



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 Bio & Chemical

Department of Biomedical Engineering

1.3.2 Value-Added Courses 2023-2024

S. No.	Name of the value-added course	Dates
1.	Embedded System Design and AI	26.6.2023 to 01.7.2023
2.	Design Thinking in Biomedical Perspectives	20.9.2023 to 27.9.2023
3.	Boot Camp on C Programming	22.1.2024 to 09.2.2024
4.	Data Acquisition using Arduino and ESP32	22.4. 2024 to 27.4.2024

1. Embedded System Design and AI



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SCHOOL OF BIO AND CHEMICAL ENGINEERING
DEPARTMENT OF BIOMEDICAL ENGINEERING

VALUE ADDED PROGRAM
ON
'EMBEDDED SYSTEM DESIGN
AND AI'

26.06.23
TO
01.07.23



ORGANIZERS
DR. T.SUDHAKAR, HOD
DR. P.GRACE KANMANI, ASSOC.PROF

COORDINATORS
DR. J. PREMKUMAR, ASSOC.PROF
DR. ANIMA NANDA, PROF
MRS. SINDU DIVAKARAN, ASST. PROF
DR. BETHANNEY JANNEY J, ASSOC.PROF
DR. S. KRISHNAKUMAR, ASSOC.PROF
MRS. SABARIVANI, ASST. PROF

SKILL DEVELOPMENT INCHARGE
DR. Y. SWARNALATHA (DEAN HIGHER STUDIES)

CHIEF PATRONS
DR MARIAZEENA JOHNSON (CHANCELLOR)
DR MARIE JOHNSON (PRESIDENT)
MR. J. ARUL SELVAN (VICE PRESIDENT)

PATRONS
DR T SASIPRABA (VICE CHANCELLOR)
DR E LOGASHANMUGAM (PRO VICE CHANCELLOR)
DR G SUNDARI (DIRECTOR ADMINISTRATION)



CONDUCTED BY
National Small Industries Corporation
(A Government of India Enterprise)
Facilitating the Growth of Small Enterprise since 1955

INITIATED BY
CENTRE FOR SKILL DEVELOPMENT & TRAINING (SDAT)
SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI

DEPARTMENT OF BIOMEDICAL ENGINEERING**A Value-Added Course on
Embedded System Design and AI****Date: 26.6. 2023 to 01.7.2023****STUDENTS NAME LIST**

S.No	Reg. Number	Student Name	26/6/23	27/6/23	28/6/23	29/6/23	30/6/23	01/7/23
1.	40240001	Aadhitya. S	P	P	P	P	P	P
2.	40240002	Abiraj. B	P	P	P	P	P	P
3.	40240003	Angelin Winslet. C	P	P	P	P	P	P
4.	40240004	Anuska Chakravarty	P	P	P	P	P	P
5.	40240005	Arokiya Rahul. W	P	P	P	P	P	P
6.	40240006	Daniel. R	P	P	P	P	P	P
7.	40240007	Danny Roy	P	P	P	P	P	P
8.	40240008	Dharani.K	P	P	P	P	P	A
9.	40240009	Fazila. A	P	P	P	P	P	P
10.	40240010	Haripriya Bhattaru	P	P	P	P	P	P
11.	40240011	Jai Akash.B	P	P	P	P	P	P
12.	40240012	Jeffrey Delaperle	P	P	P	P	P	P
13.	40240013	Jey Surya. S	P	P	P	P	A	P
14.	40240014	John Wesley. I	P	P	P	P	P	P
15.	40240015	Kamalesh.R	P	P	P	P	P	P
16.	40240016	Manasa.V	P	P	P	P	P	P
17.	40240017	Mathangi. B	P	P	P	P	P	P
18.	40240018	Meenatchi S	P	P	P	P	P	P
19.	40240019	Mohamed Azarudeen. S	P	P	P	P	P	P
20.	40240020	Mohammed Thoufeeq. A	P	P	P	P	P	P
21.	40240021	Najeeba. M	P	P	P	P	P	P
22.	40240022	Ponni. S	P	P	P	P	P	P
23.	40240023	Prakrith.V	P	P	P	P	P	P
24.	40240024	Raghul. A	P	P	P	P	P	P
25.	40240025	Renny Valentina. N	P	P	P	P	P	P
26.	40240026	Rishon V	A	P	P	P	P	P
27.	40240027	Roshan. B	P	P	P	P	P	P
28.	40240028	Rufina Magdalin Shallowm. S	P	P	P	P	P	P
29.	40240029	Sam Judit. J.V	P	P	P	P	P	P
30.	40240030	Saraswathi. B	P	P	P	P	P	P
31.	40240031	Sethuraman K	P	P	P	P	P	P
32.	40240032	Shanuja.M	P	P	P	P	P	P
33.	40240033	Sharnisha. M	P	P	P	P	P	P
34.	40240034	Shruthi.L	P	P	P	P	P	P
35.	40240035	Sindhu Ela	P	P	P	P	P	P
36.	40240036	Srinivasan R.	P	P	P	P	P	P
37.	40240037	Sristi. S.V	P	P	P	P	P	P
38.	40240038	Srivari Mukunth. S	P	P	P	P	P	P
39.	40240039	Sudhishna. T	P	P	P	P	P	P

40.	40240040	Suganth.S	P	P	P	P	P	P
41.	40240041	Sushmitha.S	P	P	P	P	P	P
42.	40240042	Tejaswini. S	P	P	P	P	P	P
43.	40240043	Vijayalakshmi. B	P	P	P	P	P	P
44.	40240044	Yogapriya K	P	P	P	P	P	P
45.	40240045	Isha Ingrole	P	P	P	P	P	P
46.	40240046	Rancy Irene Jose	P	P	P	P	P	P
47.	40240047	Shyam Sundar	P	P	A	P	P	P
48.	40240048	Anumehaa. K. S	P	P	P	P	P	P
49.	42440001	Anand Balaji A	P	P	P	P	P	P
50.	42440002	Indu S	P	P	P	P	P	P
51.	42440003	Jinu Jacob Y	P	P	P	P	P	P
52.	42440004	Pavithra G S	P	P	P	P	P	P


 DEPARTMENT OF BIOMEDICAL ENGINEERING
SATHYABAMA
 INSTITUTE OF SCIENCE AND TECHNOLOGY
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 Jyoti Nagar, Rajiv Gandhi Salai
 Chennai - 600 079



2. Design Thinking in Biomedical Perspectives



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SCHOOL OF BIO AND CHEMICAL ENGINEERING
DEPARTMENT OF BIOMEDICAL ENGINEERING
IN ASSOCIATION WITH BIOMEDICAL ENGINEERING SOCIETY OF INDIA
ORGANIZES
VALUE ADDED COURSE ON
DESIGN THINKING IN BIOMEDICAL PERSPECTIVES
20.09.2023 TO 27.09.2023
RESOURCE PERSONS

Dr. JEYA JEEVAN
Dr. VEDHA NARAYANAN
Dr. POORNAPUSHPAKALA
Dr. R. BARANI
Dr. KALAILAXMI

Conveners Dr. T. Sudhakar HOD-BIOMED Dr.P. Grace Kanmani Prince , Asso.Prof Dr. Bethanne Janney J. Asso.Prof Coordinators Dr. J. Premkumar, Asso. Prof Dr. Anima Nanda, Prof Dr. S. Krishnakumar, Asso.Prof Mrs. Sindu Divakaran, Asst. Prof Dr. A. Sabarivani, Asst. Prof	Features: • Introduction to Design Thinking- Design Thinking Models • Creating a Persona • Balancing Wheel of Life • Visionary board and LO Architecture • Research Innovations and Startups • Activity-based learning	Chief Patrons: Dr Mariazeena Johnson Chancellor Dr Marie Johnson President Mr. J. Arul Selvan Vice President Ms Maria Bernadette Tamilarasi Johnson Vice President Dr T Sasipraba Vice Chancellor Patrons: Dr E Logashanmugam Pro Vice Chancellor Dr G Sundari Director Administration
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e-Certificate will be issued for all participants

DEPARTMENT OF BIOMEDICAL ENGINEERING
A Value-Added Course on
Design Thinking in Biomedical Perspectives

Date: 20.9. 2023 to 27.9.2023

STUDENTS NAME LIST

S. No	Register Number	Name	20/9/23	21/9/23	22/9/23	23/9/23	25/9/23	26/9/23	27/9/23
1.	41240001	Aakankshya Samantaray	P	P	P	P	P	P	P
2.	41240002	Abirami S	P	P	P	P	P	P	P
3.	41240003	Agalya G	P	P	P	P	P	P	P
4.	41240004	Amrin Manzoor	P	P	P	P	P	P	P
5.	41240005	Ashwin R	P	P	P	P	P	P	P
6.	41240006	Balaji	P	P	P	P	A	P	P
7.	41240007	Berti Maria Preetha C	P	P	P	P	P	P	P
8.	41240008	Cauviya Sri K	P	P	P	P	P	P	P
9.	41240009	Charan K V	P	P	P	P	P	P	P
10.	41240010	Dharshini S	P	P	P	P	P	P	P
11.	41240011	Farheen Sakkir	P	P	P	P	P	P	P
12.	41240012	Infant Shainny A	P	P	P	P	P	P	P
13.	41240013	Janne Chetan	P	P	P	P	P	P	P
14.	41240014	Jeffin Jose	P	P	P	P	P	P	P
15.	41240015	Jennie Roshini P	P	P	A	P	P	P	P
16.	41240016	Jeno J	P	P	P	P	P	P	P
17.	41240017	Joel J	P	P	P	P	P	P	P
18.	41240018	Kiruthika R	P	P	P	P	P	P	P
19.	41240019	Lekha Parthiban	P	P	P	P	P	P	P
20.	41240020	Lekkala Hema	P	P	P	P	P	P	P
21.	41240021	Muthu Vignesh V	P	P	P	P	P	P	P
22.	41240022	Nagothu Bala Aakash	P	P	P	P	P	P	P
23.	41240023	Neethish B G	P	P	P	P	P	P	P
24.	41240024	Pedamalli Umamaheswar Reddy	P	P	P	P	P	P	P
25.	41240025	Pravin P M	P	P	P	P	P	P	P
26.	41240026	B Preeti	P	P	P	P	P	P	P
27.	41240027	S.Rahul	P	P	P	P	P	P	P
28.	41240028	Ranjith B	P	P	P	P	A	P	P
29.	41240029	Rithika D	P	P	P	P	P	P	P
30.	41240030	Roshini Catherine Verghese	P	P	P	P	P	P	P
31.	41240031	Santhosh Rajha P	P	P	P	P	P	P	P
32.	41240032	Sneha Babu Paul	P	P	P	P	P	P	P
33.	41240033	Somineni Nikkhilla Chowdary	P	P	P	P	P	P	P
34.	41240034	Srinidhi Sridharan	P	P	P	P	P	P	P
35.	41240035	Surapureddy Likitha	P	P	P	P	P	P	P
36.	41240036	Swathi B	P	P	P	P	P	P	P
37.	41240037	Swetha G	P	A	P	P	P	P	P
38.	41240038	Thaticharla Mansura	P	P	P	P	P	P	P
39.	41240039	Vidula Nancy N	P	P	P	P	P	P	P

40.	41240040	Yukesh Kumar S	P	P	P	P	P	P	P
41.	41240041	Arshath Hussain N	P	P	P	P	P	P	P
42.	41240042	Harshini Joshitha T	P	P	P	P	P	P	P
43.	41240043	Medapati Sri Harshitha	P	P	P	P	P	P	P
44.	41240044	Gangaraju Shamitha	P	P	P	P	P	P	P
45.	41240045	Srelahari B	P	P	P	P	P	P	P
46.	41240046	Sweetha S	P	P	P	P	P	A	P
47.	41240048	Antony Usha Anu Rethi A	P	P	P	P	P	P	P
48.	41240049	Attla.Sriraj Shabareesh	P	P	P	A	P	P	P
49.	43440001	Ramyadasan S	P	P	P	P	P	P	P
50.	43440002	Anniegrazy A	P	P	P	P	P	P	P
51.	43440003	Evangelin D	P	P	P	P	P	P	P
52.	43440004	Divya Y	P	P	P	P	P	P	P
53.	43440005	Bhavadharani. B	P	P	P	P	P	P	P
54.	43440006	Kaviya. K	P	P	P	P	P	P	P
55.	43440007	Dilip E.K	P	P	P	P	P	P	P
56.	43440008	Tamilmaran.K	P	P	P	P	P	P	P
57.	43440009	Yuvasri.M	P	P	P	P	P	P	P

A. Sudhakar

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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119



CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. Kiruthika R (Reg. No. 41240018) student of Biomedical Engineering has successfully completed the 30 hours Value added course on “DESIGN THINKING IN BIOMEDICAL PERSPECTIVES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 20.09. 2023 to 27.09.2023.

Ms. BETHANNEY JANNEY J
PROGRAM CO-ORDINATOR

Dr. P. GRACE KANMANI
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
HOD-BIOMEDICAL

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University)

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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119



CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. Santhosh Rajha P (Reg. No. 41240031) student of Biomedical Engineering has successfully completed the 30 hours Value added course on “DESIGN THINKING IN BIOMEDICAL PERSPECTIVES” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 20.09. 2023 to 27.09.2023.

Ms. BETHANNEY JANNEY J
PROGRAM CO-ORDINATOR

Dr. P. GRACE KANMANI
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
HOD-BIOMEDICAL

3. Boot Camp on C Programming



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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

ORGANIZES

TWO WEEK CERTIFICATION COURSE ON BOOT CAMP ON C PROGRAMMING

22.01.2024 TO 09.02.2024

Resource Persons

**Dr. Ramya G Franklin, Dr. Joshila Grace, Dr. Selvi, Dr. Anto Praveena,
Dr. Suji Helen, Dr. Mercy Paul Selvan, Dr. Christy, Dr. Prince Mary, Dr. S. Jancy,
Dr. A. Mary Psonia, Dr. Dr. Viji Amutha Mary, Dr. Usha Nandhini,
Ms. Viji Amutha Mary, Ms. R. Yogitha, Dr. Angaiyarkanni,
Dr. Prayla, Dr. A. C. Santha Sheela, Dr. Suja
Department of Computer Science and Engineering, SIST**

Conveners

Dr. T. Sudhakar
HOD-BIOMED
Dr. P. Grace Kanmani
Prince, Asso. Prof

Coordinators

Dr. J. Premkumar,
Asso. Prof
Dr. Anima Nanda, Prof
Mrs. Sindu Divakaran,
Asst. Prof
Dr. Bethanney Janney J
Asso. Prof
Dr. S. Krishnakumar,
Asso. Prof
Dr. A. Sabarivani,
Asst. Prof

Vision of the Department

To be globally recognized as a research driven Department to nurture Biomedical Engineers with sound knowledge in clinical translation of diagnostic and therapeutic innovation for advanced human health care.

Mission of the Department

M1: To impart quality education to the aspiring engineers through effective teaching learning techniques to enhance their skills, capacity and make them globally competitive Biomedical Engineers

M2: To develop collaborations with national, international institutes, research & development organizations and industries for advanced technology in health care system

M3: To provide professional skills for designing biomedical equipment and technical support for medical equipment.

M4: To mould the young minds to emerge as established professionals or entrepreneurs to fulfill the demands of the society towards healthcare

Chief Patrons:

Dr. Mariazeena Johnson
Chancellor

Dr. Marie Johnson
President

Mr. J. Arul Selvan
Vice President

Ms. Maria Bernadette Tamilarasi Johnson
Vice President

Ms. Maria Catherine Jayapriya
Vice President

Patrons:

Dr. T. Sasipraba
Vice Chancellor

Dr. E. Logashanmugam
Pro Vice Chancellor

Dr. S. S. RAO
Registrar

Dr. G. Sundari
Director Administration

Certificate will be issued for all Participants

DEPARTMENT OF BIOMEDICAL ENGINEERING**A Value-Added Course on
Boot Camp on C Programming****Date: 22.1. 2024 to 09.2.2024****STUDENTS NAME LIST**

S.NO.	Reg No	Student Name	22/1/ 24	23/1/ 24	24/1/ 24	25/1/ 24	26/1/ 24	29/1/ 24	30/1/ 24
1	43240001	AATIRAA U R	P	P	P	P	P	P	P
2	43240002	ARSHIYA FATHIMA S	P	P	P	P	P	P	P
3	43240004	ARUNALAKSHMI PARANTHAMAN	P	P	P	P	P	P	P
4	43240005	BASIM S	P	P	P	P	P	P	P
5	43240006	DELBER BEJADS M	P	P	P	P	P	P	P
6	43240007	DIVINA JANE I	P	P	P	P	P	P	P
7	43240009	DIVYADHARSHINI.D	P	P	P	P	P	P	P
8	43240010	GAYATHRI V	A	P	P	P	P	P	P
9	43240011	GIRIDHARAN T	P	P	P	P	P	P	P
10	43240012	HARIHARAN S	P	P	P	P	P	P	P
11	43240013	ILAVARASAN S	P	P	P	P	P	P	P
12	43240014	IMMANUEL D S	P	P	P	P	P	A	P
13	43240015	JUVIN SKARIAH MATHEW	P	P	P	A	P	A	P
14	43240016	KARTHIKASHRI D	P	P	P	P	P	P	P
15	43240017	KEERTHANA M	P	P	P	P	P	P	P
16	43240018	KRITHIKESH S	P	P	P	P	P	P	P
17	43240019	KUMUDINI.S	P	P	P	P	P	P	P
18	43240020	LAXMIKANTHI SG	P	P	P	P	P	P	P
19	43240021	MAMIDIKUDURU HARSHA VARDHANI	P	P	P	P	P	P	P
20	43240022	MOHAMMED SHAHID	P	P	P	P	P	P	P
21	43240023	PRAVEEN N	P	P	P	P	P	P	P
22	43240024	PRINCY SHEEBA S	P	P	P	P	P	P	P
23	43240025	R L VAISHNAVI	P	P	P	P	P	P	P
24	43240026	R S ROSHINI	P	P	P	P	P	P	P
25	43240027	RUBA T	P	P	P	P	P	P	P
26	43240028	S GAYATHRI	P	P	P	P	P	P	P
27	43240030	SANCHITHA J	P	P	A	P	P	P	P
28	43240031	SANJAY SRINIVAS S	P	P	P	P	P	P	P
29	43240032	SANTHOSH A S	P	P	P	P	P	P	P
30	43240033	SHAILESH D	P	P	P	P	P	P	P
31	43240034	SHAMIHA S	P	P	P	P	P	P	P
32	43240035	SHREYAS SRIDHAR	P	P	P	P	P	P	P
33	43240036	SWETHA SURESH KUMAR	P	P	P	P	P	P	P
34	43240037	YARLAGADDA DURGABHAVANI	P	P	P	P	P	P	P
35	43240038	KULOTHUNHACHOZHAN	P	P	P	P	P	P	P
36	43240039	KEVIN JEBAVEERA IMMANUEL J	P	P	P	P	P	P	P
37	43240040	R. HARSHINI	P	P	P	P	P	P	P
38	43240041	D.K. SAM STEEV	P	P	P	P	P	P	P
39	43240042	THEVADHARSHENI L	P	P	P	P	P	P	P
40	43240043	A. BHAVANAA	P	P	P	P	P	P	P

41	43240044	ARIVUNITHI E	P	P	P	P	P	P	P
42	43240045	GOGULRAJ. T	P	P	P	P	P	P	P
43	43240046	JANANI. P	P	P	P	P	P	P	P
44	43240047	VIJAI ANAND K	P	P	P	P	P	P	P
45	43240048	SANGEETHA PRIYA M	P	P	P	P	P	A	P
46	43240049	VIDHYA MAHASHREE V G	P	P	P	P	P	P	P
47	43240050	LAXMAAN GAJENDIRAN	P	P	P	P	P	P	P
48	43240051	S. RENUGA PARAMESWARI	P	P	P	P	P	P	P
49	43240052	KEERTHIKA V	P	P	P	P	P	P	P
50	43240053	DEVANSHI SRIVASTAVA	P	P	P	P	P	P	P
51	43240054	SHALLY EVANGELIN. E	P	P	P	P	P	P	P
52	43240055	S. KEERTHANA	P	P	P	P	P	P	P
53	43240056	R. R. LAAVANYA	P	P	P	P	P	P	P
54	43240057	MOHAMMED NAFIS R	P	P	P	P	P	P	P
55	43240058	MANO AKASH P	P	P	A	P	P	P	P
56	43240059	PREMKUMAR E	P	P	P	P	P	P	P
57	43240060	PRAVEENA V	A	P	P	P	P	A	P
58	43240061	ABINAYA ALBERT ARUL KUMAR	P	P	P	P	P	P	P
59	43240062	SRI SAJAN B	P	P	P	P	P	P	P
60	43240063	ESWARI M	P	P	P	P	P	P	P
61	43240064	MEGHASHREE S	P	P	P	P	P	P	P
62	43240065	S. MADHAN KUMAR	P	P	P	P	P	P	P
63	43240066	SHREYA ANISH P	P	P	P	P	P	P	P
64	43240067	JAYALAKSHMI B	P	P	P	P	P	P	P
65	43240068	PRISSHA J	P	P	P	P	P	P	P
66	43240069	KAVYAALAGI M	P	P	P	P	P	P	P
67	43240070	PUSHPA NARAYAN SHARMA N	P	P	P	P	P	P	P
68	43240071	INBHAVANAN V S	P	P	P	P	P	P	P
69	43240072	PANDRAVADA SAMARTH MIHIR	P	P	P	P	P	P	P
70	43240073	GOKUL RAJ. R	A	P	P	P	P	P	P
71	43240074	G NEERAJ ADIDEV	P	P	P	P	P	P	A
72	43240076	KRISHNA KUMAR KUMAR	P	P	P	P	P	P	P
73	43240077	NOOR MOHAMMED. A	P	P	P	P	P	P	P
74	43240078	DINESH VEERA KARTHICK J	P	P	A	P	P	P	P


 DEPARTMENT OF BIOMEDICAL ENGINEERING
SATHYABAMA
 INSTITUTE OF SCIENCE AND TECHNOLOGY
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 Jayalaxmi Nagar, Rajiv Gandhi Salai
 Chennai - 600 036

DEPARTMENT OF BIOMEDICAL ENGINEERING**A Value-Added Course on
Boot Camp on C Programming****Date: 22.1. 2024 to 09.2.2024****STUDENTS NAME LIST**

S.NO	Reg No	Student Name	31/1/ 24	1/2/ 24	2/2/ 24	5/2/ 24	6/2/ 24	7/2/ 24	8/2/ 24	9/2/ 24
1	43240001	AATIRAA U R	P	P	P	P	P	P	P	P
2	43240002	ARSHIYA FATHIMA S	P	P	P	P	P	P	P	P
3	43240004	ARUNALAKSHMI PARANTHAMAN	P	P	P	P	P	P	P	P
4	43240005	BASIM S	P	A	P	P	P	P	P	P
5	43240006	DELBER BEJADS M	P	P	P	P	P	P	P	P
6	43240007	DIVINA JANE I	P	P	P	P	P	P	P	P
7	43240009	DIVYADHARSHINI.D	P	P	P	P	P	P	P	P
8	43240010	GAYATHRI V	P	P	P	P	P	P	P	P
9	43240011	GIRIDHARAN T	P	P	P	P	P	P	P	P
10	43240012	HARIHARAN S	P	P	P	P	P	P	P	P
11	43240013	ILAVARASAN S	P	P	P	P	P	P	P	P
12	43240014	IMMANUEL D S	P	P	P	P	P	P	P	P
13	43240015	JUVIN SKARIAH MATHEW	P	P	P	P	P	P	P	P
14	43240016	KARTHIKASHRI D	P	P	P	P	P	P	P	P
15	43240017	KEERTHANA M	P	P	P	P	P	A	P	P
16	43240018	KRITHIKESH S	P	P	P	P	P	P	P	P
17	43240019	KUMUDINI.S	P	P	P	P	P	P	P	P
18	43240020	LAXMIKANTHI SG	P	P	P	P	P	P	P	P
19	43240021	MAMIDIKUDURU HARSHA VARDHANI	P	P	P	P	P	P	P	P
20	43240022	MOHAMMED SHAHID	P	P	P	P	P	P	P	P
21	43240023	PRAVEEN N	P	P	P	P	P	P	P	P
22	43240024	PRINCY SHEEBA S	P	P	P	P	P	P	P	P
23	43240025	R L VAISHNAVI	P	P	P	P	P	P	P	P
24	43240026	R S ROSHINI	P	P	P	P	P	P	P	P
25	43240027	RUBA T	P	P	P	P	P	P	P	P
26	43240028	S GAYATHRI	P	P	P	P	P	P	P	P
27	43240030	SANCHITHA J	P	P	P	P	P	P	P	P
28	43240031	SANJAY SRINIVAS S	P	P	P	P	P	P	P	P
29	43240032	SANTHOSH A S	P	P	P	P	P	P	P	P
30	43240033	SHAILESH D	P	P	P	P	P	P	P	P
31	43240034	SHAMIHA S	P	P	P	P	P	P	P	P
32	43240035	SHREYAS SRIDHAR	P	P	P	P	P	P	P	P
33	43240036	SWETHA SURESH KUMAR	P	A	P	P	P	P	P	P
34	43240037	YARLAGADDA DURGABHAVANI	P	P	P	P	P	P	A	P
35	43240038	KULOTHUNHACHOZHAN	P	P	P	P	P	P	P	P
36	43240039	KEVIN JEBAVEERA IMMANUEL J	P	P	P	P	P	P	P	P
37	43240040	R. HARSHINI	P	P	P	P	P	P	P	P
38	43240041	D.K. SAM STEEV	P	P	P	P	P	P	P	P
39	43240042	THEVADHARSHENI L	P	P	P	P	P	P	P	P
40	43240043	A. BHAVANAA	P	P	A	P	P	P	P	P

41	43240044	ARIVUNITHI E	P	P	P	P	P	P	P	P
42	43240045	GOGULRAJ. T	P	P	P	P	P	P	P	P
43	43240046	JANANI. P	P	P	P	P	P	P	P	P
44	43240047	VIJAI ANAND K	P	P	P	P	P	P	P	P
45	43240048	SANGEETHA PRIYA M	P	P	P	P	P	P	P	P
46	43240049	VIDHYA MAHASHREE V G	P	P	P	P	P	P	P	P
47	43240050	LAXMAAN GAJENDIRAN	P	P	P	P	P	P	P	P
48	43240051	S. RENUGA PARAMESWARI	P	P	P	P	P	P	P	P
49	43240052	KEERTHIKA V	P	P	P	P	P	P	P	P
50	43240053	DEVANSHI SRIVASTAVA	P	P	P	P	P	P	P	P
51	43240054	SHALLY EVANGELIN. E	P	P	P	P	P	P	P	P
52	43240055	S. KEERTHANA	P	P	P	P	P	P	P	P
53	43240056	R. R. LAAVANYA	A	P	P	P	P	P	P	P
54	43240057	MOHAMMED NAFIS R	P	P	P	P	P	P	P	P
55	43240058	MANO AKASH P	P	P	P	P	P	P	P	P
56	43240059	PREMKUMAR E	P	P	P	P	P	P	P	P
57	43240060	PRAVEENA V	P	P	P	P	P	P	P	P
58	43240061	ABINAYA ALBERT ARUL KUMAR	P	P	P	P	P	P	P	P
59	43240062	SRI SAJAN B	P	P	P	P	P	P	P	P
60	43240063	ESWARI M	P	P	P	P	P	P	P	P
61	43240064	MEGHASHREE S	P	P	A	P	P	P	P	P
62	43240065	S. MADHAN KUMAR	P	P	P	P	P	P	P	P
63	43240066	SHREYA ANISH P	P	P	P	P	P	P	P	P
64	43240067	JAYALAKSHMI B	A	P	P	P	A	P	P	P
65	43240068	PRISSHA J	P	P	P	P	P	P	P	P
66	43240069	KAVYAALAGI M	P	P	P	P	P	A	P	P
67	43240070	PUSHPA NARAYAN SHARMA N	P	P	P	A	P	P	P	P
68	43240071	INBHAVANAN V S	P	P	P	P	P	P	P	P
69	43240072	PANDRAVADA SAMARTH MIHIR	P	P	P	P	P	P	P	P
70	43240073	GOKUL RAJ. R	P	P	P	P	P	P	P	P
71	43240074	G NEERAJ ADIDEV	P	P	P	P	P	P	P	P
72	43240076	KRISHNA KUMAR KUMAR	P	P	P	P	P	P	P	P
73	43240077	NOOR MOHAMMED. A	P	P	P	P	P	P	P	P
74	43240078	DINESH VEERA KARTHICK J	P	P	A	P	P	P	P	P

A. Sudhakar

DEPARTMENT OF BIOMEDICAL ENGINEERING
SATHYABAMA
 INSTITUTE OF SCIENCE AND TECHNOLOGY
 (DEEMED TO BE UNIVERSITY)
 Jeppiaar Nagar, Rajiv Gandhi Salai
 Chennai - 600 079

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CATEGORY 1 UNIVERSITY BY UGC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600119



CERTIFICATE OF PARTICIPATION

This is to certify that AGALYA G of Department of Biomedical Engineering, Sathyabama Institute of Science and Technology, has participated in a 15 Day certification course on Boot Camp on C programming, conducted by Department of Biomedical Engineering, Sathyabama Institute of Science and Technology, Chennai, from 22.01.2024 to 09.02.2024.

P. Grace

DR. P. GRACE KANMANI PRINCE
ASSOCIATE PROFESSOR



T. Sudhakar

DR. T. SUDHAKAR
HEAD OF THE DEPARTMENT
DEPT. OF BIOMEDICAL ENGINEERING

SATHYABAMA
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CATEGORY 1 UNIVERSITY BY UGC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600119



CERTIFICATE OF PARTICIPATION

This is to certify that AAKANKSHYA SAMANTARAY of Department of Biomedical Engineering, Sathyabama Institute of Science and Technology, has participated in a 15 Day certification course on Boot Camp on C programming, conducted by Department of Biomedical Engineering, Sathyabama Institute of Science and Technology, Chennai, from 22.01.2024 to 09.02.2024.

P. Grace

DR. P. GRACE KANMANI PRINCE
ASSOCIATE PROFESSOR



T. Sudhakar

DR. T. SUDHAKAR
HEAD OF THE DEPARTMENT
DEPT. OF BIOMEDICAL ENGINEERING

4. Data Acquisition using Arduino and ESP32



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SCHOOL OF BIO AND CHEMICAL ENGINEERING
DEPARTMENT OF BIOMEDICAL ENGINEERING
IN ASSOCIATION WITH BIOMEDICAL ENGINEERING SOCIETY OF INDIA
ORGANIZES
VALUE ADDED COURSE ON
DATA ACQUISITION USING ARDUINO AND ESP32
22.04.2024 TO 27.04.2024
RESOURCE PERSONS
DR. VIJAYABASKER, DR. PANDIAN, DR. KRISHNAMOORTHY,
MR. MANUEL, DR. IMMANUEL RAJKUMAR, DR. G. HARIKRISHNAN

Conveners Dr. T. Sudhakar HOD-BIOMED Dr.P. Grace Kanmani Prince , Asso.Prof	Features: • Introduction to Embedded system • Arduino basics • Arduino programming • Arduino using Tinker CAD • Basics on ESP 32	Chief Patrons: Dr Mariazeena Johnson Chancellor Dr Marie Johnson President Mr. J. Arul Selvan Vice President Ms Maria Bernadette Tamilarasi Johnson Vice President Dr T Sasipraba Vice Chancellor
Coordinators Dr. J. Premkumar, Asso. Prof Dr. Anima Nanda, Prof Dr. S. Krishnakumar, Asso.Prof Mrs. Sindu Divakaran, Asst. Prof Dr. Bethanne Janney J, Asso.Prof Dr. A. Sabarivani, Asst. Prof		Patrons: Dr E Logashanmugam Pro Vice Chancellor Dr G Sundari Director Administration

e-Certificate will be issued for all participants

DEPARTMENT OF BIOMEDICAL ENGINEERING
A Value-Added Course on
Data Acquisition using Arduino and ESP32

Date: 22.4. 2024 to 27.4.2024

STUDENTS NAME LIST

S. No.	Reg. Number	Student Name	22/4/24	23/4/24	24/4/24	25/4/24	26/4/24	27/4/24
1	42240001	ABIGAIL S	P	P	P	P	P	P
2	42240002	ANANTHA NARASIMAN C	P	P	P	P	P	P
3	42240003	ANNA SHAFIKA V	P	P	P	P	P	P
4	42240004	ARVIND N	P	P	P	P	P	P
5	42240005	AVANTHIKA KADHIRESAN	P	P	P	P	P	P
6	42240006	BHAVANA SURESH	P	P	P	P	P	P
7	42240007	DHARUN C J	P	P	P	P	P	P
8	42240008	DINESH S	P	P	P	P	P	P
9	42240010	DONATELLA J	P	P	P	P	P	P
10	42240011	GUHAN S	P	P	P	A	P	P
11	42240012	GURUBARAN S	P	P	P	P	P	P
12	42240013	HARIHARAN G	P	P	P	P	P	P
13	42240015	HARSHINI R	P	P	P	P	P	P
14	42240016	JAYAPRIYA.R	P	A	P	P	P	P
15	42240017	JAYASHREE . G	P	P	P	P	P	P
16	42240019	JOHAN SAMUEL. J	P	P	P	A	P	P
17	42240020	JOSHNA S	P	P	P	P	P	P
18	42240021	KANDUKURI SUDHA RANI	P	P	P	P	P	P
19	42240022	KARAN KALINGI R B	P	A	P	P	P	P
20	42240023	KARTHIGA R	P	P	P	P	P	P
21	42240024	KAVIYA P	P	P	P	P	P	P
22	42240025	KHARANIYA. K. S	P	P	P	P	P	P
23	42240026	KOLLA UJWALA	P	P	P	P	P	A
24	42240027	LOGESHWARAN SAI M	P	P	P	P	P	P
25	42240028	MADHUSMITA MAHILARY	P	P	P	P	P	P
26	42240029	MAXWELL RYAN JOSHUA	P	P	P	P	P	P
27	42240030	MOHAMED HARRIS.M	P	P	P	P	P	P
28	42240031	MOHAMED RABIS M	A	P	P	P	P	P
29	42240033	NANDHANA SUJITH	P	P	P	P	P	P
30	42240034	NISHA D R	P	P	P	P	P	P

31	42240035	PASUPULETI HANUDEEP KAUSHIK	P	P	P	P	P	P
32	42240036	POOJA P	P	P	P	P	P	P
33	42240037	PRABAKARAN. E	P	P	P	P	A	P
34	42240038	PRANESH R L	P	P	P	P	P	P
35	42240039	PULLETIKURTHI SRI AKHILA	P	P	P	P	P	P
36	42240040	RAGUL TR	P	P	P	P	P	P
37	42240041	RAMITHRA P	P	P	P	P	P	P
38	42240042	RAMYA . K	P	P	P	P	P	P
39	42240043	REBEKAH EZHIL PANNEERSELVAM	P	P	P	P	P	P
40	42240044	RITHIKA S	P	P	P	P	P	P
41	42240045	RIYUKTHA S	P	P	P	P	P	P
42	42240046	ROHAN M	P	A	P	P	P	P
43	42240047	ROHIND K	P	P	P	P	P	P
44	42240048	ROHIT DARSHAN.P	P	P	P	A	P	P
45	42240049	SANJAY K	P	P	P	P	P	P
46	42240050	SHAHUL HAMEED S	P	P	P	P	P	P
47	42240051	SHAIK MAHAMMAD ASIM	P	P	P	P	A	P
48	42240052	SHREYA S	P	P	P	P	P	P
49	42240053	SIVABALAN A	P	P	P	P	P	A
50	42240054	SRIVARDHINI . R	P	P	P	P	P	P
51	42240055	SUCHARITA SAMPATH	P	P	P	P	P	P
52	42240056	TARAN JOSHUA J	P	P	A	P	P	P
53	42240057	THARUN E	P	P	P	P	P	P
54	42240058	UDHAYA REENA R V	P	P	P	P	P	P
55	42240059	VINISHA SENTHIL KUMAR	P	P	P	P	P	P
56	42240060	VISHNU PRASATH M B	P	P	P	P	P	P
57	42240061	GEERTHANA.R	P	P	P	P	P	P
58	42240062	VARSHA VINOD	P	P	P	P	P	P
59	42240063	ANEESHA S	P	P	P	P	P	P
60	42240064	THARUN KUMAR P	P	P	A	P	P	P
61	42240065	LATHIKA J R	P	P	P	P	P	P
62	42240066	YUVAN SHANKAR N	A	P	P	P	P	P



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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. MAXWELL RYAN JOSHUA Reg. No. 42240029) student of Biomedical Engineering has successfully completed the 30 hours Value added course on “Data Acquisition using Arduino and ESP32” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 22.04.2024 to 27.04.2024.

Dr. P. GRACE KANMANI
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
HOD-BIOMEDICAL



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CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Ms. LATHIKA J R (Reg. No. 42240065) student of Biomedical Engineering has successfully completed the 30 hours Value added course on “Data Acquisition using Arduino and ESP32” organized by the Department of Biomedical Engineering, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai from 22.04.2024 to 27.04.2024.

Dr. P. GRACE KANMANI
PROGRAM CO-ORDINATOR

DR. T. SUDHAKAR
HOD-BIOMEDICAL