90
9	All staff members	20	16	1	1	1		100	92	92
Overall Percentage										88.3

Overall feedback of the guest lecture is excellent with the percentage of 88.3.


8/3/24
EVENT COORDINATOR


8/3/24
HOD
Head of the Department,
Dept. of Mechanical Engineering,
St. Anne's College of Engineering & Technology


8/3/24
PRINCIPAL
Dr. R. AROUKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Accredited by NAAC,

ANGUCHETTYPALAYAM, PANRUTI, CUDDALORE DISTRICT - 607 106

DEPARTMENT OF MECHANICAL ENGINEERING

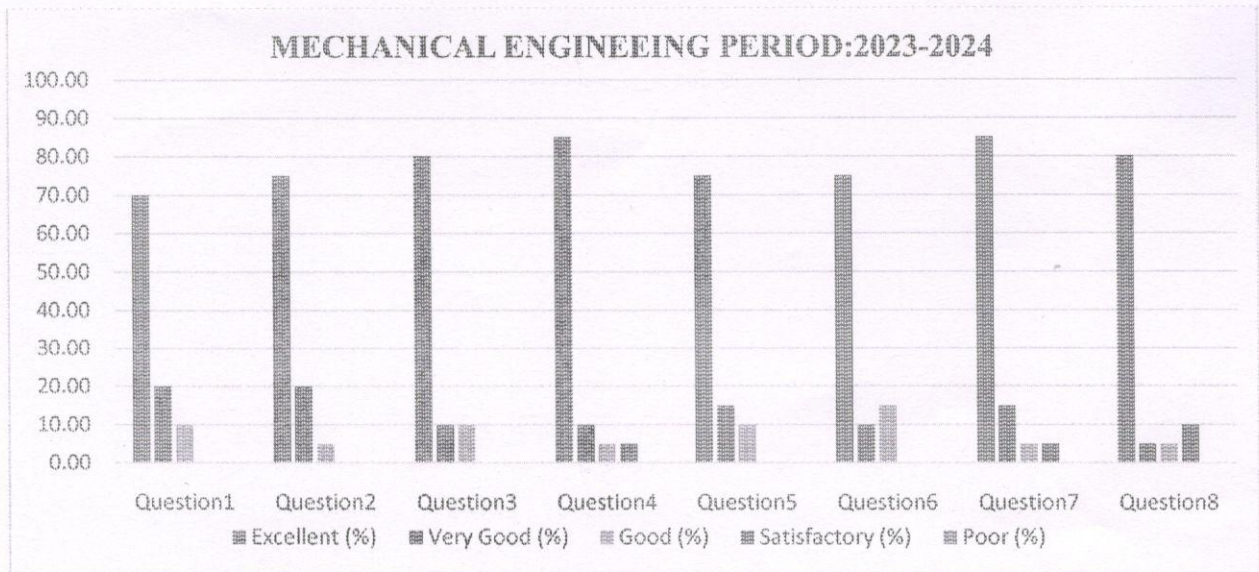
FEEDBACK ANALYSIS OF VALUE ADDED COURSE

DATE: 04.03.2024 - 08.03.2024

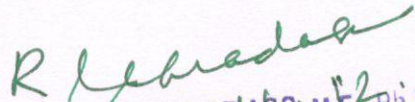
PERIOD: 2023 - 2024

TITLE: MODERN TRENDS IN MANUFACTURING TECHNOLOGY

Questions	Excellent (%)	Very Good (%)	Good (%)	Satisfactory (%)	Poor (%)
Question 1	70.00	20.00	10.00	0.00	0.00
Question 2	75.00	20.00	5.00	0.00	0.00
Question 3	80.00	10.00	10.00	0.00	0.00
Question 4	85.00	10.00	5.00	5.00	0.00
Question 5	75.00	15.00	10.00	0.00	0.00
Question 6	75.00	10.00	15.00	0.00	0.00
Question 7	85.00	15.00	5.00	5.00	0.00
Question 8	80.00	5.00	5.00	10.00	0.00



It is observed from this graph that around 80% of students feedback on Value Added Course as "Excellent".


Dr. R. AROKIA DAS, M.E., Ph.D.
 CHIEF SUPERINTENDENT,
 Anna University Examinations,
 4221-St. Anne's College of Eng. & Tech,
 Anguchettypalayam - 607 110,
 Panruti Taluk.



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in

Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ABISHEK A

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

Department of Mechanical Engineering

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mr. K. Shanmuga Elango

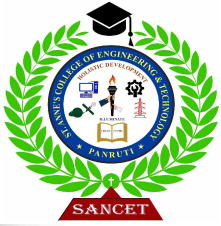
HOD/MECH

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in

Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

AJAY V

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

Department of Mechanical Engineering

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mr. K. Shanmuga Elango

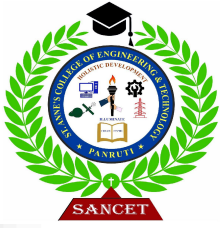
HOD/MECH

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in

Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

AKASH S

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

Department of Mechanical Engineering

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mr. K. Shanmuga Elango

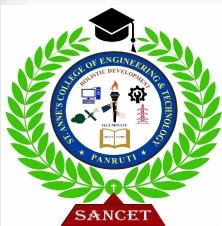
HOD/MECH

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

ARUL T

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

Department of Mechanical Engineering

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mr. K. Shanmuga Elango

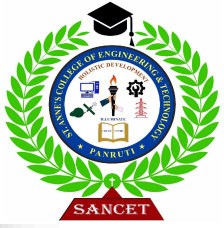
HOD/MECH

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti



ST. ANNE'S

College of Engineering & Technology

(A unit of sisters of St. Anne, Tiruchirapalli)

Accredited by NAAC

Approved by AICTE, Delhi & Affiliated to Anna University, Chennai

Website: www.stannescet.ac.in

Email: stannescet@gmail.com



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

BALA P

Department of Mechanical Engineering

St. Anne's college of Engineering and Technology, Panruti

has participated in five days value added course on

"MODERN TRENDS IN MANUFACTURING TECHNOLOGY "

organized by

Department of Mechanical Engineering

St. Anne's College of Engineering and Technology

from **04.03.2024** to **08.03.2024**.

Mr. K. Shanmuga Elango

HOD/MECH

St. Anne's CET, Panruti

Dr. R. ArokiaDass

Principal

St. Anne's CET, Panruti