



SATHYABAMA

**INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1.3.2 VALUE ADDED COURSES 2022-2023

S. No.	Title	Dates	Page No.
1	LabVIEW Core1 & Core 2 Training	27.6.2022 to 2.7.2022	3
2	LabVIEW Programming Using myDAQ	22.8.2022 to 27.8.2022	8
3	LabVIEW Programming Using myDAQ	12.9.2022 to 19.9.2022	12
4	Mastering C	29.8.2022 to 20.9.2022	18
5	Mastering C	3.10.2022 to 7.11.2022	21
6	Mastering C	17.11.2022 to 20.12.2022	26
7	Mastering C	2.1.2023 to 5.2.2023	31
8	Communication Using LABVIEW	02.02.23	36

9	Physical Custom IC Design	04.1.2023 to 31.01.23	42
10	Physical Custom IC Design	06.02.23 to 04.03.23	49
11	Physical Custom IC Design	06.03.23 to 31.03.23	55
12	Experimental Learning of Data Structures through C Programming	13.03.23 to 18.03.23	61
13	Experimental Learning of Data Structures through C Programming	20.03.23 to 25.03.23	67
14	Experimental Learning of Data Structures through C Programming	27.03.2023 To 01.04.23	71

1. LabVIEW Core1 & Core 2 Training



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LabVIEW

SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

organizes Value Added Program on

LABVIEW CORE 1 & CORE 2 TRAINING

Program Highlights

- Students will learn from basic to intermediate Application Development
- Students will be able to do their mini projects on their own
- Students will gain great ideas about how to crack NI GLOBAL Certification
- Students will learn about industrial requirements from engineering students

27.06.2022 to 02.07.2022



Resource Person

Mr. G. Anish Kumar
Director, Aadhyaa Skills
Research & Development

DAY 1
• Introduction to GSD
• Introduce LabVIEW environment
• Data Types
• Boolean
• Strings

DAY 2
• Loops
• For Loop
• Feedback Node
• Shift Register
• While Loop
• Case Structure

DAY 3
• Arrays
• Common Arrays
• Functions
• Clusters
• Sub VI

DAY 4
• Graphs & Charts
• Variables
• File I/O
• Sequence Structure
• Dialog & User Interface

DAY 5
• Enumerated Data type
• Type Definition
• Property Node
• Invoke Node
• State Machine
• Event Structure

DAY 6
• Introduction to myDAC & NI h/w
• Introduction to NI CLD & CLAD Certification
• Scope of NI LabVIEW in industries

Patrons

Conveners

Dr. N. M. Nandhitha, Dean, SoEE
Dr. T. Ravi, HoD, ECE

Organizers

Dr. V. Vijaya Baskar, Professor
Dr. R. Narmadha, Assoc. Professor

Coordinators

Dr. M. S. Godwin Premi, Professor
Dr. A. Aranganathan, Assoc. Professor

Dr. T. Sasipraba

Vice Chancellor

Dr. E. Logashanmugam

Pro Vice Chancellor

Dr. S. S. Rao

Registrar

Dr. B. Igni Sabasti Prabu

Controller of Examinations

Dr. B. Sheela Rani

Director Research

Dr. G. Sundari

Director Administration

Chief Patrons

Dr. Mariazeena Johnson

Chancellor

Dr. Marie Johnson

President

Mr. J. Arul Selvan

Vice President

Mrs. Maria Bernadette Tamilarasi

Vice President

Ms. Maria Catherine Jayapriya

Vice President

Course Outcome:

This course teaches how to use common design patterns to successfully implement and distribute LabVIEW applications for research, engineering, and testing. Useful to design stand-alone applications.

List of Participants

SL.NO	ROLL. NO	NAME OF THE STUDENT
1	20S135176	ADEEBA FAIZ
2	20S135169	ADITYA KAUSHAL
3	20S135122	K.AGILAN
4	20S135086	AJAY DEV
5	20S139021	AJITHA V
6	20S135023	AKASH APPADURAI
7	20S135072	AKHILESH KATARI
8	20S135034	AKKALA SUBBA REDDY
9	20S135115	AKSHAT ANAND
10	20S135132	ALLURI CHANDU
11	20S135149	ALLURU SRIHARI REDDY
12	20S135019	ANAND.A. R
13	20S135010	ANBUSELVAN .P
14	20S135124	ANUPOJU RAM DURGA PAVANTEJ
15	20S135038	APARNAA M
16	20S135103	ARAVIND. V
17	20S135001	ASHWIN SASIKUMAR
18	20S135002	ASHWINBALAJI V
19	20S135130	ATTLURI RAKESH
20	20S135108	BALANNAGARI MANIKANTESHWAR REDDY
21	20S135131	BALAVENI SANDEEP
22	20S139023	BARIKE SWARNAMUKHI
23	20S135111	BAYYAPUREDDY HEMANTH REDDY
24	20S138009	BENISHA J
25	20S135021	BHARATH. R
26	20S139022	BIRUNDHA K
27	20S135042	BODDU INDRASENA REDDY
28	20S139029	BOGGARAPU VENKAT

29	20S135126	BOLLIMUNTHA ANURADHA
30	20S135113	CHALLA .SURYA SAI
31	20S135154	CHEDE PAVAN KUMAR
32	20S135129	CHEPALA PAVANKUMAR
33	20S135164	CHINTHA SREENATH
34	20S135127	CHITIKILA VENU MADHAV
35	20S135061	CHITTURI MUKESH
36	20S139049	DABBEERU VAMSI KRISHNA
37	20S135163	DAMA VENKATA KISHORE
38	20S139032	DAMINENI SHALINI
39	20S135035	DASARATHAN BALAJI
40	20S135179	DASARIRAJU PRADEEP
41	20S135027	DENDUKURI NAGA HARSHITHA
42	20S135069	DESINENI SUNANDA KUMAR
43	20S139010	DEVA DHARSHINI S
44	20S139039	DEVADHARSHINI S
45	20S135039	DEVANANDKUMAR. V
46	20S135175	DHANUSH ADITHYA L
47	20S139018	DHANUSRI E
48	20S135031	DHINAKARAN. S
49	20S135141	DILIBAN
50	20S135133	DIRISALA MOHITH
51	20S139068	DODDIPATLA PHANINDRA
52	20S135036	ELANGO VAN. A
53	20S135088	ERPA THARUN CHANDRA
54	20S135174	EVANA DEEPAK NAIDU
55	20S139055	FATHIMA BEGUM J
56	20S135148	FREDRIC. S
57	20S135142	GADI DHANUNJAY
58	20S135078	GAIKOTI DINESH
59	20S135057	GALI THARUN DEEPAK
60	20S139067	GANDROTHU VINOD KUMAR
61	20S135153	GANGIREDDYGARI CHAKRAPANIREDDY
62	20S135170	GANTA VENKATA SREEKANTH
63	20S139048	GANUGALA NEERAJA
64	20S135119	GARAPATI SHANMUKHA SRINIVAS
65	20S139009	GAYATHIRI R
66	20S135046	GIRITHAR.G.B
67	20S135011	GOKUL RAM.S

68	20S135151	GOLLA JAYA SRI VASTAV
69	20S135065	GONUGUNTLA MANIKANTA
70	20S139001	GOPINATH.S
71	20S135171	GRANDHI REVANTH
72	20S135155	GUDDITI TEJA
73	20S135156	GUDDITI TEJESH
74	20S135085	GUNASEKARAN K
75	20S139064	GUTTULA REVATH VEERA VENKATA GIRISH





2. LabVIEW Programming Using MYDAQ



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LabVIEW

SCHOOL OF ELECTRICAL AND ELECTRONICS DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

organizes Value Added Program on

LABVIEW PROGRAMMING USING MYDAQ

Program Highlights

- Students will learn from basic to intermediate Application Development
- Students will be able to do their mini projects on their own
- Students will gain great ideas about how to crack NI GLOBAL Certification
- Students will learn about industrial requirements

22.08.2022 to 27.08.2022



Resource Person

Mr. G. Anish Kumar
Director, Aadhyaa Skills
Research & Development

DAY 1
• Introduction
• MXP and MSP
Connector Diagrams
• myDAQ, myRIO
connections and
configurations

DAY 2
• myDAQ, MyRIO
testing
• Onboard sensor
programming
• Mini project
development using
onboard sensors

DAY 3
• myDAQ, myRIO
Sensor interfacing
• Introduction to
Database
• Acquiring real time
signal from sensors &
data logging into
excel sheet

DAY 4
• Introduction to IIOT
• IIOT- using myRIO
• Cloud
communication
through Thingspeak
• Introduction to
wireless commun.

DAY 5
• Build a Stand-Alone
Application
• WIFI configuration
with myRIO
• Basic FPGA
programming using
myRIO

DAY 6
Major Projects
• Weather Station
• Smart Car parking
• Smart irrigation
system
• Color Detection
robot

Patrons

Conveners

Dr. N. M. Nandhitha, Dean, SoEE
Dr. T. Ravi, HoD, ECE

Organizers

Dr. V. Vijaya Baskar, Professor
Dr. R. Narmadha, Assoc. Professor

Coordinators

Dr. M. S. Godwin Premi, Professor
Dr. A. Aranganathan, Assoc. Professor

Dr. T. Sasipraba

Vice Chancellor

Dr. E. Logashanmugam

Pro Vice Chancellor

Dr. S. S. Rao

Registrar

Dr. B. Igani Sabasti Prabu

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Dr. G. Sundari

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Dr. Marie Johnson

President

Mr. J. Arul Selvan

Vice President

Mrs. Maria Bernadette Tamilarasi

Vice President

Ms. Maria Catherine Jayapriya

Vice President

Course Outcome:

Building on information taught in LabVIEW, Data Acquisition and Signal Conditioning training teaches the fundamentals of PC-based data acquisition and signal conditioning. Students learn how to perform different types of acquisition and to identify the correct sensor for their measurements. Students also discuss signal conditioning fundamentals and install and configure hardware in classroom-based courses

List of Participants

SL.NO	ROLL NO	NAME OF THE STUDENT
1	21S135235	AATHIF AHAMED
2	21S135034	ABBURI BHARATH SASANK CHOWDARY
3	21S131019	ABDUL RAHMAN A
4	21S135320	ABHINAYA S
5	21S135212	ABHISHEK D
6	21S135490	ABINESHWARAN A
7	21S135497	ABISHEK R
8	21S135078	ABISHEK RAJAN S
9	21s135440	ACHANTA PARDHA SAI YESU
10	21S135313	ADIGOPPULA NIKITH KUMAR
11	21S135094	ADITHYA HARIPRASAD
12	21s135412	ADURI NEERAJ TANAI PUSHKAR KARTHIK
13	21S135153	AJAY R
14	21S135255	V AJITH
15	21S135166	AKHILESH CH
16	21S135216	AKSHAYA SRI SARAVANAN
17	21S135046	AKSHAYA V S
18	21S135149	AKULA KISHORE
19	21S135377	ALLIMILLI DEVI NAGA SAI
20	21S135459	AMBATI KAVYA DEVI
21	21S135232	AMBATI SAIKRISHNA
22	21S135264	AMULDALAPALLI SAI ROHITH
23	21S135493	ANAMDASU UDAY SAI KUMAR
24	21S135325	ANAZ M F
25	21S131004	ANDREW RABIN D
26	21S135411	ANEBOINA JAGAN
27	21s135419	ANGA SOLOMON YUVRAJ
28	21S135425	ANGANI HAJITH KUMAR
29	21S135270	ANIPALLI CHARMIKA
30	21S138002	ANLET RUFITTA A

31	21S135123	ANSHIKA ANAND
32	21S135380	ARAVA PURNA SAI
33	21S135075	ARAVIND R S
34	21S135458	ARI SUBRAMANYAM
35	21S135114	ARJUN B
36	21S135052	B ARJUN K C
37	21S135068	ARJUN S
38	21S138003	AROKIA ASHIK X
39	21S135263	ARPUDHAVALLI R S
40	21S135005	ASHUTOSH MISHRA
41	21S135170	ATCHAMSETTI OM SAI PRAKASH
42	21S135192	ATHUL AJITH
43	21S135243	ATTE HARSHAVARDHAN
44	21S139006	ATTULURI LAKSHMI PRASANNA
45	21S135058	AVADHANAM HARSHITHA
46	21S135136	AVINASH R
47	21S135522	BACHINA VENU BABU
48	21S139007	BALA SUBINGA K
49	21S135267	BALAGANAPATHY M
50	21S135109	BALAJI A M
51	21S135517	BALGURI VAMSHI RAO
52	21S135191	BALLA RUDRA GANAPATHI RAJA
53	21S135147	BAPIREDDY SAHITHI
54	21S135339	BARATH RAM R
55	21S135378	BATTAPATI RAMBABU
56	21S135257	BATTAPOTHULA PRABHAKAR
57	21S135092	BATTULA TEJASWI
58	21S135283	BEERAM VENKATA SUDHEER KUMAR REDDY
59	21S135236	BEJAWADA VENKATA SAI DINESH KUMAR
60	21S135082	BENJAMIN CHEMDAH RAJKUMAR
61	21S135176	BENNY IMMANUEL B
62	21S135550	BETHAM.SANJEEV REDDY
63	21S135275	BHARAGAVI CHODISETTI
64	21S139032	BHARGAVI S
65	21S135186	BHAVADHARENI S
66	21S135504	BHAVASAKTHI S S
67	21S135401	BHUKYA SRINATH
68	21S135311	BHUMIREDDY PRATHYUSHA
69	21S135479	BHUPATHIRAJU ASWIN RANJITH VARMA
70	21S135537	BHUVANESWARI N
71	21S135432	BIDDALA DINESH KUMAR REDDY

72	21S138001	BILLGATES B
73	21S139008	BIREDDY SHOWRI SANTHOSH
74	21S139055	K BIRUNTHA
75	21S139009	BODDU ASHOK REDDY



3. LabVIEW Programming Using MYDAQ



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ENGINEERING

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LABVIEW **PROGRAMMING USING MYDAQ**

Program Highlights

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- Students will be able to do their mini projects on their own
- Students will gain great ideas about how to crack NI GLOBAL Certification
- Students will learn about industrial requirements

12.09.2022 to 19.9.2022



Resource Person
Mr.G.Anish Kumar
Director, Aadhyaa Skills
Research & Development



Patrons

Conveners

Dr.N.M.Nandhitha, Dean, SoEE
Dr.T.Ravi, HoD, ECE

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Dr.Marie Johnson

President

Mr.J.Arul Selvan

Vice President

Mrs.Maria Bernadette Tamilarasi

Vice President

Ms.Maria Catherine Jayapriya

Vice President

List of Participants

S. No.	Roll No.	Name of the Student
1	20S135008	HARIPRIYA S
2	20S139025	C.S.HARISH
3	20S135028	HARSH TIWARI
4	20S135177	ILA VENKATA SITHARAM
5	20S135107	INDUKURI KARTHIK VARMA
6	20S135022	ISHI GUPTA
7	20S139033	JADHAV YUVRAJ NAGESH
8	20S135138	JALLA SOMA SUNDAR REDDY
9	20S139019	JANANI V
10	20S135084	JAYASURYA R R
11	20S135018	JENIFER. J
12	20S138003	JOVIE SHINOL.J.R
13	20S135009	JOVITA PERSIS
14	20S135180	JOY NIKHIL.E
15	20S139063	KALI ANANTH NAG
16	20S139062	KALLURI RAJITHA
17	20S139044	KALYANAPU KEERTHI
18	20S139003	R.KAMALESH
19	20S135043	KAMMATHAM SURYA KIRAN
20	20S135143	KANCHAM SAI SHARANYA
21	20S139069	KANCHANA M
22	20S135058	KANDURI SAI NATH CHARAN
23	20S135159	KANDURI.BHARANI NAGA VENKATA GOPAL NIKHIL
24	20S139057	KANIMOZHI S
25	20S135081	P.KANYAA
26	20S131002	KARRI PAVAN SAI KIRAN
27	20S131003	KARRI SURYA VENKATA SAI RAKESH
28	20S139041	KARROTHU GANESH
29	20S135048	KARTHIKHA SRI. S
30	20S135166	KASAGANI PRUDHVI HARI
31	20S139053	KATAM ABHISHEK GOUD
32	20S139036	KATAM NITHIN GOUD
33	20S135168	KATTA.VEERA.VENKATA.PHANI KUMAR
34	20S135104	KATTUNGA JAYARAM
35	20S139040	KAVIYAPRIYA V
36	20S138005	KERIN J

37	20S135082	P.KIRAN
38	20S135032	KISHORE KUMAR. K
39	20S135097	KOLLA MADHAN
40	20S131004	KONDA RAKESWAR REDDY
41	20S139031	KOSURI SAI SRUTHI
42	20S135079	KRANTHI KUMAR KAREMPUDI
43	20S135066	K.T.KRISHNAN
44	20S139008	KRISHNAVENI.S
45	20S135146	KURUVAGANTELA HARI
46	20S135051	B.KUSHAL
47	20S135121	LAKSHMI VAISHNAVI PAIDIPALLI
48	20S138002	LARA JENISH L
49	20S135052	LAVANYA C
50	20S138006	LIJUSHA.J
51	20S139070	C.LOKESH
52	20S135145	MADDASANI VISHNU VARDHAN
53	20S135102	MADDILETI SURAJ
54	20S135016	MAHILA.P
55	20S135110	MALLELA VEERA DIVYA
56	20S135059	MANAM LIKHITH REDDY
57	20S139026	MANCHALA BHUMIKA REDDY
58	20S135117	MANIKANTA MANDHATI
59	20S135152	MARELLA THANOOZ KUMAR
60	20S135045	MARIA ALPHONSE JEFFREY T
61	20S135037	MARRI AYYAPPA CHOWDARY
62	20S139066	MARY SEREN RANJANA.X
63	20S139002	MOGESHWARAN B
64	20S135063	MOHAMMED MUJAHID
65	20S139065	MOHAMMED SHARUKH HUSSAIN
66	20S139017	MOHITHAPRIYA T
67	20S139016	MONISHA. M
68	20S135109	MUTTIREDDY YUVARAJ PAVAN
69	20S135093	NAGA BHUSHAN
70	20S135128	NAMBURI HARSHA VARDHAN
71	20S135089	NANDINI R
72	20S139060	NANDYALA PADMAJA
73	20S135139	NARAGONI ABHINAY KUMAR
74	20S135050	NARRA VENKATA RAMU
75	20S139028	NAVEEN S

Course Completion Certificate

This is to certify that

JANANI V

Has attended Value Added Course offered by **Aadhyaa Skills Research & Development**,
Chennai on **LabVIEW Programming Using myDAQ** from **12-9-2022 to 19.9.2022**
in association with the Department of Electronics and Communication Engineering,
Sathyabama Institute Of Science & Technology.



[4324471490BK](https://www.aadhyaa.com/4324471490BK)



G. Anish kumar
Director
Aadhyaa Skills Research & Development



4. Mastering C



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University)



SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
organizes a certified course on

Value Added Course on
Mastering C

Course Contents (32 Hours)

- Introduction to C Programming
- Data types and Operators
- Controls and Loops
- Functions
- Arrays
- Structures and Unions
- Pointers
- Programming Practice

Course Outcome

- To develop coding using C Language
- To solve real world problems

Pre-requisite: Nil

Start Date : Aug 22, 2022
Duration : Monday - Friday 3.30 PM -4.30 PM
Venue : Circuits and Simulation Lab,EIE 2nd Floor
Eligible students: I ECE and I Aeronautical
(Only for Hostel Students)

CHIEF PATRONS
Dr. Mariazeena Johnson
Chancellor
Dr. Marie Johnson
President
Mr.J.Arul Selvam
Vice President
Ms.Maria Bernadette Tamilarasi
Vice President
Ms.Maria Catheirne Jayapriya
Vice President
Dr.T.Sasipraba
Vice Chancellor

PATRONS
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Pro Vice Chancellor
Dr. G.Sundari
Director - Administration

CONVENORS
Dr. N.M.Nandhitha
Prof & Dean / School of EE
Dr. T.Ravi
Prof & Head / ECE

Course Co-ordinators
Dr.N.M.Nandhitha / ECE
Dr.S.Poornapushpakala /ECE

Resource Persons
Dr.N.M.Nandhitha / ECE
Dr.S.Barani/ ECE
Dr.S.Emalda Roslin / ECE
Dr.M.Subramoniam / ECE
Dr.V.Vedhanarayanan / ECE

Registration Link
<https://forms.gle/vRxcALinShFXnsf6>

Course Outcome:

After competing this course, the students can Develop a C program, Control the sequence of the program and give logical outputs, Manage I/O operations in your C program, Understand the basics of file handling mechanisms.

List of Participants

SL.NO	ROLL NO	NAME OF THE STUDENT
1	19S135091	AABARANA SAKTHITHA. A
2	19S135089	AADHITHYA. M. R
3	19S131001	AAKASH. C
4	19S135070	ABDUL RAHMAN. S
5	19S135111	ABI. S
6	19S135801	ABIJITH
7	19S139002	ABIRAMI. M
8	19S135147	ADDALA SAI NAGENDRA BABU
9	19S135640	ADITHYA SRIDHAR
10	19S135819	ADITYA PRAKASH
11	19S131002	ADITYA SAILESH. T
12	19S135625	AFTAB ALAM
13	19S135001	AGNES PRISCILLA GOPIKA. M. K
14	19S135160	AITHA RANADHEER
15	19S135002	AKASH. P
16	19S131099	AKASH VARMA
17	19S135666	AKKILI SAIKUMAR REDDY
18	19S135601	AMARANKENI UMESH CHANDRA
19	19S139051	AMMI REDDY SUPRAJA
20	19S135003	ANAGHA JACOB
21	19S139003	ANANDHI. S
22	19S131003	ANANTHA LAKSHMI. P
23	19S138002	ANAS MAHIN DAS
24	19S135787	ANEM VAMSI
25	19S135004	ANGELO ALEXANDER
26	19S135706	ANISETTI MOHAN KUMAR
27	19S131004	ANNAM SANTOSH KUMAR
28	19S135005	ANTO KENSIYA. S
29	19S139004	ANUSHA. K
30	19S135631	ANUSURI RAM NIVAS
31	19S131005	APPAJOSYULA CHAITANYA
32	19S135652	ARAVAPALLI DIVYA VASAVI
33	19S135805	ARAVINDU. B
34	19S135674	ARIGELA SAI YASWANTH

35	19S135636	ARISSETTY SAHIT
36	19S135781	ARRA ROHIT
37	19S139032	ARTHIESWARI. P
38	19S139005	ARUL THANGA RAJA. B
39	19S135006	ARUN KUMAR REDDY RAMIREDDY
40	19S139006	ASAM SUJITHA
41	19S15816	ASHOK. B
42	19S131043	ASODI KISHORE KUMAR REDDY
43	19S135800	ATTADA SAANDEEP DORA
44	19S135725	ATTE RUSHIVARDHAN
45	19S139007	AVANTHIKA. M
46	19S131006	AVULA JAGADEESH
47	19S131007	AYSETTI VENKATA NARAYANA KARTHEEK
48	19S131009	BACCHU GUNA NANDA VARDHAN
49	19S135151	BADDIGAM LOKESWARREDDY
50	19S135642	BADIREDDY LOHIT SURYA SAI KRISHNAM NAIDU
51	19S135686	BAIREDDY VIVEK VARDHAN REDDY
52	19S135795	BALIGA BHARGAV
53	19S135591	BANDARU NAGA SRI ADITYA
54	19S135120	BANDELA NAVA KISHORE
55	19S131008	BANDIGUPHAPU SUMANTH KALYAN
56	19S135007	BASAVA NAGENDRA RAVI SAI
57	19S135566	BASIREDDY CHANDRA MOHAN REDDY
58	19S135623	BATTU VEERANJANEYULU
59	19S139008	BEELA TULASI
60	19S135077	BEJESH SRIRAM. G
61	19S135008	BELLAM HEMANTH KUMAR REDDY
62	19S139009	BELLANA GEETHA LAKSHMI
63	19S135615	BETHALADHANA RAMA VISWA NAGESWARA RAO
64	19S135009	BETHAM VEERA REDDY
65	19S135788	BHARATH
66	19S135150	BHARATH KUMAR. J
67	19S139015	BHARGAVI. G
68	19S135797	BHASKAR
69	19S131010	BHASKAR NAIDU MUTYALA
70	19S135695	BHAVIRISETTY SAI
71	19S131011	BHUMANAPALLI NIVAS KUMAR REDDY
72	19S135117	BHUVANESWARI. B
73	19S135629	BINAPUDI PUSHPAK VINAY
74	19S135680	BOBBILI SATYA REVANTH

75	19S135698	BOBBURI SRI JAYALAKSHMI
76	19S131012	BODDEPALLI HANISH
77	19S135649	BONAGIRI CHANDRA LEKHA
78	19S135825	BOORA ADHARSH
79	19S135010	BORRA UMA KARTHIK
80	19S135145	BOSI JNANANANDA CHAKRAVARTHI
81	19S135806	BUPELLI AKHIL TEJA
82	19S135153	BURRI RAMA KRISHNA REDDY
83	19S135639	CHALASANI CHETAN PRASAD
84	19S135121	CHALLAGULLA SAI DINESH
85	19S131091	CHALLAPALLI ISWARYA
86	19S131014	CHAMAKURA SRI SATYA SAI JANARDHAN
87	19S139010	CHEERLA SYAMALA
88	19S135687	CHEKURI SRINADH
89	19S135711	CHEVURI PRAVEENKUMAR
90	19S135622	CHIDIPUDI AJAY KUMAR REDDY
91	19S131013	CHIKKALA PRASANTH
92	19S135638	CHILUKURI DURGA MAHESH
93	19S135080	CHINIMILLI SATYA SRI RAMACHANDRAYYA
94	19S135567	CHINNALA HRUTHIK
95	19S135822	CHINTALA GOWTHAM KAMESWARA RAO
96	19S131015	CHINTHAKUNTALA VIJAY KUMAR
97	19S131016	CHOPPERLA RAM NIVEDH
98	19S135012	CHUNDRU KASI VISWANADHAM
99	19S135828	DAGGUBATI AKHILA
100	19S131017	DANDU SHASHANK SRI SAIVARMA
101	19S135090	DARSHITA. V
102	19S135685	DASARI JESWANTH SAI BRAHMESH
103	19S131018	DASARI LIKHITH MADHAV
104	19S131019	DASARI SRI HARSHA
105	19S135013	DEEPTHI. A
106	19S135082	DEVADHARSHINI. G
107	19S135823	DEVARAKONDA RAHUL
108	19S135115	DEVARALA VENGALARAO YADAV
109	19S135597	DHACHAPALLY SHRUJAN
110	19S139036	DHANA LAKSHMI. R
111	19S135113	DHANALA VENKATESHWARLU
112	19S131097	DHARUN. G
113	19S135158	DHEERAJ KUMAR
114	19S135014	DHEWESWAR. B
115	19S139012	DINESH. M

116	19S139013	DINESH. S
117	19S131020	DIVESH SENTHIEL
118	19S135820	DIVYA. V
119	19S135565	DODDIV VAISHNAVI
120	19S131021	DRONADRI JAYA SAI PAVANI



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY



SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Appreciation

This is to certify that

Mr.AVULA JAGADEESH has successfully completed the Certified Course on Mastering C from on 29th Aug - 20th Sep 2022, Completing 32 hours of Course organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Resource Person
Dr. S. Barani
Prof/School of EE

Coordinator
Dr. S. Poornapushpakala
Prof/School of EE

Coordinator
Dr. N. M. Nandhitha
Dean/School of EE



5. Mastering C



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University)



SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

organizes a certified course on

Value Added Course on

Mastering C

Course Contents (32 Hours)

- Introduction to C Programming
- Data types and Operators
- Controls and Loops
- Functions
- Arrays
- Structures and Unions
- Pointers
- Programming Practice

Course Outcome

- To develop coding using C Language
- To solve real world problems

Pre-requisite: Nil

Start Date : Oct 3, 2022
Duration : Monday - Friday 3.30 PM -4.30 PM
Venue : Circuits and Simulation Lab,EIE 2nd Floor
Eligible students: I ECE and I Aeronautical
(Only for Hostel Students)

CHIEF PATRONS

Dr. Mariazeena Johnson
Chancellor

Dr. Marie Johnson
President

Mr.J.Arul Selvam
Vice President

Ms.Maria Bernadette Tamilarasi
Vice President

Ms.Maria Catheirne Jayapriya
Vice President

Dr.T.Sasipraba
Vice Chancellor

PATRONS

Dr. E.Logashanmugam
Pro Vice Chancellor

Dr. G.Sundari
Director - Administration

COURSE CO-ORDINATORS

Dr.N.M.Nandhitha / ECE
Dr.S.Poornapushpakala /ECE

RESOURCE PERSONS

Dr.N.M.Nandhitha / ECE
Dr.S.Barani/ ECE
Dr.S.Emalda Roslin / ECE
Dr.M.Subramoniam / ECE
Dr.V.Vedhanarayanan / ECE

CONVENORS

Dr. N.M.Nandhitha
Prof & Dean / School of EE

Dr. T.Ravi
Prof & Head / ECE

Registration Link
<https://forms.gle/vRxcALinShFTXnsf6>

List of Participants

S. No.	Roll No.	Name of the Student
1	19S135682	DUDEKULA AVINASH
2	19S135670	DUDIGANI UMESH
3	19S135128	DUMPALA RUSHIKESHWAR
4	19S135789	EDARA SIVA JAGADEESH
5	19S138003	FATIN KISHO. E
6	19S135099	FEBI SHAFRIN. G. S
7	19S139018	GADE THARUNADITHYA REDDY
8	19S139060	GADIKOTA NITHISH
9	19S139019	GANDAREDDY DIVYASREE
10	19S135650	GANDI DEEPAK
11	19S135703	GANGALA VENKATA SAI SWAROOP
12	19S131087	GANGARAJU TEJASWINI
13	19S135118	GANTA ANAJALI RAGHAVA NAGA SATYA SURYA
14	19S135798	GARAGABOINA VEERABABU
15	19S135774	GAVVALA NIVAS
16	19S139020	GAYATHRI. V
17	19S135588	GOGULAMUDI PREMCHAND
18	19S135826	GOKANI SRIJA
19	19S135015	GOKAVARAPU VENKATA VARA PRASAD
20	19S135016	GOKULA KRISHNAN. S
21	19S135799	GOPINATH. K
22	19S135126	GORLE UJWAAL
23	19S135729	GOUTHAM. K
24	19S135156	GOWTHAM. M
25	19S131095	GUBBALA UDAY SUBRAMANYA KUMAR
26	19S131023	GUDAPATI GOPI VISWANADH CHOWDARY
27	19S139016	GUDIMANIKYAM GANGA BHAVANI
28	19S139021	GUDURI RAVI KIRAN
29	19S135690	GUMMADAPU HARSHITHA HARINDRA
30	19S135677	GUNA SEKHAR REDDY
31	19S135017	GUNDA OM SAI
32	19S135722	GUNDLAPUDI SURYA TEJA
33	19S135078	GUNUPUDI TARUN KUMAR
34	19S135634	GURRAM SREE BALAJI
35	19S135657	GUTTALA BINDU POOJITHA
36	19S139022	HARI PRASAD. B
37	19S135081	HARIMANISH. K
38	19S131096	HARISH. J. K
39	19S135603	HARSHITHA

40	19S135018	HEAVENA AMIRDAA. D
41	19S131022	HEELIA. G
42	19S135676	IMMADI SURYA GANGADHAR
43	19S131024	IMMADISETTY JAYASURYA
44	19S135019	IMMANUEL. B
45	19S131025	INTURI BHANU PRATHAP REDDY
46	19S131026	INTURI VISHNU VARDHAN REDDY
47	19S135116	IRIS SHERLINE GLADIS. J
48	19S135072	ISABEL AKSHAYA. V
49	19S135663	ISHWARIYA. P. S
50	19S135646	ISWARYA GRANDHI
51	19S135020	JAHAN. S
52	19S135573	JAMPULA SAITEJA
53	19S135700	JANGITI SATHWIK
54	19S135021	JANITH CHARA. D
55	19S135803	JAYA PRAKASH
56	19S139023	JAYABHARATHI. A
57	19S139024	JAYAKEERTHANA. K
58	19S131028	JAYAKUMAR. J
59	19S135125	JAYANTH VARMA ALLURI
60	19S131027	JEBIN GERALD. J
61	19S135701	JERMANUS ALONZO. A
62	19S131100	JETTI PHANITEJA. J
63	19S135022	JHAASHWANTH. P
64	19S131029	JOE RENIN. E
65	19S131030	JONNADULA AKASH
66	19S135122	JUVVALA HARSHITHA
67	19S131031	JUVVALA ROHAN SIDDHU
68	19S131033	KADHA CHAKRI VENKATA SURESH KUMAR
69	19S135023	KADIMISETTY MOHAN CHANDRA REDDY
70	19S131034	KAKANURU SIVA REDDY
71	19S131035	KAKARLA SAI MANI SRI
72	19S131036	KALAVAKUNTA SRI VENKATESWARA RAO
73	19S135630	KALLURI LOKESH DURGA PRASAD
74	19S135144	KALLURI UPENDHRANATH REDDY
75	19S135726	KALUGURI SHANMUKHA SAI
76	19S135683	KAMANABOINA MANIKANTA
77	19S131037	KANDUKURI INDRASENAREDDY
78	19S135024	KANDULA SRUTHI
79	19S135025	KANIKA. M. S
80	19S135624	KANNEBOINA NAGARAJU

81	19S135064	KANTA SAI SARAVAN
82	19S131039	KARANAM SUDHA SAGARI
83	19S135134	KARNATI JASHWANTH REDDY
84	19S135600	KASIREDDY GOKUL MANI RANGA REDDY
85	19S135131	KASIREDDY VANAJA
86	19S135659	KATHULA AJAYKUMAR
87	19S135592	KAVETI ASHOK KUMAR YADAV
88	19S131032	KAVIYA. K
89	19S135076	KAVIYA. S
90	19S139025	KAVIYADHARSHINI. N
91	19S135827	KAVURI SRI SHIVA SAI KIRAN
92	19S135577	KEERTHANA. P
93	19S135784	KEERTHIVASAN. A
94	19S131041	KEERTI. G
95	19S139026	KHATEJATHULL KUBRA. A
96	19S131042	KINTHALI HARISH KUMAR
97	19S135026	KIRTHIK. M
98	19S135785	KISHORE. A
99	19S135161	KODUMUR MEESALA PUSHPA LATHA
100	19S135833	KODUMURU PARIMALANATH REDDY
101	19S135097	KOLA NAVEEN KUMAR
102	19S139027	KOLAPALLI SAI MAHESH
103	19S131044	KOLLA JAI SAI NAGA TEJA
104	19S135086	KOLLA PHANEENDRA
105	19S131045	KOMALI VENKATA SNEHITH
106	19S135654	KONCHADA PAVAN
107	19S135653	KONDAPARTHI JAHNAVE
108	19S131046	KONDRAPU TINU SAHITH
109	19S135143	KOPPISETTI SRINIVAS
110	19S135802	KORLA GANESH
111	19S139028	KORRAPATI VIDYASAGARIKA
112	19S131047	KOSINEPALLI VENKATA GANESH
113	19S135621	KOTHAPALLI SRIRAM VARMA
114	19S135098	KOTHAPALLI UPENDRA
115	19S131048	KOTHARU ADITYA PAVAN KUMAR
116	19S135791	KOTIPALLI KUMAR KRISHNA NIKHIL
117	19S135027	KRISHNAIAH GARI BADRINATH REDDY
118	19S135693	KUDUPUDI SATYA SESHAGIRI CHAKARAVARTHI
119	19S131049	KULAKARNI NARENDRA
120	19S135139	KUNAMANENI SPANDANA



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SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Appreciation

This is to certify that

Ms.ISHWARIYA P.S has successfully completed the Certified Course on Mastering C from on 3rd Oct -7th Nov 2022 Completing 32 hours of Course organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Resource Person
Dr. S.Barani
Prof/School of EE

Coordinator
Dr. S.Poornapushpakala
Prof/School of EE

Coordinator
Dr. N. M. Nandhitha
Dean/School of EE

6. Mastering C



SATHYABAMA
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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

organizes a certified course on

Value Added Course on Mastering C

Course Contents (32 Hours)

- Introduction to C Programming
- Data types and Operators
- Controls and Loops
- Functions
- Arrays
- Structures and Unions
- Pointers
- Programming Practice

Course Outcome

- To develop coding using C Language
- To solve real world problems

Pre-requisite: Nil

Start Date : Nov 17 2022
Duration : Monday - Friday 3.30 PM -4.30 PM
Venue : Circuits and Simulation Lab,EIE 2nd Floor
Eligible students: I ECE and I Aeronautical
(Only for Hostel Students)

CHIEF PATRONS

Dr. Mariazeena Johnson
Chancellor

Dr. Marie Johnson
President

Mr.J.Arul Selvam
Vice President

Ms.Maria Bernadette Tamilarasi
Vice President

Ms.Maria Catheirne Jayapriya
Vice President

Dr.T.Sasipraba
Vice Chancellor

PATRONS

Dr. E.Logashanmugam
Pro Vice Chancellor

Dr. G.Sundari
Director - Administration

CONVENORS

Dr. N.M.Nandhitha
Prof & Dean / School of EE

Dr. T.Ravi
Prof & Head / ECE

Course Co-ordinators

Dr.N.M.Nandhitha / ECE
Dr.S.Poornapushpakala /ECE

Resource Persons

Dr.N.M.Nandhitha / ECE
Dr.S.Barani/ ECE
Dr.S.Emalda Roslin / ECE
Dr.M.Subramoniam / ECE
Dr.V.Vedhanarayanan / ECE

Registration Link
<https://forms.gle/vRxcALinShFFXnsf6>

List of Participants

SL.NO	ROLL NO	NAME OF THE STUDENT
1	21S135452	BODDU LAKSHMI SAMEERA
2	21S135482	BOJJA SAHITHI
3	21S135161	BOLLIMUNTHA JYOTHI RATAN BHARGAV
4	21S135538	BONAGIRI PRANAY
5	21S135200	BONDA NOOKA APPA RAO
6	21S135350	BOTTA CHIRU SIVA KUMAR
7	21S135020	BOYINA CHINNA RAJA SATYA SANTOSH
8	21S135220	BUCHHETI MUNI RAKESH
9	21S135457	BUDDHALA SIRISHA
10	21S135518	BYSANI PHANEENDRA
11	21S131001	CARMINE TANYA
12	21S135286	CHALLA SHARATH KUMAR REDDY
13	21S135465	CHALLAPALLI SAI MANOJ KUMAR
14	21S135105	CHAMARTHI KARTHIK
15	21S135498	CHAMARTHI SIVA SAI
16	21S139010	CHAPATI LAKSHMI KAVYA
17	21S135242	CHARUGUNDLA NIHARIKA
18	21S135395	CHEEDELLA V PRASANNAJENYA RAGHURAM KUMAR
19	21S139046	K CHELLAMMAL
20	21S135037	CHERUKUPALLI GANESH YESHWANTH
21	21S135116	CHILUKURI NAGA VENKATA SAI KISHORE
22	21S135103	CHINIMILI NAGA KUMAR SWAMY
23	21S131014	CHINTALAPUDI MAHENDHAR PAVAN
24	21S135178	CHINTALURI SAI ABHIRAM
25	21S135329	CHIRALAM KEERTHI
26	21S135001	CHIRUMAMILLA HARSHA VARDHAN RAO
27	21S135484	CHITRA VEERA SATYA LAKSHMI PRASAD
28	21S135071	CLARET NITASHA R
29	21s135390	DALU SWETHA SREE
30	21S135302	DANDU SANDEEP VARMA
31	21S135253	DAREDDY PRAVEEN KUMAR REDDY
32	21S135126	DASARI BRAMHANANDA REDDY
33	21S135422	DASARI SAI SHIVANVITHA
34	21S135252	DASARI SAINADH
35	21S135460	DASARI VENU MADHAV
36	21S135250	DASARIRAJU PRAVEEN
37	21S139029	DEEPIKA S

38	21S135514	DEVASHISH G
39	21S135297	DEVI SOUNDARIYA S
40	21S139054	H DHANSILA
41	21S135150	DHANUSH KUMAR M
42	21S135436	DHANYATA SMRITI .M
43	21S139066	THARANI P
44	21S135179	K DILLI SAI
45	21S135054	DINESH BABU N R
46	21S131012	DINESH N
47	21S135065	DIVAKAR G
48	21S139056	K DIVYA DHARSHINI
49	21S139011	DIVYA S
50	21S135110	DODDI JAHNAVI
51	21S135404	DODDIPATLA PRAKASH
52	21S135111	DOKALA PAVAN KUMAR
53	21S135231	DOMMETI SIVA GANESH
54	21S135374	DOPPA RAKESH CHANDRA
55	21S135165	DRONAMRAJU VENKATA JISHNU
56	21S135413	DUDALA.PRAVEEN
57	21S135086	DURGESH CHINTA
58	21S135278	EDIGA AJAY
59	21S139013	ELANGO VAN P
60	21S139037	EMANDI VIJAYKUMAR
61	21S131003	ENAPAKURTHI PAVAN KUMAR
62	21S135083	ERAPALLI CHARAN KUMAR REDDY
63	21S135527	EUGENE KUMAR C
64	21S135089	GADAMSETTI MOHAN RAMESH
65	21S135198	GADDE JOSHNASRI PRANITHA CHOWDARY
66	21S139015	GADIKOTA BHAVANA
67	21S135223	GADUSULA MAHESH
68	21S139016	GAJENDHIRAN R
69	21s135480	GAJULAPALLI HARSHA VARDHAN REDDY
70	21S135097	GANGUMOLU DURGA DHANA SUBBA RAO
71	21S139017	GANTA AKHILESWARI
72	21S135318	GARLAPATI SASI VARDHAN
73	21S135151	GAUTHAM S
74	21S135433	A.GAYATHRI
75	21S139039	GEDELA SWAPNA
76	21S135519	GODA VINOD KUMAR

77	21S135324	GOKUL G
78	21S135066	GOKUL S
79	21S139044	GOLUKONDA NAVYA SRI
80	21S135341)	GONGALLA TEJAVARDHAN
81	21S135101	GONGATI AJAY KUMAR REDDY
82	21S135113	GOPIKA K
83	21S135295	GOTTIPATI VENKATESWARLU
84	21S135446	GOVVALA SANTHOSH
85	21S135224	GRACE RITHISHA J
86	21S135381	GUDELLI PAVAN KUMAR
87	21S135008	GUDI CHANDU
88	21s135038	GUNASEKAR B
89	21S135398	GUNDU GANESH SHIVA KUMAR
90	21S135304	GUNTIMADUGU BHARGAV KUMAR RAJU
91	21S135059	HAREESH B
92	21S135204	HARI HARAN.S
93	21S135282	HARI PRASATH BV
94	21S139027	HARIHARAN M
95	21S139034	HARIHARAN N
96	21S135074	HARIHARAN R
97	21S139070	HARIHARAN. K
98	21S135056	HARINI.S
99	21S135117	HARISH M
100	21S135121	HEMANTH KUMAR J
101	21S135024	IMMANUVEL A
102	21S135316	INTIPALLI SATYA SRIRAM
103	21S135376	IRAGANENI HEMANADHA REDDY
104	21S135128	JAGAN N
105	21S135249	JAGGAVARAPU VENKATA HARSHAVARDHAN REDDY
106	21S135475	JAKKA VENKATA VARA SIDHU NAIDU
107	21S135144	JALAY UJWALAA
108	21S139042	JALLI RAHUL
109	21S135063	JALLURI MANIKANTA NAGA VENKATESH
110	21s135444	JALUMURU VINEETH
111	21S139050	M JANANI
112	21S135093	JARISH J
113	21S135045	B JASWANT
114	21S135365	JAVVADI TARUN
115	21S131011	JAYA KARUNESH S
116	21S139047	JAYABHARATHI S

117	21S135202	JAYAKUMAR.T
118	21S131017	G JAYASURYA
119	21S135173	JEBARAJ J
120	21S135060	JEFFRIN J P



SATHYABAMA

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SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Appreciation

This is to certify that

Mr.ELANGO VAN A N P has successfully completed the Certified Course on Mastering C from on **17th Nov - 20th Dec 2022**, Completing 32 hours of Course organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Resource Person
Dr. S. Barani
Prof/School of EE

Coordinator
Dr. S. Poornapushpakala
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Coordinator
Dr. N. M. Nandhitha
Dean/School of EE

7. Mastering C



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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
organizes a certified course on
Value Added Course on
Mastering C

Course Contents (32 Hours)

- Introduction to C Programming
- Data types and Operators
- Controls and Loops
- Functions
- Arrays
- Structures and Unions
- Pointers
- Programming Practice

Course Outcome

- To develop coding using C Language
- To solve real world problems

Pre-requisite: Nil

Start Date : Jan 22, 2023
Duration : Monday - Friday 3.30 PM -4.30 PM
Venue : Circuits and Simulation Lab,EIE 2nd Floor
Eligible students: I ECE and I Aeronautical
(Only for Hostel Students)

CHIEF PATRONS
Dr. Mariazeena Johnson
Chancellor
Dr. Marie Johnson
President
Mr.J.Arul Selvam
Vice President
Ms.Maria Bernadette Tamilarasi
Vice President
Ms.Maria Catheirne Jayapriya
Vice President
Dr.T.Sasipraba
Vice Chancellor

PATRONS
Dr. E.Logashanmugam
Pro Vice Chancellor
Dr. G.Sundari
Director - Administration

CONVENORS
Dr. N.M.Nandhitha
Prof & Dean / School of EE
Dr. T.Ravi
Prof & Head / ECE

Course Co-ordinators
Dr.N.M.Nandhitha / ECE
Dr.S.Poornapushpakala /ECE

Resource Persons
Dr.N.M.Nandhitha / ECE
Dr.S.Barani/ ECE
Dr.S.Emalda Roslin / ECE
Dr.M.Subramoniam / ECE
Dr.V.Vedhanarayanan / ECE

Registration Link
<https://forms.gle/vRxcALinShFXnsf6>

List of Participants

SL.NO	ROLL NO	NAME OF THE STUDENT
1	22S135370	MUGILAN S
2	22S135314	MUHAMMAD FADIL SHAHUL HAMEED
3	22S135096	MUHESH A
4	22S135454	MUHIL VANNAN J S
5	22S135151	MUKESH. C. K
6	22S135203	MUKKANI R
7	22S135174	MULLAPUDI L V V S S M RAMA KRISHNA CHOWDARY
8	22S139008	MUMMANA NAGA DEVISRI
9	22S135294	MUSTI MANIKANTA HARI KRISHNA KAUSHIK
10	22S135471	MUTYALA ATHIRADH
11	22S135443	MYLAVARAPU SAI RAGHURAM
12	22S135420	NANDHAKUMAR P
13	22S139016	NANDHINEESWARI.B
14	22S131004	NANDHINI.G
15	22S135444	K NANDIKA
16	22S135397	DB NANTHICKA
17	22S135258	NARALASETTI UMESH SURYA KIRAN
18	22S135458	NARESH RAJA J
19	22S135086	C NAVEEN
20	22S135483	N NAVEEN KUMAR
21	22S135434	NAVEESHWAR B
22	22S135433	NEERAJ M
23	22S135380	NIKHIL R
24	22S135251	NIRAN NIKETHAN .J
25	22S135007	S NIRANJAN
26	22S135406	NIRMAL KUMAR V
27	22S135279	NIROSHA K
28	22S135441	NITESH S
29	22S135121	NITHISH NATARAJ E
30	22S135363	NIVEDHA A

31	22S135099	PACHAIYAPPAN C
32	22S139007	PANCHALA PAVAN MANIKANTA
33	22S135372	PARAMESHWARI. K
34	22S135234	PARASA NAGA KARTHIK
35	22S135076	PARTHEEPAN J
36	22S135158	PARTHIBAN M
37	22S135301	PASUPULETLAASRITHA
38	22S135056	PATHIPATI SUDHARSHAN NAIDU
39	22S135260	PAUL JEFFERY J
40	22S135340	J.PAVAN KALYAN
41	22S131016	PAVAN SAI E
42	22S135315	PAVISH M N
43	22S135493	PEPAKAYALA MOHAN KUMAR
44	22S135025	PITTI VENKATA ANJANI KRISHNA
45	22S135078	POGAKU VAIDEHI
46	22S131020	POLAKA.VENKATESWARLU
47	22S135354	R PRADEEP VASAN
48	22S135366	R.K.PRAGADEESWARAN
49	22S135381	PRAKADEESH.S
50	22S135322	PRAKTHISHA M.U
51	22S135202	PRANAVAGARAN B
52	22S135377	PRASANNIKAA S
53	22S135018	S PRASHANTH
54	22S135271	S PRATHIBAH
55	22S135138	PRAVEN O R
56	22S135122	PRIYA V
57	22S135209	PRIYADHARSHINI V
58	22S139002	PRIYADHARSHINI R
59	22S131014	BHETALAM PRIYANKA
60	22S135296	PULAPA MOHANA SAI
61	22S135074	PUTHETI HARI SUJITH
62	22S135171	PYLA MOHANSAI
63	22S135292	T RADHIKA
64	22S135040	RAHIN LYSON M
65	22S135116	RAHUL N

66	22S135219	RAHUL R
67	22S135221	RAHUL KRISHNAN
68	22S135274	RAHUL KUMAR R R
69	22S135182	RAJASEKAR M
70	22S135035	RAKEESH LIJO J
71	22S135110	RANJINI PRIYA J
72	22S135141	RANJITH G
73	22S135038	RASI VINAY
74	22S135227	RATHIL AARON G
75	22S135362	RAVURI RAHUL
76	22S135228	M. U. RAZIA
77	22S135152	REGAN M
78	22S138004	H RESHELA
79	22S135273	RESHMA S
80	22S139031	T RISHI ARAVINDAN
81	22S135079	RISHI SHANKAR P
82	22S135075	RISHI VALLIAPPAN N
83	22S135010	ROHAN KUMAR PAUL
84	22S135050	ROHITH S
85	22S135255	K.RUSHMITHA
86	22S135438	SABARIVASAN S
87	22S135456	SADANALA RAMALINGA ANIL
88	22S135187	SAI KRISHNA R J
89	22S135052	KOMMANA SAI PAVAN KUMAR
90	22S135392	K.R.SAI PRASANNA
91	22S135060	SAIRAM BASKARAN
92	22S135267	SAJITH A R
93	22S135299	SAKAMURI CHANDANA
94	22S135311	SAKTHIVEL S J
95	22S135402	SAKUPAR SADIQ A
96	22S135477	SAMARA CATHERIN JEYAKUMAR
97	22S135350	SANA AFRIN J
98	22S135223	SANATHKUMAR.K
99	22S135305	SANDHIYA.M
100	22S135383	M.B.SANGEETH

101	22S135132	SANJANA S
102	22S135358	SANJAY S
103	22S135068	SANJAY J A
104	22S135011	SANJEEV M
105	22S135324	S.SANNJAY KUMAAR
106	22S135161	SANTHIYA V
107	22S135327	S.SANTHOSH SHIVAN
108	22S135087	SARAN R
109	22S139010	SARANYA S
110	22S135415	S SARAVANAA
111	22SI31003	S.SAI BHARATH
112	22S139006	SARIKI BHUVAN CHANDRA KISHORE
113	22S135013	SARPAVARAPU BHARAT
114	22S135403	SATHISH K
115	22S135319	SATHIYASEELAN J
116	22S135032	SELVA M
117	22S135313	SELVARANJANI S
118	22S135176	SENTHOOR VEL T
119	22S135237	SHABASRI S
120	22S135386	SHAIK ALTHAF



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY



SCHOOL OF ELECTRICAL AND ELECTRONICS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Appreciation

This is to certify that

Mr.NIRMAL KUMAR V has successfully completed the Certified Course on Mastering C from on 2nd Jan - 5th Feb 2023, Completing 32 hours of Course organized by the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai.

Resource Person
Dr. S. Barani
Prof/School of EE

Coordinator
Dr. S. Poornapushpakala
Prof/School of EE

Coordinator
Dr. N. M. Nandhitha
Dean/School of EE

8.Value Added Course on Communication Using LabVIEW



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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SCHOOL OF ELECTRICAL AND ELECTRONICS
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes Value Added Course on
**Communication Using
LABVIEW**

Program Highlights :

- Students will learn from basic to intermediate Application Development
- Students will be able to do their mini projects on their own
- Students will gain great ideas about how to crack NI GLOBAL Certification
- Students will learn about industrial requirements

Contents :

Duration :
30 Hrs
2.2.2023 onwards
(Tues & Thu)

Time:
3:15 - 5:15 pm

Using LabVIEW

- Amplitude Modulation
- DSBSC Modulation
- SSBSC Modulation
- Frequency Modulation
- FDM, ASK, FSK
- PSK, QPSK
- **Mini project**

Introduction to myDAQ

- Introduction to myDAQ
- AM using myDAQ
- FM using myDAQ
- PAM using myDAQ
- PWM using myDAQ
- PPM using myDAQ
- ASK using myDAQ
- **Mini project**

Introduction to LabVIEW environment

- Graphs & Charts, Sub VI
- Loops, Feedback Node
- Case Structure
- Arrays, Clusters
- **Mini project**

Patrons

Conveners
Dr.N.M.Nandhitha, Dean, SoEE
Dr.T.Ravi, HoD, ECE

Organizers
Dr.V.Vijaya Baskar, Professor
Dr.R.Narmadha, Assoc. Prof.
Dr.Krishna Prasanna, Asst. Prof.
Dr.M.S.Godwin Premi, Professor
Dr.A.Aranganathan, Assoc. Prof.
Dr.L.Megalon Leo, Asst. Prof.

Dr.T.Sasipraba
Vice Chancellor
Dr.E.Logashanmugam
Pro Vice Chancellor
Dr.S.S.Rao
Registrar
Dr.B.Ignl Sabasti Prabu
Controller of Examinations
Dr.B.Sheela Rani
Director Research
Dr.C.Sundari
Director-Admin

Chief Patrons
Dr.Mariazeena Johnson
Chancellor
Dr.Marie Johnson
President
Mr.J.Arul Selvan
Vice President
Mrs.Maria Bernadette Tamilarasi
Vice President
Ms.Maria Catherine Jayapriya
Vice President

Session Plan

Topics to be covered	No. of Hours
INTRODUCE LABVIEW ENVIRONMENT	1
GRAPHS & CHARTS:	1
LOOPS:	1
WHILE LOOP:	1
FEEDBACK NODE: SHIFT REGISTER:	1
CASE STRUCTURE:	1
ARRAYS:	1
CLUSTERS:	1
Example programs Using LabVIEW	1
Mini Project 1	2
Amplitude Modulation using LabVIEW	1
DSBSC Modulation using LabVIEW	1
SSBSC Modulation using LabVIEW	1
FM using LabVIEW	1
FDM using LabVIEW	1
ASK using LabVIEW	1
FSK using LabVIEW	1
PSK using LabVIEW	1
QPSK using LabVIEW	1
Miniproject 2	1
Introduction to myDAQ	2
Generation Of Amplitude Modulation And De- Modulation using myDAQ	1
Generation Of Frequency Modulation using myDAQ	1
Pulse Amplitude Modulation(PAM) using myDAQ	1
Pulse Width Modulation (PWM) and Pulse Position Modulation(PPM) using myDAQ	1
Generation of Amplitude Shift Keying (ASK) using myDAQ	1
Miniproject 3	2



Course Outcome:

This course gives basic knowledge on LabVIEW environment and all the Basic communication terms using LabVIEW

List of Participants

SL.NO	ROLL NO	NAME OF THE STUDENT
1	21S135346	NALLAGORLA KOTAIAH BABU
2	21S135130	NALLAMILLI RAMA REDDY
3	21S135201	NANDIGAMA KEERTHI AVINASH
4	21S135495	NANDIVADA SHYAM SUNDAR RAJ
5	21S135288	NARASIMMAN S
6	21S135524	NARESHINI T
7	21S135244	NARRA LEELA VENKATA TANUJA
8	21S139026	NAVEEN GANAPATHY S
9	21S135290	NAVEEN KUMAR S
10	21S135205	NAVEEN KUMAR S
11	21S135516	NAVEETH M
12	21S135265	N NAVYA RACHEL
13	21S135211	NEELAM HEMANTH KUMAR
14	21S135285	NEERUKATTU SATHISH
15	21S135345	NERALLA RAVIKUMAR
16	21S135098	NIRANJAN KARTHICK G V
17	21S139068	NIROSHA
18	21S135298	NISHANTH G
19	21S135188	NITESH SHARAN P
20	21s135399	NITHESH.S
21	21S135354	NULAKA ADINAIDU
22	21S135347	NUNE SIVA RAMA KRISHNA
23	21S135491	OBULAREDDY NRUSIMHA KOUSHIK
24	21s135393	PAIDI SAI SUJITH NAIDU
25	21S135506	PAILA PRASANNA KUMAR
26	21S135469	PAKALAPATI ABHIRAMA RAJU
27	21S135164	PALAGANI KUSUMA
28	21S135487	PALATHERDAM SAI KUMAR
29	21S135369	PAMULURU AKHILA
30	21S135373	PAMULURU SAIEESH REDDY
31	21S135396	PAPISETTY SUDHEER
32	21S135447	PARASA GAYATRI DEVI
33	21S135336	PARASA.GNAN NAGA SAI VIKAS
34	21S135454	PARCHURI HARI PRANEETH
35	21S135456	PARIMI CHAITANYA SAI

36	21s135426	PASUPULA MANOHITH
37	21S135247	PATAN RIYAZ
38	21S135273	PATHAKAMURI YUGADEEP
39	21S135461	PATTAPURAJU SAI KIRAN
40	21S139061	K PAVITHRA
41	21S139058	B PAVITHRA
42	21S135371	PEDADA TARUN VARMA
43	21S135014	PENUJURI GIRISH
44	21S135366	PILLA UDAY PHANINDRA
45	21S135148	PILLA PAVAN
46	21S135132	PILLI AMARNATH
47	21S135090	PILLI ASHOK KUMAR
48	21S135248	PINDIKURI LIKHITHA REDDY
49	21S135383	PODAPALA VENKATA GOPALA KRISHNA REDDY
50	21S135308	POLLA VAMSI KIRAN
51	21S135344	POLNEDI GOPI KRISHNA
52	21S135026	POLUPARTHI SAI VISWA TEJA
53	21S135294	PONDURI ANVESH
54	21S135189	PONNADA BALA KOUSIK
55	21S135124	POOJA SREE B
56	21S135091	POTHULA SHARATH SANTHOSH
57	21S135312	POTHULA YAMINI
58	21S135359	POTHURI SURYA
59	21S135118	POTLURU PENCHALA ESWAR
60	21S135368	POTU MOHANA LAKSHMI PRAVALLIKA
61	21S135139	POUDAPALLY SRIJA
62	21S135194	PRADEEP
63	21S135386	PRAGADA NAGA DURGA PAVAN
64	21S135385	S PRANAV
65	21S135137	PRANAV L
66	21S139030	PRARTHANA A
67	21S131021	PRASADH P
68	21S135299	PRASENNA C
69	21s135394	PRASHANK.PATIBANDLA
70	21S135196	M.PRASHANTH NAIDU
71	21S135305	S T PRAVEEN KUMAR
72	21S135069	PRAVEEN KUMAR M
73	21S135187	PRISHA S ZEPHAN
74	21S135317	PRITHVI PRATAP
75	21S139033	PRIYA P



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certification of Completion

This is to certify that

HARINI G from Sathyabama Institute of Science and Technology has successfully completed the value added course on "**Communication Using Labview**" from 2.2.2023 to 18.2.2023 organized by department of Electronics and Communication Engineering, School of Electrical and Electronics, Sathyabama Institute of Science and Technology, Chennai.

Head of the Department
Dr. T. RAVI

Prof & Dean
Dr. N. M. Nandhitha

9. Experimental Learning of Data Structures through C Programming



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SCHOOL OF ELECTRICAL AND ELECTRONICS

Department of Electronics and Communication Engineering
Experimental Learning of Data Structures through C Programming

Date: 13.03.2023 to 18.03.2023(9.00AM - 3.15 PM)

Program Content	Resource Persons
- Array Handling - Operations in Stack and Queue - Recursive Functions - Searching and Sorting - Linked List	- Dr. N. M. Nandhitha - Dr. S. Emalda Roslin - Dr. S. Barani - Dr. N.R.Krishnamoorthy - Dr. M.A. Muthiah

CHIEF PATRONS Dr. Mariazeena Johnson Chancellor Dr. Marie Johnson President Mr. J. Arul Selvan Vice president Ms. Maria Bernadette Tamilarasi Vice president Ms. Maria Catherine Jayapriya Vice president	PATRONS Dr. T. Sasipraba, Vice Chancellor Dr. E. Logashanmugam, Pro Vice Chancellor Dr. G. Sundari, Director- Administration	CONVENORS Dr. N. M. Nandhitha, Prof. & Dean / SoEE Dr. T. Ravi, Head/ ECE ORGANIZERS Dr. N. M. Nandhitha, Prof. & Dean / SoEE Dr. S. Emalda Roslin, Prof. /ECE
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E-Certificate will be provided to all participants

Session Plan

Topics to be Covered	No. of Hours
Array Handling	6
Operation in Stack and Queue	6
Recursive Functions	6
Searching and Sorting	6
Linked List	6

Course Outcome:

At the completion of the course the students can Understand basic data structures such as arrays, linked lists, stacks and queues also apply Algorithm for solving problems like sorting, searching, insertion and deletion of data with the help of C programming.

List of Participants

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1	22S135359	A.AARTHI
2	22S135198	ABHINAV HARSHAN A B
3	22S135002	ABHISEK J
4	22S135384	B ABILESH BAXI
5	22S135265	ABINAYA S
6	22S131015	ABINESH P J
7	22S135124	A ABIRAM
8	22S135029	ABISHEK G
9	22S135337	ABISHKAR.M
10	22S139030	ABUL HASAN. M
11	22S135442	B N ADARSH
12	22S131021	ADDA HVSN MARUTHI SRIKAR
13	22S135423	K S ADHITH
14	22S135102	ADHITHYA V
15	22S135117	ADHITHYASIVA M
16	22S135026	ADHVAITH S
17	22S135059	ADIRAJU PHANI TEJA
18	22S135450	ADIREDDI KARTHIKEYA
19	22S135236	ADITHYA.M
20	22S135069	ADITI SINHA
21	22S139022	AIFOONA J

22	22S135090	AJAYKUMAR P
23	22S135216	AJAYPRADEEP.K.V
24	22S139026	AKASH S
25	22S135106	AKHILESHWARAN V
26	22S135145	AKSHAYA S
27	22S135165	ALEX JESLIN A I
28	22S135303	ALLAMI R
29	22S135414	AMAR PRAKASH
30	22S135148	ANANDAM SAI PUNEETH
31	22S135449	ANAPU RAJESH
32	22S135225	ANBARASU.G
33	22S135100	ANBAZHAGAN M
34	22S135351	ANDHE AKHILA REDDY
35	22S135157	ANDREW GLENN J
36	22S135491	ANTHONYA CRUZ REGITHA R
37	22S135466	ANTO VIJITH V
38	22S135154	ANUMULA SAI KUMAR
39	22S135284	R.ANURAG
40	22S135276	ANUSHREE M
41	22S139005	ANUSIYA P
42	22S135281	ARAVINDHAN.C
43	22S135224	ARAVINTHA KUMAAR R.K
44	22S135159	AREPALLI RANJITH KUMAR
45	22S135105	ARIHARASUDHAN D
46	22S135199	ARUL PRAKASH A
47	22S135015	V ARUN SURENDRHIRAN
48	22S135063	ARURU GNANESWAR REDDY
49	22S135240	ARYA ANIL
50	22S135184	ASWIN G
51	22S135342	ASWIN R
52	22S135229	ASWINVISHAL.A
53	22S135339	ASWINI.I
54	22S135253	ATCHYUTA SRIRAM GADA
55	22S135476	BACHU NIVEDITHA
56	22S135451	BADDIREDDY SATYAJAGADEESH

57	22S135242	BADUGU PRUDHVINATH
58	22S135175	BAGAVATH RAAM N S K
59	22S135173	S. BALACHANDAR
60	22S135489	BALASUBRAMANIAN A
61	22S135378	BALUSU.SRIRAM
62	22S135277	BANDLA PRUDHVI
63	22S135191	BAPITHA.A
64	22S135336	BARANIDHARAN G
65	22S135190	BAVITHRA.A
66	22S138001	BENEDICT ROY S
67	22S135307	R J BENJAMIN ROBERT
68	22S135103	BENNY HIN R
69	22S135419	BERLIN V
70	22S135428	BETHAPUDI NAVEEN PRAKASH
71	22S135107	BHARADHAN P
72	22S135244	BHARANI DHARAN.T
73	22S135323	BHARANIDHARAN R
74	22S135019	P BHARAT
75	22S135131	BHAVENTHAN R
76	22S135364	BHAVYA BV
77	22S135394	T S BHUVANESHWARAN
78	22S139024	BHUVANESHWARI P
79	22S135066	BHUVANESHWER S
80	22S135034	BILLE NARENDRA
81	22S135445	BODDU LAXMAN LOKESH
82	22S135446	BODDU SRIRAM RAKESH
83	22S135412	BOLLA SRIRAM NARASIMHA CHOWDARY
84	22S135126	BOMMAREDDY PRAVEEN REDDY
85	22S135361	A CANALIGA
86	22S135185	CARAL MARKS. G
87	22S135077	CHANDRASEKAR T
88	22S135385	CHARVY AMRISHA.J
89	22S135269	CHEDUGUNDI VINAY
90	22S135239	CHENNURI PAVAN KUMAR

91	22S135259	CHETHANA P
92	22S135408	CHIDIPUDI VIJAYAVARDHAN REDDY
93	22S135431	CHILAKALA AJAY MAHESWARA REDDY
94	22S135061	CHIRANJEEVI S
95	22s135376	CHITTUMURI NARENDRA BHUPAL
96	22S135162	CLAMANT TITUS C M
97	22S135196	DANIEL STANLYRAJ.X
98	22S135291	DARRSHINI V B
99	22S135057	DARUR NANDA GOPAL
100	22S135326	DASHWANTH . P
101	22S135179	DAVID VIMAL RAJ.S
102	22S135390	DEBADATTA BHOWMIK
103	22S135088	DEEBIKA G
104	22S135112	DEEPAK R
105	22S135043	DEEPAPRIYAA T
106	22S139027	DEEPIKA K
107	22S135416	DEEPIKA G
108	22S135082	DEEPIKA KUMARI
109	22S139013	DHAMINI M J
110	22S131017	M DHANUSH
111	22S135249	DHANUSH MOORTHY M
112	22S135062	DHARSHAN K
113	22S135286	DHARUN RAJ R
114	22S135194	DHEERAJ .T
115	22S135150	DHIVYA R
116	22S135393	DILLI GANESH M
117	22S135024	M DINESH
118	22S135012	DINESH KANNAA R C
119	22S135410	DINESH KUMAR R
120	22S139020	DIVYA R
121	22S135257	DIVYASRI S
122	22S131008	DORANALA SATHWIK SARMA
123	22S135496	DOREPALLI UDAY KUMAR
124	22S135356	DUPPALA NEERAJ ARJUN NAIDU

125	22S135332	DWARAMPUDI RAJENDRA SAI REDDY
126	22S135144	EDDALA CHARAN
127	22S139029	EVANGELIN SELVARASI. D
128	22S135298	EZHILAN A.R
129	22S135004	FARHATH JABEEN N
130	22S135212	VARUN SIDDHARTH GADAMSETTI





10. Experimental Learning of Data Structures through C Programming



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SCHOOL OF ELECTRICAL AND ELECTRONICS
Department of Electronics and Communication Engineering
Experimental Learning of Data Structures through C Programming

Date: 20.03.2023 to 25.03.2023(9.00AM - 3.15 PM)

Program Content	Resource Persons
- Array Handling - Operations in Stack and Queue - Recursive Functions - Searching and Sorting - Linked List	- Dr. N. M. Nandhitha - Dr. S. Emalda Roslin - Dr. S. Barani - Dr. N.R.Krishnamoorthy - Dr. M.A. Muthiah

CHIEF PATRONS

Dr. Mariazeena Johnson
Chancellor

Dr. Marie Johnson
President

Mr. J. Arul Selvan
Vice president

Ms. Maria Bernadette Tamilarasi
Vice president

Ms. Maria Catherine Jayapriya
Vice president

PATRONS

Dr. T. Sasipraba,
Vice Chancellor

Dr. E. Logashantmugam,
Pro Vice Chancellor

Dr. G. Sundari,
Director- Administration

CONVENORS

Dr. N. M. Nandhitha, Prof. & Dean / SoEE
Dr. T. Ravi, Head/ ECE

ORGANIZERS

Dr. N. M. Nandhitha, Prof. & Dean / SoEE
Dr. S. Emalda Roslin, Prof. /ECE

E-Certificate will be provided to all participants

List of Participants

SL.NO	ROLL NO	NAME OF THE STUDENT
1	21S131015	JEFRIN KENNEDY J

2	21S135246	JEMEEL RAKEES A
3	21S135218	JESL G
4	21S139052	C JEYA KANAGA LAKSHMI
5	21S135180	JIBU ALEX KOSHY
6	21S135310	JINKALA VENKATA SIVANI
7	21S135274	JONNALAGADDA ESWAR
8	21S135199	JONUBOYINA RAMESH
9	21S131010	KACHANA SISEENDRA REDDY
10	21s135391	KADAMBALA GAUTAM
11	21S135327	KADAPPAGARI VENUMADHAV
12	21S135042	KADIRE YASHWANTH REDDY
13	21S135370	KADIYALA SOMESWAR
14	21S135048	KADIYALA SRI HARI
15	21S135254	KAILAS V RAJENDRAN
16	21S135276	KAKANI PRANEETH
17	21S135102	KALACHARLA VENKATA SAI
18	21S135260	KALAGARLA SANATH KUMAR
19	21S135261	KALAGARLA YASWANTH KUMAR
20	21S135230	KALAVALA HAREESH
21	21S135474	KALAVAPUDI SAI ABHINAY KASHYAP
22	21S135463	KALLA RAVI TEJA SAI SATYANARAYANA
23	21S135215	KALPANA SRI D
24	21S135070	KAMALESHWER M
25	21S135012	KAMALI K
26	21S135272	KAMBAN T G K
27	21S135047	KAMESH S
28	21S135470	KANDUKURI GNANESWAR REDDY
29	21S135184	KANDULA ARAVINDU REDDY
30	21S135237	KANDULA VENKATA BHARGAVA REDDY
31	21S135031	KANIGOLLA RAMA SAI AVINASH
32	21S135262	KANMANI RM
33	21s135416	KANNEBOINA LOKESH
34	21s135414	KANNEBOINA VENU PRASAD
35	21S135429	KARAMALA VENUSAGAR
36	21S135241	KARNATI SURYA PRAKASH REDDY
37	21S135227	KARRI SREE VARSHINI
38	21S135551	KARTHICK R
39	21S139062	R.KARTHIGA
40	21S139035	V KARTHIK

41	21S135057	KARTHIK KAMESHWARAN M
42	21S135041	KATTA GOWTHAM GANESWARA SWAMI
43	21S135348	KATTA KOWSHIK REDDY
44	21S135023	KAVYA M
45	21S135315	A.KAVYA SREE
46	21S135135	KIRAN KUMAR G
47	21S135072	KISHORE G
48	21S131020	KISHORNATH A
49	21s135331	KODALI SAI DILEEP
50	21s135434	KODAVATI HEMANTH DURGA PAVAN KUMAR
51	21S139049	S KOKILA
52	21S139005	KOKILA S
53	21S135486	KOLA THAPAN SATYA MADHAV
54	21S135156	KOLIPARTHI NAGA SRAVYANTH
55	21S135526	KOLLI MADHAVA REDDY
56	21S135448	KOLLURI KRISHNA PRASAD
57	21S135466	KOMMADDI SREE AKARSH
58	21S135520	KONCHA BHARATH KUMAR REDDY
59	21S135193	KONCHADA RAKESH
60	21S135453	KONDAPURAM HARIKIRAN REDDY
61	21S135483	KONDE MANIKANTA
62	21S135326	KOOLLA SRIKAR
63	21S135361	KOPPARAPU BHARATH
64	21S135195	KORRA SAI KIRAN
65	21S135330	KORUKONDA PAVAN KUMAR
66	21S135107	KOTTANA SATYA SWAROOP
67	21S135171	KOWTARAPU HARISH
68	21S135085	J KRISHNA NIVASH
69	21S135449	KRISHNANUJA DATTA
70	21s135417	KSHATRIYA SANTHOSH KUMAR SINGH
71	21s135405	KSIHORE E
72	21S135424	KUCHIPUDI VENKATESH
73	21S135222	KUKATLA GOPI KRISHNA
74	21S135163	KUMARAN G
75	21S135471	KURRA NAVEEN KUMAR
76	21s135427	KURUVA BHARATH KUMAR
77	21S135077	LAKSHANYA S
78	21S135168	T S LAKSHMAN CHAITHANYA
79	21S135356	LALITHA SUCHARITA MANGALI

80	21S139004	LEKHASRI V
81	21S135049	LEVI DANIEL T
82	21S135319	LINGALA BHARATH SIMHA REDDY
83	21S135040	LITHIKA R J
84	21S135358	LOGESHWAR K
85	21S135505	N LOHITH
86	21S139018	LOKESHWARI P
87	21S135375	LOLABHATTU S S A. BHUJANGA RAJU
88	21S135462	MADDIRALA HARSITH KUMAR
89	21S139003	MAGESWARI P
90	21S135225	MAHANANDI KARTHIKREDDY
91	21S135190	MAHESH G
92	21S135208	MALLA JEEVAN KUMAR
93	21s135441	MALLIDI BHARGAV CHOWDARY
94	21S135360	MALLISETTY KARTHIK
95	21S135213	MANCHALA VINAY KUMAR
96	21S131018	MANCHIKALAPATI SIVAPRIYA
97	21S135019	MANDAVA ESWAR
98	21S135489	MANIKANDAN S
99	21S135011	MANIKANTA SAI TEJA GUNDAVARAPU
100	21S135044	MANOJ N
101	21S135080	MANOJ S
102	21S139019	MARADANI JAYANTH DATHA
103	21S135342	MARISETTY NAGA JEEVESH RANJAN GOUD
104	21S135421	MARREDDY. NIKHIL KUMAR REDDY
105	21S135280	MARRI SREE HARSHA
106	21S135183	MARSTON CHRISTOPHER JEFFRIES
107	21s135435	MASARAM RAVI KIRAN
108	21S135428	MATTA.NARENDRA
109	21S135481	MAYANK SINHA
110	21S135036	MAYUR RAVIKUMAR SUDIKSHA
111	21S135542	MEDAM SRIJA
112	21S135256	MEDAPATI HEMANTH SATYANARAYANA REDDY
113	21S135106	MEDICHERLA VENKATA SRI SATYANARAYANA REDDY
114	21s135445	MEESALA SAI BALA SURYA TEJASVI
115	21S135251	MEESALA SWATHI
116	21S135138	D MEGHA
117	21S135122	MELVIN JOSHUA R
118	21S135503	MERLIN S

119	21s135442	MINUMANURI KOTLO HEMALATHA
120	21S135271	MINUMANURI KOTLO KRISHNA VAMSHI
121	21s135439	MODHUGU PALEM KALYAN SAI REDDY
122	21S139045	MOGULURI PRAVEEN
123	21S135061	MOHAMMED MUZZAMMIL A
124	21S135073	MOHAMMED SUHAIL A
125	21S139067	MOHANA K R
126	21S135079	MOLAKALAGIRI SAI SIVA PRASAD
127	21S135104	MONIKA SRI K
128	21S135549	MONISH P
129	21S135120	MONISH TEJ S
130	21S135349	MOULEESHWARAN S
131	21S135203	MOUNABRATA BAIDYA
132	21S135095	MUCHIVOLU NANDA
133	21S131024	MUDETHULA SRI DHANUSH
134	21S135127	MUGA BHUVANESWAR REDDY
135	21S135108	MUKESHWARAN B
136	21S135392	MUKKALA SHIVA SAI
137	21s135397	MULE HEMANTH REDDY
138	21S135477	MUNGARA NAGAVIGNESH
139	21S139020	MUSTIPALLE VASAVI
140	21S135015	MUTTALA SASHANK REDDY
141	21S135289	MYCHARLA SANJAY
142	21S135021	MYDUKURU ABHIGNA
143	21S135293	MYLAPALLI BHANU PRASAD
144	21S135488	NADUKUDUTHI PRANEETH
145	21S135226	NAGA BABU GADHAMSETTI
146	21S135051	NAGAPPAGARI RAKSHITHA
147	21S135340	NAGILLA TEJASREE
148	21S135032	NAGIREDDY KRISHNA SATYA PAVAN
149	21S135450	NALLABOTHULA VINAY CHOWDARY
150	21S135154	NALLAGONDU CHANDU KUMAR REDDY



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
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Accredited with Grade "A++" by NAAC | 12B UGC | Approved by AICTE



SCHOOL OF ELECTRICAL AND ELECTRONICS

Department of Electronics and Communication Engineering

Certification of Completion

This is to certify that

KALAVALA HAREESH from Sathyabama Institute of Science and Technology has successfully completed the value added course on **"Experimental Learning of Data Structures Through C Programming"** from 03.04.2023 to 30.04.2023 organized by department of Electronics and Communication Engineering, School of Electrical and Electronics, Sathyabama Institute of Science and Technology, Chennai.

Head of the Department
Dr.T.RAVI

Convenor
Dr.S.Emalda Roslin

Prof & Dean
Dr.N.M.Nandhitha

11. Experimental Learning of Data Structures through C Programming



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SCHOOL OF ELECTRICAL AND ELECTRONICS

Department of Electronics and Communication Engineering

Experimental Learning of Data Structures through C Programming

Date: 27.03.2023 to 01.04.2023(9.00AM - 3.15 PM)

Program Content	Resource Persons
- Array Handling - Operations in Stack and Queue - Recursive Functions - Searching and Sorting - Linked List	- Dr. N. M. Nandhitha - Dr. S. Emalda Roslin - Dr. S. Barani - Dr. N.R.Krishnamoorthy - Dr. M.A. Muthiah

CHIEF PATRONS Dr. Mariazeena Johnson Chancellor Dr. Marie Johnson President Mr. J. Arul Selvan Vice president Ms. Maria Bernadette Tamilarasi Vice president Ms. Maria Catherine Jayapriya Vice president	PATRONS Dr. T. Sasipraba, Vice Chancellor Dr. E. Logashanmugam, Pro Vice Chancellor Dr. G. Sundari, Director- Administration	CONVENORS Dr. N. M. Nandhitha, Prof. & Dean / SoEE Dr. T. Ravi, Head/ ECE ORGANIZERS Dr. N. M. Nandhitha, Prof. & Dean / SoEE Dr. S. Emalda Roslin, Prof. /ECE
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E-Certificate will be provided to all participants

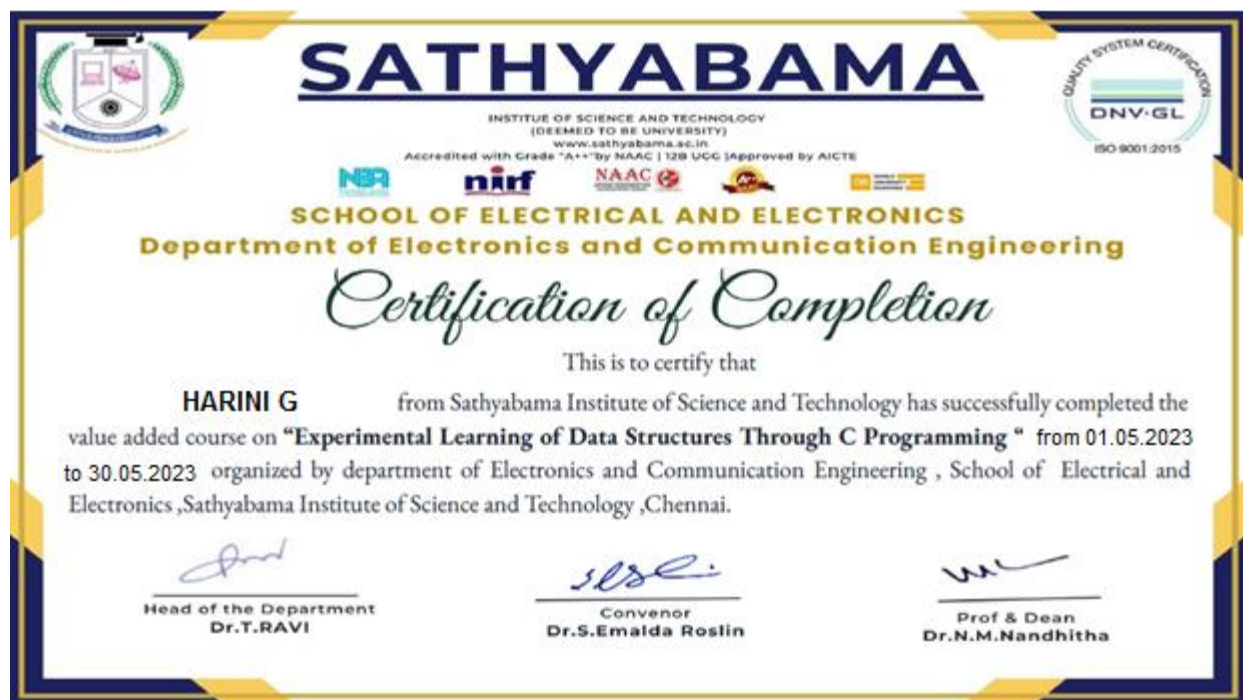
List of Participants

SL.NO	ROLL NO	NAME OF THE STUDENT
1	22S135316	GAJENDRAN K
2	22S135183	GANESH KUMAR S
3	22S135389	GANGALA PRANEETH
4	22S135448	GANGUMALLA MANISH REDDY
5	22S135205	R. GAURAV
6	22S135344	A. GAYATHRI
7	22S135369	GEESALA BALAJI
8	22S135098	GOKUL R
9	22S135320	R A GOKUL
10	22S135243	GOKUL J
11	22S135495	GOKUL VIGASH. J
12	22S135045	GOKULAKRISHNAN S
13	22S135347	GOKULNATH V
14	22S135254	GOKULNATH V
15	22S135373	T.GOKUL SHARMA
16	22S139015	GOPIKA.M
17	22S135374	GORLA VEERA VENKATA SAI MANOJ
18	22S135261	NAVEEN GOSU
19	22S135166	GOUTHAM. T
20	22S135409	GOUTHAM D
21	22S135318	GOWRA BHARAT
22	22S135084	GUNA K
23	22S135355	GURU IYAA R
24	22S135245	GURUBARAN. B
25	22S135091	HARIHARAN S
26	22S135231	HAARISHWARAN G
27	22S135006	HANNA ELSA JAIJU
28	22S135192	HARI AKASH V S
29	22S135497	HARIHARAN S
30	22S139023	HARIHARAN. K
31	22S135551	M HARIHARAN
32	22S135094	HARINI G

33	22S135343	HARINI D
34	22S135453	HARINI S
35	22S135467	HARINI S
36	22S135119	HARISH S
37	22S135460	Y. HARISH COLEPH
38	22S135306	HARISH KRISHNA A
39	22S135341	P.V.N.HARSHA
40	22S135188	HARSHAVARTHINI J R
41	22S135111	HAZIQ ADNAN A
42	22S135156	HEMAVARTHINI. M
43	22S138002	IMMACULATE AISHWARYA F
44	22S135485	S INDU SREE
45	22S139003	INDUMATHI.M
46	22S135104	INJAVARAPU GOWRI SHANKAR
47	22S135230	JAI SURYA. E
48	22S135153	JAIGANESH V
49	22S135247	JAIGANESH V
50	22S135101	JANAARTHANAN K C
51	22S135379	JANNI NITISH GOMANGO
52	22S135436	JARINA. J. A
53	22S135093	JAYAPRASATH S
54	22S135020	JAYAPRAKASH J
55	22S135114	JAYASRI M
56	22S135400	JAYAVARDHAN YELAMANCHILI
57	22S135003	R K JEEVABHARATHI
58	22S135432	JEEVANANTHAM.M
59	22S135482	JENISH. B
60	22S135455	JIDUGU SAI
61	22S135293	JISHNU JAYANTH K
62	22S135044	JONNA LAKSHMI SAI
63	22S139018	JOY BLESSY R
64	22S131005	JYOTHIRMAYEE A S
65	22S135353	KAFFIN MAX WELL R
66	22S135065	KAGITA SAPPIRA
67	22S135297	KAKARLA DORA BABU CHOWDARY

68	22S135054	KAKE VARSHINI
69	22S135058	KAMBALA NARENDRA KUMAR
70	22S135133	S KAMESH
71	22S135418	KANDRICK SINGH N
72	22S135022	KANISHYA B S
73	22S135429	KANNEBOINA MADHU
74	22S135272	KARTHIK V
75	22S135235	KARTHIKA RAMASAMY SENTHILKUMAR
76	22S131009	KARUTURI VARSHITHA
77	22s135178	KATAKAMVARIPALLI SHAIK MOHAMMED AKRAM
78	22S135127	KATHIRESH T
79	22S135241	KEERTHI VASAN S
80	22S135404	KEERTHIESHVAR T R
81	22S135164	KHAVIN K J
82	22S131007	KISHORE R K
83	22S135289	KISHORE KUMAR S
84	22S135226	SRI RAMA ANUDEEP KOMPELLA
85	22S135213	KOTAPATI DEEPIKA
86	22S135014	KOUSHIKA R
87	22S139001	KOUSHIKA V
88	22S135186	KRANTHI KUMAR P
89	22S135128	KRITHIK ARUN J
90	22S135479	KUPPAGIRI. AVINASH REDDY
91	22S135421	LAKSHMI PRASAD K
92	22S135016	LALITH KUMAR K
93	22S135280	LALITH VISHNU V
94	22S139009	LATCHAKA R K
95	22S135042	LAVANYA V
96	22S135484	LEELA YASWANTH A
97	22S135146	P LILIAN
98	22S135413	LINGESWARAN A
99	22S135388	LOGAPRIYA J
100	22S135021	LOGESHWAR H
101	22S135143	LOGESHWARAN L

102	22S135080	MACHEPALLI VENKATAKALYAN
103	22S135387	MADDULA ABHISHEK
104	22S135478	MADELIENE JENNILIA .M
105	22S135137	MADESH.S
106	22S135005	MADHAVAN M
107	22S139021	MADHUMITHA S
108	22S135023	MADHUMITHA M
109	22S139017	MADHUVARSHINI.V
110	22S135317	MAHALAKSHMI A
111	22S135181	MAHENDRAN S
112	22S131018	CHINNA THIMMIREDDIGARI MAHESH REDDY
113	22S135338	MALAR VIZHI.A
114	22S135071	MANASA M
115	22S135085	MANIKANDAN P
116	22S135009	MANISH M
117	22S135300	MANISH T
118	22S135395	MANJUSHREE S
119	22S135375	MANNE.GANESH KANAKARAO
120	22S135440	MANOJ M
121	22S135488	MANOVA PRASENNA RAJ D
122	22S135465	MANUSANI NAGENDRA SHETTY
123	22S135492	MEDIDINNE SIVA
124	22S135430	MEDIKONDA PRASHANTH
125	22S135028	M MITHUN
126	22S135206	V.M.MOHAMED ARSHATH
127	22S131006	MOHAMED FAWAZ D
128	22S135310	MOHAMMED ATHEEB M
129	22S135189	MOHAMMED IMRAN I
130	22S135256	HM MOHAMED MARZOOQ



12. Physical Custom IC Design



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ORGANIZES VALUE ADDED PROGRAM
ON

"Physical Custom IC Design"

(For ECE Final Year Hostel Students)

04.01.2023 to 31.01.2023

TIME: 3.15PM TO 4.30PM

Course Content	Resource Persons	Course Outcomes
• Introduction to Physical Custom IC Design • Design Entry and Schematic Capture • Layout Design and Floorplanning • Physical Verification and Design Rule Checking	Dr. T. Ravi Dr V Balamurugan Dr Mathan N Dr Muthiah. M. A Ms Shamini G I	At the end of the course students can able to • Use Mentor Graphics tool for Physical Custom IC design • Understand the physical design Flow • Create and optimize custom IC layouts

Chief Patrons	Register @	Venue @
Dr. Mariazeena Johnson, Chancellor Dr. Marie Johnson, President Mr. J Arul Selvan, Vice President Ms. Maria Bernadette Tamilarasi, Vice President Ms. Maria Catherine Jayapriya, Vice President	bit.ly/pc_icd23	VLSI DESIGN LAB (ECE Dept. Second Floor)

Patrons	Conveners	Organizers
Dr T Sasipraba, Vice Chancellor Dr. E. Logashanmugam, Pro Vice Chancellor Dr. G. Sundari, Director-Administration	Dr. N. M. Nandhitha, Dean, School of EE Dr. T. Ravi, HOD, ECE	Dr. T.Ravi, HOD, ECE Dr. Mathan. N, AP, ECE Dr. Muthiah. M. A, AP, ECE Ms .Shamini.G.I, AP, ECE

e-Certificate will be issued for all Participants

Session Plan:

Session	Topics to be covered	No. of Hours
1	Introduction to VLSI : Overview of VLSI Back End flow, Introduction to IC fabrication process, Design rules and physical design constraints, Basic concepts of physical design automation tools	6
2	COMS Device Fundamentals: Introduction to CMOS technology, MOS transistor theory and characteristics, CMOS inverter and logic gates, Scaling principles in VLSI technology	6
3	VLSI Layout Design : Introduction to layout design rules and guidelines, Stick diagrams and symbolic layout, Layout styles: standard cell, gate array, and FPGA, Hands-on layout design using CAD tools	5
4	VLSI Circuit Simulation: Introduction to SPICE simulation, Transient, DC, and AC analyses, Monte Carlo analysis for process variations, Noise analysis and reliability considerations	5
5	VLSI Physical Verification: Design rule checking (DRC), Layout vs. schematic (LVS) verification, Parasitic extraction and simulation, Tapeout preparation and foundry interactions	5
6	VLSI Project: A substantial project involving complete VLSI back end flow, Students design and simulate a small-scale chip, Emphasis on practical implementation and problem-solving	5

Course Outcome:

After completing this course, the students will be able to, Draw a flow diagram of the entire design flow and explore the entire ASIC design flow process, Identify the distinction between Digital IC design, verification, and implementation, Recognize the different stages of front-end design and verification

List of Participants

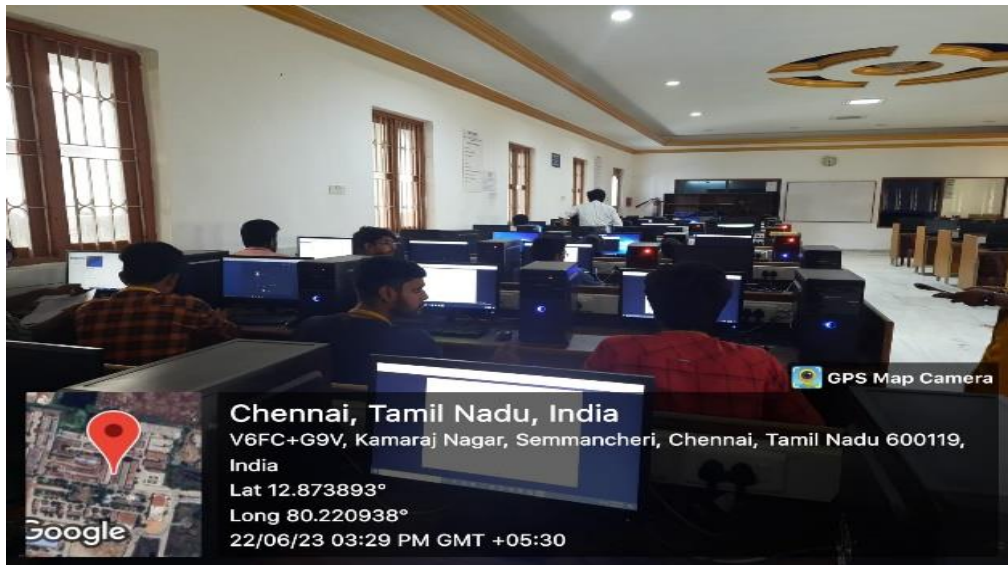
SL.NO	ROLL NO	NAME OF THE STUDENT
1	19S135068	KURAPATI SHAKTHI NAGA GOPI. K
2	19S135807	KURUGUNTALA NISHANTH SAI
3	19S135575	KURUVA ABHIRAM
4	19S135162	LAGGISETTY BHAVISHYA RAYAL
5	19S135028	LAKSHAYA. J. J
6	19S135831	LAVULURI HARSHITH
7	19S131050	LEELA SURYA SAI KANDULA
8	19S139029	LENKA LAKSHMI. I
9	19S135062	LIBIN. L
10	19S135594	LINGAREDDY VENKATA SAI KIRAN REDDY

11	19S135029	LOGESH. V
12	19S139030	LOGESHWARAN. R
13	19S135572	LOGESWARI. S
14	19S131051	LOHITH REDDY G V
15	19S131052	MADDALA SATYA SAI
16	19S135604	MADDELA SREE CHARAN REDDY
17	19S135724	MADDIKA SAI DEEPAK REDDY
18	19S135092	MADHAVA REDDY CHALLA
19	19S135602	MADINENI JAGADEESH
20	19S135030	MADISHETTI SRIKAR GANESH
21	19S135804	MALE SAI VAMSHI
22	19S135731	MALLAMPALLI PHANICHANDER
23	19S135031	MALLAVARAPU SUNIL KUMAR
24	19S139031	MAMIDI PAVAN VENKATA SRI SATYA SAI KUMAR
25	19S135133	MANAM ANIL KUMAR
26	19S135721	MANASA. G
27	19S135583	MANDALA JAGADEESH
28	19S135632	MANDALA VEERA VENKATA MANEESH
29	19S135628	MANDARAPU KRISHNA SUMANTH
30	19S135643	MANEPALLI AVINASH
31	19S131053	MANI MOZHI. R
32	19S135829	MANOJ KUMAR NOWKATLA
33	19S135661	MANOJ RAO. J
34	19S135032	MANOJ SAI. K
35	19S135824	MANTHA VKSR VEDA SAMHITHA
36	19S135033	MARKANDEY
37	19S135584	MARREDDY ANUHYA
38	19S135813	MEKA HARSHA VARDHAN
39	19S131054	MEKA LIKHITH KUMAR
40	19S135641	MELLAMPUTI HARSHA VARDHAN
41	19S135569	METTU HARISH
42	19S135691	MITTA AJAY KUMAR REDDY
43	19S135034	MOHAMMAD THANISHA VALLI
44	19S135619	MOLUGURI AKASH. M
45	19S135732	MOTHE RAKESH
46	19S135595	MUDDANABOINA SAI DINESH
47	19S135647	MUDETTULA AKHIL
48	19S131088	MUDUMBA SAI SATHVIKH
49	19S135814	MUHAMMADH NAZICK. A
50	19S135779	MUSANI PRANEETH
51	19S135035	NADELLA BHANU PRAKASH

52	19S131098	NADIMPALLI KESAVA VARMA
53	19S135672	NADIPILLI KRISHNA MADHU
54	19S135697	NAGA LAKSHMI. B
55	19S135083	NAGA PRASANTH. B
56	19S131055	NAGI REDDY MADHUSUDHAN REDDY
57	19S135069	NALAJALA PRUDHVI
58	19S135580	NALI VENKATA GIRIDHAR
59	19S135810	NALIN RAJ
60	19S131094	NALLA KESHAV
61	19S131056	NALLAGONDU HARINATH REDDY
62	19S135679	NALLU MURALI KRISHNA
63	19S135576	NAMBURI GOPI CHAND
64	19S135571	NANDHA KISHORE. C. S
65	19S131057	NANDHAKUMAR. B
66	19S135616	NANDI KRISHNARJUNA
67	19S131058	NARAKALA DHEERAJ MUNI
68	19S135610	NARAVA UDAY KIRAN VENKATA RAMANA
69	19S131059	NEELI VIJAYA DURGA
70	19S135065	NEHA. V
71	19S135036	NETHRA BALARAMAN
72	19S135684	NIMMAGADDA NAGA VENKATA SAI KUMAR
73	19S135142	NISHA. R
74	19S135074	NISHANTH. K
75	19S135037	NOBIN SAMUEL. P
76	19S135038	NULI SAI VAMSI
77	19S131060	PADALA SATYANARAYANA
78	19S139034	PADIWARI CHARVI
79	19S139035	PADMINI. A
80	19S131061	PALACHARLA PAVANI KALYAN
81	19S135658	PALEMPALLE ADI NARAYANA REDDY
82	19S135039	PALLA NAGA SURESH
83	19S135808	PAMARTHI PAVAN KUMAR
84	19S135155	PAMULA JAYA RAJU
85	19S135599	PARISA MAHENDRA NADH
86	19S131062	PASUMARTHI SOUMYA SRI
87	19S135040	PATTA SAI KUMAR REDDY
88	19S135714	PATTI SEETHA
89	19S135796	PAVAN KUMAR. S
90	19S135570	PAVITHRA. T
91	19S135660	PECCHETI PRAVEEN KUMAR
92	19S135041	PEDIREDLA SRI SURYA AVINASH

93	19S135146	PENUPOTHULA SAI SUBRAMANIYAM
94	19S135066	PERAPU PAVAN KALYAN
95	19S135723	PITTALA ROHAN
96	19S135718	POLLAREDDY PRATHYUSHA
97	19S135620	PONNAGANTI SITA RAM
98	19S131090	POOLA CHAITHANYA
99	19S139033	PRADHEEPA. P
100	19S135668	PRAVEEN APPAR. S





13. Physical Custom IC Design



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)







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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ORGANIZES VALUE ADDED PROGRAM
ON

"Physical Custom IC Design"

(For ECE Final Year Hostel Students)

06.02.2023 to 04.03.2023

TIME: 3.15PM TO 4.30PM

Course Content

- Introduction to Physical Custom IC Design
- Design Entry and Schematic Capture
- Layout Design and Floorplanning
- Physical Verification and Design Rule Checking

Resource Persons

Dr. T. Ravi
Dr V Balamurugan
Dr Mathan N
Dr Muthiah. M. A
Ms Shamini G I

Course Outcomes

At the end of the course students
can able to

- Use Mentor Graphics tool for Physical Custom IC design
- Understand the physical design Flow
- Create and optimize custom IC layouts

Chief Patrons

Dr. Mariazeena Johnson, Chancellor
Dr. Marie Johnson, President
Mr. J Arul Selvan, Vice President
Ms. Maria Bernadette Tamilarasi, Vice President
Ms. Maria Catherine Jayapriya, Vice President

Register @

bit.ly/pc_icd23

Venue @

VLSI DESIGN LAB
(ECE Dept. Second Floor)

Conveners

Dr. N. M. Nandhitha, Dean, School of EE
Dr. T. Ravi, HOD, ECE

Patrons

Dr T Sasipraba, Vice Chancellor
Dr. E. Logashanmugam, Pro Vice Chancellor
Dr. G. Sundari, Director-Administration

Organizers

Dr. T.Ravi, HOD, ECE
Dr. Mathan. N, AP, ECE
Dr. Muthiah. M. A, AP, ECE
Ms .Shamini.G.I, AP, ECE

e-Certificate will be issued for all Participants

List of Participants

SL.NO	ROLL NO	NAME OF THE STUDENT
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1	19S135140	RAJA MANIKANDAN. P
2	19S139037	RAJANA ROSHINI
3	19S135651	RAKESH. K
4	19S131067	RAMINENI JESWANTH
5	19S139038	RAPETI CHOSHMITHA
6	19S131068	REDDY SAI MANIKANTA
7	19S139041	RENUGA. S
8	19S139039	REVATHI. M
9	19S131069	RIDDHI SINGH
10	19S135088	RISHASRI. H
11	19S135045	RISHAV VARMA. R
12	19S135702	RIYA SINGH. J
13	19S135793	ROHAN
14	19S135730	ROHAN KUMAR
15	19S135780	ROHIT SOM
16	19S135708	ROHITH MODEM
17	19S135611	ROSHAN. S
18	19S135046	RUTH BALAJI
19	19S135130	SABEER
20	19S135812	SADA SIVAIAH
21	19S135715	SADANALA SIVA MANIKANTA
22	19S135662	SAI DINESH. B
23	19S135776	SAI HARSHA VARDHAN YADAV
24	19S131070	SAIDU GOWTHAM KUMAR
25	19S135063	SAKTHI AISHWARYA. R
26	19S135607	SALADI VENKAT AKSHAY
27	19S135157	SALMAN FAARIS
28	19S135094	SAMPATH KUMAR KADA. P
29	19S135132	SANAMSETTY SAI
30	19S139043	SANDU PRAVALLIKA
31	19S139044	SANGEETHA. K
32	19S135645	SANI SATHWIKA VIJAY
33	19S135154	SANJAY KUMAR KORRAPATI
34	19S135071	SANJAY KUMAR. S
35	19S135164	SANKARA NARAYANA
36	19S139045	SANTHIYA. J
37	19S135047	SARAN. S
38	19S135048	SASIDHAR REDDY R
39	19S135830	SATHISH. J
40	19S135049	SATHISH KUMAR. G
41	19S139046	SATHYA RUPA. S

42	19S139061	SATWIK VINAY TEJA
43	19S135587	SAVITHA. R
44	19S131072	SEGU SREEHARI. S
45	19S139047	SETTIPALLI NAGA PRANAVI
46	19S135050	SEYED AMEER SALMAN
47	19S138001	SHAHIN ROJAR. J
48	19S139001	SHAHITHA BANU. A
49	19S135114	SHAHUKARI HEMANTH
50	19S139040	SHAIK AZMATHULLA
51	19S135159	SHAIK FASIL
52	19S135582	SHAIK ISMAIL
53	19S135783	SHAIK KALEEM
54	19S135606	SHAIK MASTHANVALLI
55	19S135817	SHAIK NAINAZ
56	19S135655	SHAIK NAYEEM PASHA
57	19S139048	SHAIK SAMEER BEGE
58	19S135124	SHAIKI JAVEED SULTAN
59	19S135792	SHANKAR. R. R
60	19S135051	SHERIN. R
61	19S135790	SHIVANGI KUMARI
62	19S135699	SHOBAN PRAKASH. S
63	19S135087	SIDDHANT KUMAR SINGH
64	19S135084	SINDHUJA. J. S
65	19S135613	SINDRI REVANTH
66	19S135127	SIRIGINEEDI SIRIYESU
67	19S135096	SIVALASETTY ARAVID BABU
68	19S139042	SIVASAKTHI. S
69	19S131073	SNEHA. S
70	19S139049	SOLASA PARIVESH
71	19S135052	SOUNDAR. P
72	19S135696	SOWMIYA. N
73	19S139050	SOWMIYA. P
74	19S139052	SRAVANI KUMARI. T
75	19S139056	SRIDHAR. U
76	19S131074	SRISHKUMAR MANI. J
77	19S135136	SUBASH. S. I
78	19S135618	SUBHARAJA CHELLAM. A
79	19S135733	SUBRAMANYAM. G. S. V
80	19S139017	SUDHEER KUMAR. G
81	19S135163	SUJITH KUMAR
82	19S135777	SUJITHA

83	19S139011	SUKANYA. D
84	19S135129	SUNKARA KANNAYYA
85	19S135138	SUNKARA LAVANYA NAGA DIVYA
86	19S135720	SUNKARA SRIHARI
87	19S139059	SUNKI REDDY VISHVESWAR REDDY
88	19S135581	SURA PAVAN KUMAR REDDY
89	19S135626	SURE GANESH REDDY
90	19S135053	SURENDAR. R
91	19S135054	SUSHMA SAGARIKA MIDATHANA
92	19S131075	SUSHMA TEJASWI MALLELA
93	19S139014	SWATHI. E
94	19S131076	TADAKAMALLA GOURAV
95	19S135589	TAKULAPALLI MALLIKARJUNA
96	19S135055	TALLAM VENKATA PAVAN KALYAN
97	19S135056	TAMIL VASANTHAN. S
98	19S131077	TAMMINEEDU SRIRAM
99	19S131078	TANDAI PAVAN BHASWANTH
100	19S131079	TARA UMA SAI UTTARATADI



14. Physical Custom IC Design



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ORGANIZES VALUE ADDED PROGRAM
ON

"Physical Custom IC Design"

(For ECE Final Year Hostel Students)

06.03.2023 to 31.03.2023
TIME: 3.15PM TO 4.30PM

Course Content - Introduction to Physical Custom IC Design - Design Entry and Schematic Capture - Layout Design and Floorplanning - Physical Verification and Design Rule Checking	Resource Persons Dr. T. Ravi Dr V Balamurugan Dr Mathan N Dr Muthiah. M. A Ms Shamini G I	Course Outcomes At the end of the course students can able to - Use Mentor Graphics tool for Physical Custom IC design - Understand the physical design Flow - Create and optimize custom IC layouts
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Chief Patrons Dr. Mariazeena Johnson, Chancellor Dr. Marie Johnson, President Mr. J Arul Selvan, Vice President Ms. Maria Bernadette Tamilarasi, Vice President Ms. Maria Catherine Jayapriya, Vice President	Register @ bit.ly/pc_icd23 Venue @ VLSI DESIGN LAB (ECE Dept. Second Floor) Patrons Dr T Sasipraba, Vice Chancellor Dr. E. Logashanmugam, Pro Vice Chancellor Dr. G. Sundari, Director-Administration	Conveners Dr. N. M. Nandhitha, Dean, School of EE Dr. T. Ravi, HOD, ECE Organizers Dr. T.Ravi, HOD, ECE Dr. Mathan. N, AP, ECE Dr. Muthiah. M. A, AP, ECE Ms .Shamini.G.I, AP, ECE
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e-Certificate will be issued for all Participants

List of Participants

SL.NO	ROLL. NO	NAME OF THE STUDENT
1	20S135054	NIVASH S
2	20S139012	NIZHAMUDHIN. N
3	20S135041	OJASWINI.D
4	20S135055	PALANKI SAI KARTHIK
5	20S135136	PALLAPOTHU KARTHIK CHOWDARY
6	20S135092	PALLE VENKATA BHUVANA CHANDRA REDDY
7	20S135137	PALLEBOYINA VAMSI KRISHNA
8	20S131001	PANDILLA NAMRATHA
9	20S135165	PARVATHAM SRIRAM
10	20S135053	PATCHIGOLLA VISTESH
11	20S139047	PATCHIPALA SATISH
12	20S139013	PAVITHRA D
13	20S139004	PAVITHRA S
14	20S135116	PEDASINGU GOWTHAM
15	20S139045	PEDIREDLASAHITHI
16	20S135114	PEELA TARUN SAI
17	20S135033	PILLAI SUHESH KRISHNA
18	20S135101	PILLI LAKSHMI NARAYANA
19	20S135090	PIPPALLA KARTHIK ABHIRAM
20	20S139051	POOJA. A
21	20S139056	PRABHAVATHY G
22	20S135083	PRADEEP SHARMA
23	20S139024	PRAGALLAPATI V V L D S SAI MANIKANTA
24	20S139052	PRIYA V
25	20S135144	PULAPA PURUSHOTHAM
26	20S139038	PUPPALA SAHITHI KALYANI
27	20S135073	RACHAGORLA DAIVAGNA
28	20S135076	RAGA VINAYKUMAR
29	20S139046	RAGHUMANDA GOWTHAMI
30	20S139043	RAGHUMANDA NANI
31	20S135140	RAGHUPATRUNI BHANU PRAKASH
32	20S135012	RAHAMATHULLAH. R
33	20S135064	RAHUL SAI KODALI
34	20S135161	RAJA VIJAYENDRA VARMA LAGISHETTY
35	20S135160	RAKSHITHA.K
36	20S135060	RAMANA GOWTHAM REDDY THIPULURI
37	20S135094	RAMKUMAR.M
38	20S135077	RANISH P

39	20S135030	RENUGA DEVI. B
40	20S135049	RITHIKA R
41	20S138004	ROFIN SHALOM.V
42	20S135080	ROHIT SHARMA
43	20S135074	SAI SANDEEP SS MADDIPATLA
44	20S135015	SAJEEV. S
45	20S135100	SALADI NAGARAGHU
46	20S135024	SAMBANGI HANISH
47	20S135040	G.SAMUEL ADARSH
48	20S135026	A.SATYA NARAYANAN
49	20S139006	SEETHALATHEVI K
50	20S135005	SELVA GANESHAN U S
51	20S135162	SELVAMBHANUPRAKASH
52	20S135025	SHAHI SHREYA
53	20S135062	SHAIK BHASHIT IMRAN HAZHAR
54	20S135070	SHAIK DILSHAD SHAHIN AHMAD ALI
55	20S135017	SHAIK LATHEEF ALI
56	20S139061_	SHAIK.SOHEL
57	20S135118	SHARMA A.R
58	20S139014	SHARMILA V
59	20S135147	SHAURYA
60	20S135135	SHERIFE KHAN.S
61	20S135029	SHERLIE. L
62	20S135014	SHUBHOM DAS
63	20S139059	SIRIPIREDDY DAMARKESWARAREDDY
64	20S135056	SITHESHWAR B I
65	20S139030	SIVADHARSHINI S
66	20S135178	SOUMYA RANJAN MISHRA
67	20S135095	SRI HARI V R
68	20S135125	SRIGHAKOLLAPU.NAGA SAI RAM
69	20S135020	SRINIVAS A
70	20S135007	SRIVATHSAV S
71	20S135067	SUBBAMMAL A P
72	20S138008	V.SUGANYA
73	20S139050	TAGARAMPUDI TEJA SRI LAKSHMI
74	20S135075	TALUPULA SAI SURYA VISWA VIKYATH
75	20S135157	TANANGI NIKITH CHANDRA
76	20S135003	TELLAMEKALA MAHESH BABU
77	20S139037	THALLAPALLI GAYATHRI

78	20S135091	THAMMINIENI VIVEK
79	20S139054	THASLIMA BANU H
80	29S135134	THOTA HEMANTH SAI
81	20S135098	THUMU BALA BALAJI
82	20S135172	TIRUPATHI UDAY KUMAR
83	20S135087	TUMALAPENTA.BHAVISH
84	20S139015	UDHAYASURYA G
85	20S135167	ULLAGANTI YESHWANT SAI ABHILASH
86	20S135013	VADLAPATI DHEERAJ
87	20S139042	VAKACHARLA VASAVI
88	20S135071	VALLURI AVINASH
89	20S139035	VALPASANI HARISH
90	20S139020	VARSHA R
91	20S135150	VASANTH.R
92	20S135120	VEERABALLI MANOJ KUMAR REDDY
93	20S135105	VEMPADA HIMAVAMSI
94	20S135112	VENKANNAPALLE HUSSAIN BASHA
95	20S139007	VIGNESH L
96	20S135006	VIGNESH. N
97	20S139034	VIJAYARAO BINDU RADHIKA
98	20S135123	VINAYAKAM VENKAT CHETHAN
99	20S135047	YARASU GOVARDHAN REDDY
100	20S135106	YARRU CHAITANYA LAKSHMI

SATHYABAMA

**INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

Certificate of Participation

This is to certify that

NIZHAMUDHIN. N

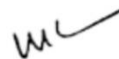
from

Sathyabama Institute of Science and Technology

**has participated in Skill Development Program "Physical Custom IC
Design" conducted by Department of Electronics and Communication
Engineering from 06.03.2023 to 31.03.2023**



**HOD/ECE
Dr T Ravi**



**Dean (School of EEE)
Dr N M Nandhitha**