

1.3.2 - VALUE ADDED COURSES.

A.Y 2022-23



AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY (AUTONOMOUS)

Approved by AICTE, New Delhi; Permanently Affiliated to JNTUK, Kakinada,
Recognized by UGC under 2(f) & 12(B) of 1956 Act.,
An ISO 9001:2015 Certified institution, Accredited by NAAC "A" Grade,
Paritala, Kanchikacherla, Krishna Dist., Andhra Pradesh – 521 180.
www.amritasai.org.in, Phone: 0866-2428399

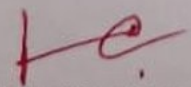


INDEX

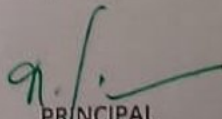
A.Y-2022-23

1.3.2 Number of certificate/ value added courses/ Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms where the students of the institution have enrolled and successfully completed during the last five Years

S.No	Name of the course/programme	Course/ programme Code (if any)	Mode of the Course- offered by the HEI or Online (Specify the platform like MOOCs, SWAYAM, etc.)	Year of offering /Year of enrolme nt	Conta ct hours of cours e	Num ber of stude nts enroll ed in the year	Numbe r of Studen ts comple ting the course in the year
1	"IOT Applications In Smart City	B.TECH- EEE	Value Added Course	2022-23	84	119	119
2	Power Electronics Applications In Smart Grids And Electric Vehicles	B.TECH- EEE	Value Added Course	2022-23	84	29	29
3	PCB DESIGN	B.TECH- ECE	Value Added Course	2022-23	42	188	188
4	Application of IOT	B.TECH- ECE	Value Added Course	2022-23	84	120	120
5	Machine Learning	B.TECH- CSE	Value Added Course	2022-23	84	90	90
6	Artificial Intelligence	B.TECH- CSE	Value Added Course	2022-23	84	90	90
7	Auto CAD	B.TECH- CIVIL	Value Added Course	2022-23	84	35	35
8	Geo Graphical Information Systems(GIS)	B.TECH- CIVIL	Value Added Course	2022-23	84	35	35
9	Solar Photovoltaic Fundamentals, Technology and Applications	B.TECH- MECH	Value Added Course	2022-23	84	40	40
10	Solid Works	B.TECH- MECH	Value Added Course	2022-23	84	50	50


IQAC COORDINATOR

IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

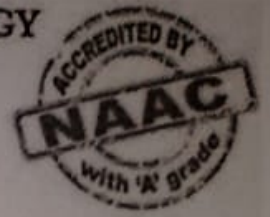

PRINCIPAL

PRINCIPAL
Amrita Sai Institute of Science and Technology
Amrita Sai Nagar, Paritala
Krishna Dist 521 180



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www.amritasai.org.in, Phone: 0866 2428399.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Paritala,

Dt: 01/09/2022.

Circular

This is to inform that the department of electrical & electronics engineering is conducting two weeks value added course on **"IOT Applications In Smart City"** for benefit of II & III B.Tech students from 05/09/2022 to 17/09/2022.

Venue: Seminar Hall, Electrical Engineering Department, ASIST
Co-ordinator: Mr K.Siva Shankar
Asst.Professor, EEE Dept.

Signature of All HODs						IQAC	OFFICE	LIBRARY

EEE HOD

HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering,
Amrita Sai Institute of Science and Techno
Paritala (PO); Kanchikacherla (MD); Krishna

Copy To:

- All staff members
- III B.Tech Students
- II B.Tech Students
- Notice board
- File



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Dt: 05/09/2022.

WEEK/DAY-WISE COURSE SCHEDULE

Name of the Program: Two weeks value added course on "IoT Applications in Smart City"

S.No	Day	Date	Topics To Be Covered
1	Monday	05/09/2022	Introduction electronic components, soldering
2	Tuesday	06/09/2022	Introduction to IoT
3	Wednesday	07/09/2022	Basics of Networking, Communication Protocols
4	Thursday	08/09/2022	Sensor Networks
5	Friday	09/09/2022	Machine-to-Machine Communications
6	Saturday	10/09/2022	Interoperability in IoT, Introduction to Arduino Programming
7	Monday	12/09/2022	Integration of Sensors and Actuators with Arduino
8	Tuesday	13/09/2022	Introduction to Python programming, Introduction to Raspberry Pi
9	Wednesday	14/09/2022	Implementation of IoT with Raspberry Pi, Introduction to SDN
10	Thursday	15/09/2022	SDN for IoT, Data Handling and Analytics
11	Friday	16/09/2022	Cloud Computing ,Sensor-Cloud
12	Saturday	17/09/2022	Fog Computing, Smart Cities and Smart Homes, Connected Vehicles, Smart Grid, Industrial IoT

COORDINATOR

HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Amrita Sai Institute of Science and Technology
Paritala (PO), Kanchikacherla (MD), Krishna (Dt).

IQAC

IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala - 521180

VALUE ADDED COURSE ON "IOT Applications In Smart City"

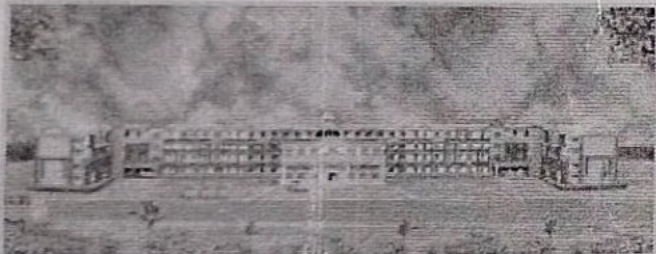
From
05/09/2022 to 17/09/2022

Convener

Mr T.RAKESH, Prof.& Head

Organized by

Department of
Electrical and Electronics Engineering



AMRITA SAI

INSTITUTE OF SCIENCE & TECHNOLOGY
(AUTONOMOUS)

Approved by AICTE New Delhi

Affiliated to JNTU, Kakinada

Paritala, Krishna District-521180(A.P)

An ISO 9001:2008 Certified Institution

website: www.amritasai.org.in

About Our College:

Amrita Sai Institute of Science and Technology is a synonym for qualitative academic pursuit which churns the knowledge of the students in order to reap the best technocrats who can change the shape of the global standards in engineering arena. This institution is established in the year 2007, under the Amrita Sai Educational Improvement Trust, a visionary academy, serves the needs of education sector in bringing up the highly qualified Engineers. This institution is situated in a pollution free, serene environment and surrounded with beautiful fields alluring the attention of people at Paritala, Kanchikacherla Mandal, nearer to Vijayawada city which has been a centre of knowledge for years.

Courses Offered: Civil, Mechanical, CSE, CSD, CSM, CBA, CIC, ECE, EEE & IT, M Tech- ECE, EEE, CSE, MCA, and MBA. Amrita Sai Institute of Science and Technology is Approved by AICTE, New Delhi, affiliated to JNTU, Kakinada. Recognized by Govt. of A.P. Managed by Amrita Sai Educational Improvement Trust, Paritala, Kachikacherla (M.D.), Krishna Dist. A.P.

This institution provides uncompromising infrastructural facilities with state - of - the - art laboratories, spacious and well - structured class rooms, drawing hall, and workshop and conference room to cater to the instructional needs of the students.

About the Department:

Electricals rules the modern world.. The department of Electrical And Electronics Engineering was established in the year 2007 with an intake of 60 with a mission to mould the students as the best technocrats and prepare them to face the ever changing challenges in the electrical industry. A key feature of the programme is its balanced core and flexible elective structure designed to provide our graduates with sound fundamental and practical engineering education. The broad curriculum enables graduates to pursue careers of different nature or, as many of our graduates find the studies more fascinating, to undertake further study in various disciplines.

The Department of EEE trains the students with good knowledge and skills essential to become a complete product and to reach the present day employment requirements. The department has highly qualified and well experienced faculty in good number. Highly sophisticated and well equipped labs are added advantage for the benefit of student learning and application.

About the Program:

Cities, big and small, are becoming densely populated owing to the rise in urbanization. To efficiently manage traffic congestion, sanitation, waste management, environmental degradation & increasing energy consumption, municipalities are turning to innovative city solutions, such as the Internet of Things (IoT). Implementing IoT-based smart city solutions is making urban life more convenient and safer. It is while helping cities improve infrastructure & public utility services. This article will explore the potential of IoT technology with practical IoT smart city examples, potential benefits, and more.

Program Schedule:

05/09/2022 to 17/09/2022

Recourse Person:

Dr. S.Ravi Chand,

HOD & Professor, Dept of ECE,

Nalla Malla Reddy Institute of Technology,
Hyderabad.

Coordinators:

Mrs J.SUSMITHA

Mr K.SIVA SHANKAR

Organizing Committee:

Mr SK.NAZEER

Mr A. KARUNAKAR

Mr K.SABARINATH

Mrs M.VIJITHA



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

PROGRAM REPORT

**TWO WEEKS VALUE ADDED COURSE ON
"IOT Applications in Smart City"**

From

05/09/2022 to 17/09/2022

Resource Person:

Dr. S.Ravi Chand,

HOD & Professor, Dept of ECE,

Nalla Malla Reddy Institute of Technology,
Hyderabad.

Faculty Coordinators:

1. Mrs J.SUSMITHA
Assistant Professor
Ph.no: 8885135969
Mailid: javvadi.susmitha@gmail.com
2. Mr K.SIVA SHANKAR
Assistant Professor
Ph.no: 9494445050
Mailid: shankartej.201@gmail.com

Number of students attended: 80

Venue: Seminar Hall, EEE Department

The department of electrical & electronics engineering is conducting two weeks value added course on "IOT Applications in Smart City" for benefit of II & III B.Tech students, by resource person Dr. S.Ravi Chand, In this part, the Program has been designed to help the students learn the basics of IoT & students learn about few reasons why we need IoT for smart cities. Totally 80 students were participated in this training program and after the completion of the program they were able to understand the following objectives and learning outcomes.

Course objectives:

The objective of the course is:

- To provide basic infrastructure services such as water supply, sanitation, solid waste management, and efficient urban mobility.
- To create a citizen-friendly and sustainable urban environment through the use of technology and data-driven governance.

- To enhance the quality of life for citizens and make cities more livable by providing access to green spaces, parks, and other amenities.

The topics covered:-

- Introduction electronic components, soldering
- Introduction to IoT
- Basics of Networking, Communication Protocols
- Sensor Networks
- Machine-to-Machine Communications
- Interoperability in IoT, Introduction to Arduino Programming
- Integration of Sensors and Actuators with Arduino
- Introduction to Python programming, Introduction to Raspberry Pi
- Implementation of IoT with Raspberry Pi, Introduction to SDN
- SDN for IoT, Data Handling and Analytics
- Cloud Computing ,Sensor-Cloud
- Fog Computing, Smart Cities and Smart Homes, Connected Vehicles, Smart Grid, Industrial IoT



Outcomes of the program:

After completing this course, a student will be able to:

- Understanding of IoT (Internet of Things) principles and its applications
- Familiarity with big data and data analytics
- Basic coding skills
- Experience in designing and implementing cloud-based solutions.
- Background in app development using IoT Hub services.

This course was very useful to the students and their feedback is positive. The management and Dr M.Sashidhar Gaaru, Principal of Amritasai Institute of Science and Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1. 
2. 

Signature of the HOD

HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Amrita Sai Institute of Science and Technology
Paritala (PO), Kanthikachera (MD), Krishna (M)



IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180





LIST OF ENROLLED STUDENTS

Name of Program- "IOT Applications in Smart City"

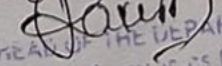
S.No	Regd No	Name of the Student	Year/ Branch	Signature
1	21AJ1A0202	Chittem Bindu Madhavi	B.TECH(EEE)_2 nd YEAR	Ch. Bindu
2	21AJ1A0203	Dhulipudi Niharika	B.TECH(EEE)_2 nd YEAR	D. Niharika
3	21AJ1A0204	Kota Raju	B.TECH(EEE)_2 nd YEAR	R. Raju
4	21AJ1A0206	Madugula Rahul	B.TECH(EEE)_2 nd YEAR	M. Rahul
5	21AJ1A0207	Malapati Nagamani	B.TECH(EEE)_2 nd YEAR	M. Nagamani
6	21AJ1A0208	Mellempudi Anudeep	B.TECH(EEE)_2 nd YEAR	M. Anudeep
7	21AJ1A0209	Modugu Yaswanth	B.TECH(EEE)_2 nd YEAR	M. Yaswanth
8	21AJ1A0210	Murimuri Teja Sri	B.TECH(EEE)_2 nd YEAR	M. Teja
9	21AJ1A0211	Pokuri Sai Krishna	B.TECH(EEE)_2 nd YEAR	P. Sai Krishna
10	21AJ1A0212	Potla Anusha	B.TECH(EEE)_2 nd YEAR	P. Anusha
11	21AJ1A0213	Puli Vijay Kumar	B.TECH(EEE)_2 nd YEAR	P. Vijay Kumar
12	21AJ1A0214	Rayala Likitha	B.TECH(EEE)_2 nd YEAR	R. Likitha
13	21AJ1A0215	Sundarasetty Sukumar	B.TECH(EEE)_2 nd YEAR	S. Sukumar
14	21AJ1A0216	Tangirala Sai Sree	B.TECH(EEE)_2 nd YEAR	T. Sai Sree
15	22AJ5A0201	Abdul Hafeez	B.TECH(EEE)_2 nd YEAR	Abdul Hafeez
16	22AJ5A0202	Boddu Naga Sathish	B.TECH(EEE)_2 nd YEAR	B. Naga Sathish
17	22AJ5A0203	Bolleddu Naga Babu	B.TECH(EEE)_2 nd YEAR	B. Naga Babu
18	22AJ5A0204	Bonagiri Ajay	B.TECH(EEE)_2 nd YEAR	B. Ajay
19	22AJ5A0205	Bonige Narendra Kumar	B.TECH(EEE)_2 nd YEAR	B. Narendra Kumar
20	22AJ5A0206	Chinta Veera Mohan	B.TECH(EEE)_2 nd YEAR	Chinta Veera Mohan
21	22AJ5A0207	Doddi Venkata Roopesh	B.TECH(EEE)_2 nd YEAR	D.V. Roopesh
22	22AJ5A0208	Gangisetty Venkata Durga Prasad	B.TECH(EEE)_2 nd YEAR	G.V. Durga Prasad
23	22AJ5A0209	Ganivada Ramakrishna	B.TECH(EEE)_2 nd YEAR	G. Ramakrishna
24	22AJ5A0210	Gavara Vamsi Krishna	B.TECH(EEE)_2 nd YEAR	G. Vamsi Krishna
25	22AJ5A0211	Gollu Kumari	B.TECH(EEE)_2 nd YEAR	G. Kumari
26	22AJ5A0212	Guggili Vinod	B.TECH(EEE)_2 nd YEAR	G. Vinod
27	22AJ5A0213	Gunde Hareesh	B.TECH(EEE)_2 nd YEAR	G. Hareesh
28	22AJ5A0214	Hadia Chintamani	B.TECH(EEE)_2 nd YEAR	H. Chintamani
29	22AJ5A0215	Jonnalagadda Gopi Nadh	B.TECH(EEE)_2 nd YEAR	J. Gopi Nadh
30	22AJ5A0216	Jujjavarapu Anand Paul	B.TECH(EEE)_2 nd YEAR	J. Anand Paul
31	22AJ5A0217	Kakulla David Livingston	B.TECH(EEE)_2 nd YEAR	K. David Livingston
32	22AJ5A0218	Kampa Lokesh	B.TECH(EEE)_2 nd YEAR	K. Lokesh
33	22AJ5A0219	Katari Hitesh Ram	B.TECH(EEE)_2 nd YEAR	K. Hitesh Ram
34	22AJ5A0220	Keesari Venkata Siva Reddy	B.TECH(EEE)_2 nd YEAR	K. Venkata Siva Reddy
35	22AJ5A0221	Kotha Bhargav Ram	B.TECH(EEE)_2 nd YEAR	K. Bhargav Ram
36	22AJ5A0222	Kusumaraju Manikanta	B.TECH(EEE)_2 nd YEAR	K. Manikanta
37	22AJ5A0223	Lalam Bhargavi	B.TECH(EEE)_2 nd YEAR	L. Bhargavi
38	22AJ5A0224	M Durga Venkata Surya Prakash	B.TECH(EEE)_2 nd YEAR	M. Venkata Surya Prakash
39	22AJ5A0225	Mandru Durga Krishna Chaithanya	B.TECH(EEE)_2 nd YEAR	M. Durga Krishna Chaithanya
40	22AJ5A0226	Mekala Prakash Raj	B.TECH(EEE)_2 nd YEAR	M. Prakash Raj
41	22AJ5A0227	Nalam Mohan Ramana	B.TECH(EEE)_2 nd YEAR	N. Mohan Ramana
42	22AJ5A0228	Pedamuthevi Nagaraju	B.TECH(EEE)_2 nd YEAR	P. Nagaraju
43	22AJ5A0229	Polaka Ramanareddy	B.TECH(EEE)_2 nd YEAR	P. Ramanareddy

44	22AJ5A0230	Ranga Jagadish	B.TECH(EEE)_2 nd YEAR	R. J.
45	22AJ5A0231	Sarvasuddi Sai	B.TECH(EEE)_2 nd YEAR	S. Sai
46	22AJ5A0232	Shaik Imran	B.TECH(EEE)_2 nd YEAR	SK-Imran
47	22AJ5A0233	Shaik Subhani	B.TECH(EEE)_2 nd YEAR	Sk. Subhani
48	22AJ5A0234	Thummala Praveen	B.TECH(EEE)_2 nd YEAR	T. Praveen
49	22AJ5A0235	Tungala Venkata Naga Durga Prasad	B.TECH(EEE)_2 nd YEAR	T. Durga Prasad
50	22AJ5A0236	Varada Venkatesh	B.TECH(EEE)_2 nd YEAR	V. Venkatesh
51	22AJ5A0237	Velamala Kartheek Sai	B.TECH(EEE)_2 nd YEAR	V. Kartheek Sai
52	20AJ1A0204	Chalamala Vinay	B.TECH(EEE)_3 rd YEAR	Vinay
53	20AJ1A0205	Darsanala Rakesh	B.TECH(EEE)_3 rd YEAR	D. Rakesh
54	20AJ1A0207	Guddeti Eswar Jaya Reddy	B.TECH(EEE)_3 rd YEAR	G. E. J. Reddy
55	20AJ1A0209	Jupalli Bhavya Harika	B.TECH(EEE)_3 rd YEAR	J. Bhavya Harika
56	20AJ1A0211	Kuruba Nagaveni	B.TECH(EEE)_3 rd YEAR	K. Nagaveni
57	20AJ1A0212	Lingamgunta Leela Krishna	B.TECH(EEE)_3 rd YEAR	L. Leelakrishna
58	20AJ1A0213	Maddineni Mahesh	B.TECH(EEE)_3 rd YEAR	M. Mahesh
59	20AJ1A0215	Maremalla Venkateshwar Rao	B.TECH(EEE)_3 rd YEAR	M.V. Rao
60	20AJ1A0216	Meka Swarnalatha	B.TECH(EEE)_3 rd YEAR	Swarnalatha
61	20AJ1A0218	Nallani Naveen	B.TECH(EEE)_3 rd YEAR	N. Naveen
62	20AJ1A0223	Shaik Sadikunnisa	B.TECH(EEE)_3 rd YEAR	Sadi Kunnis
63	20AJ1A0225	Vanimireddy Sanjay Sri Kumar	B.TECH(EEE)_3 rd YEAR	Sri Kumar
64	21AJ5A0201	Addanki Hari Krishna	B.TECH(EEE)_3 rd YEAR	A. Hari Krishna
65	21AJ5A0202	Bollina Sai Krishna	B.TECH(EEE)_3 rd YEAR	B. Sai Krishna
66	21AJ5A0204	Gottipati Yasaswi Bhavani Sankar	B.TECH(EEE)_3 rd YEAR	Sankar
67	21AJ5A0205	Gudupudi Mahesh	B.TECH(EEE)_3 rd YEAR	G. Mahesh
68	21AJ5A0206	Gugulothu Naveen Naik	B.TECH(EEE)_3 rd YEAR	Naveen Naik
69	21AJ5A0207	Kolluru Subrahmanyam	B.TECH(EEE)_3 rd YEAR	Subrahman
70	21AJ5A0208	L Gagana Srinivasa Rao	B.TECH(EEE)_3 rd YEAR	L. G. Srinivasa Rao
71	21AJ5A0209	Maddala Sandeep Kumar	B.TECH(EEE)_3 rd YEAR	Sandeep Kumar
72	21AJ5A0210	Meripo Ramya Sri	B.TECH(EEE)_3 rd YEAR	M. Ramya Sri
73	21AJ5A0211	Narra Triveni	B.TECH(EEE)_3 rd YEAR	N. TRIVENI
74	21AJ5A0212	Yarraguntla Raviteja	B.TECH(EEE)_3 rd YEAR	Raviteja
75	21AJ5A0213	Shaik Ameerunnisa	B.TECH(EEE)_3 rd YEAR	SK. Ameerunnisa
76	21AJ5A0214	Suryam Venkata Durga Pradeep	B.TECH(EEE)_3 rd YEAR	S.V.D. Pradeep
77	21AJ5A0215	Syed Gaffrin Rabiya	B.TECH(EEE)_3 rd YEAR	S. G. Rabiya
78	21AJ5A0216	Turlapati Venkata Kanvas Naga Sai	B.TECH(EEE)_3 rd YEAR	Nagasai
79	21AJ5A0217	Vaddisala Arun Kumar	B.TECH(EEE)_3 rd YEAR	V. Arun
80	21AJ5A0218	Banavathu Devi Sai	B.TECH(EEE)_3 rd YEAR	B. Devi Sai

Signature of the Coordinators

1. 
2. 

Signature of the HOD


 HEAD OF THE DEPARTMENT
 Electrical & Electronics Engineering
 Amrita Sai Institute of Science and Technology
 Amrita Sai Nagar, Paritala (MD), Krishna - 521100

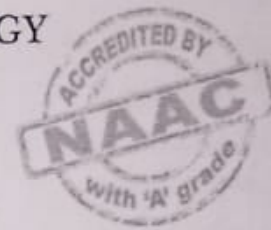
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DAY- WISE ATTENDANCE SHEET

Name of Program- "IOT Applications in Smart City"

S.No	Regd No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1	21AJ1A0202	Chittem Bindu Madhavi	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	A	Bindu	Bindu	Bindu	Bindu	11
2	21AJ1A0203	Dhulipudi Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	A	Niharika	Niharika	Niharika	Niharika	11
3	21AJ1A0204	Kota Raju	Raju	Raju	Raju	Raju	Raju	Raju	A	Raju	Raju	Raju	Raju	Raju	11
4	21AJ1A0206	Madugula Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	A	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	11
5	21AJ1A0207	Malapati Nagamani	Nagamani	Nagamani	Nagamani	Nagamani	Nagamani	Nagamani	A	Nagamani	Nagamani	Nagamani	Nagamani	Nagamani	11
6	21AJ1A0208	Mellempudi Anudeep	Anudeep	Anudeep	Anudeep	Anudeep	Anudeep	Anudeep	A	Anudeep	Anudeep	Anudeep	Anudeep	Anudeep	11
7	21AJ1A0209	Modugu Yaswanth	Yaswanth	Yaswanth	Yaswanth	Yaswanth	Yaswanth	Yaswanth	Yaswanth	Yaswanth	Yaswanth	A	Yaswanth	Yaswanth	11
8	21AJ1A0210	Murimuri Teja Sri	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	12
9	21AJ1A0211	Pokuri Sai Krishna	P Sai	P Sai	P Sai	P Sai	P Sai	P Sai	P Sai	P Sai	P Sai	P Sai	P Sai	P Sai	12
10	21AJ1A0212	Potla Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	12
11	21AJ1A0213	Puli Vijay Kumar	Vijay	Vijay	Vijay	Vijay	A	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	11
12	21AJ1A0214	Rayala Likitha	Likitha	Likitha	Likitha	Likitha	Likitha	A	Likitha	Likitha	Likitha	Likitha	Likitha	Likitha	11
13	21AJ1A0215	Sundarasetty Sukumar	Sukumar	Sukumar	Sukumar	Sukumar	Sukumar	Sukumar	Sukumar	Sukumar	Sukumar	A	Sukumar	Sukumar	12
14	21AJ1A0216	Tangirala Sai Sree	Sai Sree	Sai Sree	Sai Sree	Sai Sree	Sai Sree	Sai Sree	Sai Sree	Sai Sree	Sai Sree	Sai Sree	A	Sai Sree	11
15	22AJ5A0201	Abdul Hafeez	Hafeez	Hafeez	Hafeez	Hafeez	Hafeez	A	Hafeez	Hafeez	Hafeez	Hafeez	Hafeez	Hafeez	11
16	22AJ5A0202	Boddu Naga Sathish	B Naga	B Naga	B Naga	B Naga	B Naga	A	B Naga	B Naga	B Naga	B Naga	B Naga	B Naga	11
17	22AJ5A0203	Bolleddu Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	Naga Babu	11
18	22AJ5A0204	Bonagiri Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	11
19	22AJ5A0205	Bonige Narendra Kumar	Narendra	Narendra	Narendra	Narendra	Narendra	Narendra	Narendra	Narendra	Narendra	Narendra	Narendra	Narendra	11
20	22AJ5A0206	Chinta Veera Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	12
21	22AJ5A0207	Doddi Venkata Roopesh	P.V.R	P.V.R	P.V.R	P.V.R	P.V.R	A	P.V.R	P.V.R	P.V.R	P.V.R	P.V.R	P.V.R	11
22	22AJ5A0208	Gangiseti Venkata Durga Prasad	G.VDP	G.VDP	G.VDP	G.VDP	G.VDP	G.VDP	G.VDP	G.VDP	G.VDP	A	G.VDP	G.VDP	12
23	22AJ5A0209	Ganivada Ramakrishna	G.Ram	G.Ram	G.Ram	G.Ram	G.Ram	G.Ram	G.Ram	G.Ram	G.Ram	A	G.Ram	G.Ram	11

AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of Electrical and Electronics Engineering



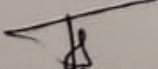
Certificate

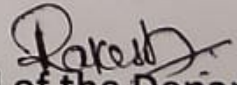
Of participation

A Two Weeks Value Added Course On

“IOT Applications in Smart City”

Mr/Ms GUDUPUDI MAHESH has participated in the two week value added certificate programme on "Solar Photovoltaic Fundamentals, Technology and Applications", organized by department of electrical & electronics engineering held on 05-09-2022 to 17-09-2022 in Amrita Sai Institute of Science and Technology.


Coordinator


Head of the Department



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

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Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada,

Recognized by UGC under 2(f) & 12(B) of 1956 Act.,

ISO 9001:2015 Certified Institution, Accredited by NAAC "A" Grade,

Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.

www.amritasai.org.in, Phone: 0866 2428399.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Paritala,

Dt: 28/01/2023.

Circular

This is to inform that the department of electrical & electronics engineering is conducting two weeks value added course on **"Power Electronics Applications In Smart Grids And Electric Vehicles"** for benefit of III B.Tech students from 30/01/2023 to 11/02/2023.

Venue: Seminar Hall, Electrical Engineering Department, ASIST

Co-ordinator: Mr P.Sai Charan,

Asst.Professor, EEE Dept.

Signature of All HODs						IQAC	OFFICE	LIBRARY

EEE HOD

HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Amrita Sai Institute of Science and Technology
Paritala (PO): Kanchikacherla (MD): Krishna

Copy To:

- All staff members
- III B.Tech Students
- Notice board
- File



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

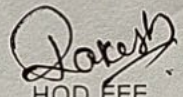
Dt: 30/01/2023.

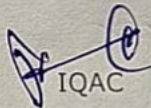
WEEK/DAY-WISE COURSE SCHEDULE

Name of the Program: Two weeks value added course on "Power Electronics Applications in Smart Grids and Electric Vehicles"

S.No	Day	Date	Topics To Be Covered
1	Monday	30/01/2023	Power Quality Issues in EV charging stations
2	Tuesday	31/01/2023	Integration of Electric Vehicles in Smart Grids
3	Wednesday	01/02/2023	Multi-level Inverter fed PMSM Drive for EV Applications
4	Thursday	02/02/2023	DC-DC converters for RES Integration
5	Friday	03/02/2023	Multilevel converter based grid connected renewable energy conversion system
6	Saturday	04/02/2023	Model Predictive Controlled electric motor drives for EV applications
7	Monday	06/02/2023	Role of interface power converters
8	Tuesday	07/02/2023	Novel search space reduction optimization technique
9	Wednesday	08/02/2023	Capacity building/Personal Effectiveness
10	Thursday	09/02/2023	Smart Electric Grid
11	Friday	10/02/2023	Sensor less PMSM drive for HEV application
12	Saturday	11/02/2023	Power Converters in Electric Vehicles


COORDINATOR


HOD EEE
HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Amrita Sai Institute of Science and Technology
Paritala (PO), Kanchikacherla (MD), Krishna (Dt.)


IQAC

IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

**VALUE ADDED COURSE ON
"Power Electronics Applications in Smart
Grids and Electric Vehicles"**

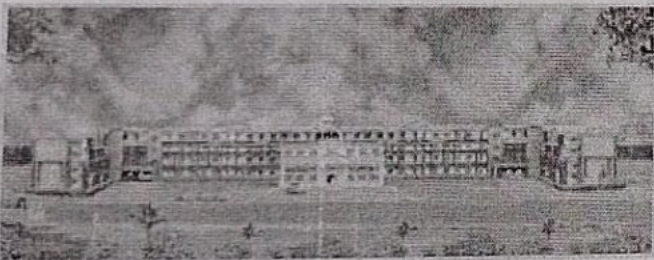
From
30/01/2023 to 11/02/2023

Convener

Mr T.RAKESH, Prof.& Head

Organized by

Department of
Electricals and Electronics Engineering



AMRITA SAI

INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Approved by A. CTE New Delhi

Affiliated to JNTU, Kakinada

Paritala, Krishna District-521180(A.P)

An ISO 9001:2008 Certified Institution

website: www.amritasai.org.in

About Our College:

Amrita Sai Institute of Science and Technology is a synonym for qualitative academic pursuit which churns the knowledge of the students in order to reap the best technocrats who can change the shape of the global standards in engineering arena. This institution is established in the year 2007, under the Amrita Sai Educational Improvement Trust, a visionary academy, serves the needs of education sector in bringing up the highly qualified Engineers. This institution is situated in a pollution free, serene environment and surrounded with beautiful fields alluring the attention of people at Paritala, Kanchikacherla Mandal, nearer to Vijayawada city which has been a centre of knowledge for years.

Courses Offered: Civil, Mechanical, CSE,CSD,CBA,CSM,CIC, ECE, EEE & IT, M Tech-ECE, EEE, CSE, MCA, and MBA. Amrita Sai Institute of Science and Technology is Approved by AICTE, New Delhi, affiliated to JNTU, Kakinada, Recognized by Govt. of A.P. Managed by Amrita Sai Educational Improvement Trust, Paritala, Kachikacherla (M.D.), Krishna Dist. A.P.

This institution provides uncompromising infrastructural facilities with state - of - the - art laboratories, spacious and well - structured class rooms, drawing hall, and workshop and conference room to cater to the instructional needs of the students.

About the Department:

Electricals rules the modern world.. The department of Electrical And Electronics Engineering was established in the year 2007 with an intake of 60 with a mission to mould the students as the best technocrats and prepare them to face the ever changing challenges in the electrical industry. A key feature of the programme is its balanced core and flexible elective structure designed to provide our graduates with sound fundamental and practical engineering education. The broad curriculum enables graduates to pursue careers of different nature or, as many of our graduates find the studies more fascinating, to undertake further study in various disciplines.

The Department of EEE trains the students with good knowledge and skills essential to become a complete product and to reach the present day employment requirements. The department has highly qualified and well experienced faculty in good number. Highly sophisticated and well equipped labs are added advantage for the benefit of student learning and application.

About the Program:

The restructuring and deregulation of electric utilities together with recent progress in Smart grid and Renewable Energy Technologies introduce unprecedented challenges and wide scope for power and energy systems research and open up new opportunities to young Power Engineers. The advancement in Power & Energy with the vision of redefining the Conventional Power System as an Intelligent Power Grid with a blend of the latest technologies like Smart Sensing, Cyber Physical System and ICT coupled with Renewable Energy Sources, Electric Vehicle, and Energy Storage etc. will be the key factors to a sustainable world for future generations

Program Schedule:

30/01/2023 to 11/02/2023

Recourse Person:

Dr. T.Ramesh,

Asst Professor, Dept of EEE,

National Institute of Technology,

Tadepalligudem.

Coordinators:

Mrs B.NAGAMANI

Mr P.SAI CHARAN

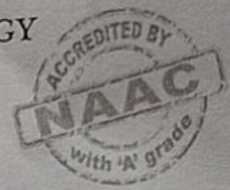
Organizing Committee:

Mrs P.REVATHI

Mr B.GOPI

Mr K.SIVA SHANKAR

Mrs J.SUSMITHA



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
PROGRAM REPORT

TWO WEEKS VALUE ADDED COURSE ON

"Power Electronics Applications in Smart Grids and Electric Vehicles"

From

30/01/2023 to 11/02/2023

Resource Person:

Dr. T.Ramesh,
Asst Professor, Dept of EEE,
National Institute of Technology,
Tadepalligudem.

Faculty Coordinators:

1. Mrs B.NAGAMANI
Assistant Professor
Ph.no:9347775211
Mailid.sonuchinnu1005@gmail.com
2. Mr P.SAI CHARAN
Assistant Professor
Ph.no:8074444179
Mailid:venkat10aj@gmail.com

Number of students attended: 29

Venue: Seminar Hall, EEE Department

The department of electrical & electronics engineering is conducting two weeks value added course on **"Power Electronics Applications in Smart Grids and Electric Vehicles"** for benefit of IV B.Tech students, by resource person Dr. K.Sathish Kumar, In this part, the Program has been designed to help the students learn how the Power electronics plays a vital role in smart grid implementation and its development. Totally 29 students were participated in this training program and after the completion of the program they were able to understand the following objectives and learning outcomes:

Course objectives:

The objective of the course is:

This course provides knowledge about

- Smart electric power grids, including definition, design criteria, technology.
- Information processing and communications to the power grid
- Understanding the development of the smart grid

- Smart grid design, implementation, evaluation and management of smart electricity infrastructure

The topics covered:-

- Power Quality Issues in EV charging stations
- Integration of Electric Vehicles in Smart Grids
- Multi-level Inverter fed PMSM Drive for EV Applications
- DC-DC converters for RES Integration
- Multilevel converter based grid connected renewable energy conversion system
- Model Predictive Controlled electric motor drives for EV applications
- Role of interface power converters
- Novel search space reduction optimization technique: programming and implementation
- Capacity building/Personal Effectiveness
- Smart Electric Grid
- Sensor less PMSM drive for HEV application
- Power Converters in Electric Vehicles

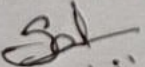
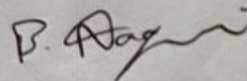
Outcomes of the program:

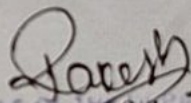
After completing this course, a student will be able to:

- Understanding the Fundamental concepts of electric power conversion
- Analyze the behavior of power converters under steady state conditions
- Understanding the control techniques of power converters
- Design and development of power converter circuits, magnetic and protection systems for field applications

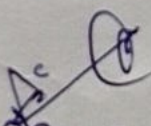
This course was very useful to the students and their feedback is positive. The management and Dr M.Sashidhar Gaaru, Principal of Amritasai Institute of Science and Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1. 
2. 


Signature of the HOD

Amrita Sai Institute of Science and Technology
Paritala (PO), Kanthikacherla (MD), Krishna (DL)


IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180



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Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.
www.amritasai.edu.in, Phone: 0866 2428399.



LIST OF ENROLLED STUDENTS

Name of Program- "Power Electronics Applications in Smart Grids and Electric Vehicles"

S.No	Regd No	Name of the Student	Year/ Branch	Signature
1	20AJ1A0204	Chalamala Vinay	B.TECH(EEE)_3 rd YEAR	Vinay
2	20AJ1A0205	Darsanala Rakesh	B.TECH(EEE)_3 rd YEAR	Rakesh
3	20AJ1A0207	Guddeti Eswar Jaya Reddy	B.TECH(EEE)_3 rd YEAR	Jaya Reddy
4	20AJ1A0209	Jupalli Bhavya Harika	B.TECH(EEE)_3 rd YEAR	Bhavya Harika
5	20AJ1A0211	Kuruba Nagaveni	B.TECH(EEE)_3 rd YEAR	Nagaveni
6	20AJ1A0212	Lingamgunta Leela Krishna	B.TECH(EEE)_3 rd YEAR	Leela
7	20AJ1A0213	Maddineni Mahesh	B.TECH(EEE)_3 rd YEAR	Mahesh
8	20AJ1A0215	Maremalla Venkateshwar Rao	B.TECH(EEE)_3 rd YEAR	Venkat
9	20AJ1A0216	Meka Swarnalatha	B.TECH(EEE)_3 rd YEAR	Swarna latha
10	20AJ1A0218	Nallani Naveen	B.TECH(EEE)_3 rd YEAR	Naveen
11	20AJ1A0223	Shaik Sadikunnisa	B.TECH(EEE)_3 rd YEAR	Shaik Sadik
12	20AJ1A0225	Vanimireddy Sanjay Sri Kumar	B.TECH(EEE)_3 rd YEAR	S. Sanjay
13	21AJ5A0201	Addanki Hari Krishna	B.TECH(EEE)_3 rd YEAR	Hari Krishna
14	21AJ5A0202	Bollina Sai Krishna	B.TECH(EEE)_3 rd YEAR	Sai Krishna
15	21AJ5A0204	Gottipati Yasaswi Bhavani Sankar	B.TECH(EEE)_3 rd YEAR	Shankar
16	21AJ5A0205	Gudupudi Mahesh	B.TECH(EEE)_3 rd YEAR	Mahesh
17	21AJ5A0206	Gugulothu Naveen Naik	B.TECH(EEE)_3 rd YEAR	Naveen Naik
18	21AJ5A0207	Kolluru Subrahmanyam	B.TECH(EEE)_3 rd YEAR	Subrahmanyam
19	21AJ5A0208	L Gagana Srinivasa Rao	B.TECH(EEE)_3 rd YEAR	Gagan
20	21AJ5A0209	Maddala Sandeep Kumar	B.TECH(EEE)_3 rd YEAR	M. Sandeep
21	21AJ5A0210	Meripo Ramya Sri	B.TECH(EEE)_3 rd YEAR	Ramya
22	21AJ5A0211	Narra Triveni	B.TECH(EEE)_3 rd YEAR	Triveni
23	21AJ5A0212	Yarraguntla Raviteja	B.TECH(EEE)_3 rd YEAR	Raviteja
24	21AJ5A0213	Shaik Ameerunnisa	B.TECH(EEE)_3 rd YEAR	Ameerunnisa
25	21AJ5A0214	Suryam Venkata Durga Pradeep	B.TECH(EEE)_3 rd YEAR	Pradeep
26	21AJ5A0215	Syed Gaffrin Rabiya	B.TECH(EEE)_3 rd YEAR	Gaffrin
27	21AJ5A0216	Turlapati Venkata Kanvas Naga Sai	B.TECH(EEE)_3 rd YEAR	Naga Sai
28	21AJ5A0217	Vaddisala Arun Kumar	B.TECH(EEE)_3 rd YEAR	Arun
29	21AJ5A0218	Banavathu Devi Sai	B.TECH(EEE)_3 rd YEAR	Devi Sai

Signature of the Coordinators

- 1.
2. B. Dargani

Signature of the HOD

HEAD OF THE DEPARTMENT
Electrical & Electronic Engineering
Amrita Sai Institute of Science and Technology
Paritala (PO), Kanchikacherla (MD), Krishna Dist.

IQAC Coordinator

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

22	21AJ5A0211	Narra Triveni	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	12
23	21AJ5A0212	Yarraguntla Raviteja	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	12
24	21AJ5A0213	Shaik Ameerunnisa	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	12
25	21AJ5A0214	Suryam Venkata Durga Pradeep	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	12
26	21AJ5A0215	Syed Gaffrin Rabiya	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	12
27	21AJ5A0216	Turlapati Venkata Kanvas Naga Sai	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	12
28	21AJ5A0217	Vaddisala Arun Kumar	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	12
29	21AJ5A0218	Banavathu Devi Sai	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	<i>[Handwritten initials]</i>	12

Sai
Signature of the Coordinators

[Handwritten signature]
IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

[Handwritten signature]
Signature of the HOD
[Faint official stamp]

AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of Electrical and Electronics Engineering




Certificate


Of participation

A TWO WEEKS VALUE ADDED COURSE ON

“Power Electronics Applications in Smart Grids and Electric Vehicles”

Mr/Ms Darsanala Rakesh has participated in the two week value added certificate programme on "Power Electronics Applications in Smart Grids and Electric Vehicles", organized by department of electrical & electronics engineering held on 30/01/2023 to 11/02/2023 in Amrita Sai Institute of Science and Technology.


Coordinator


Head of the Department
Electrical & Electronics Engineering
Amrita Sai Institute of Science and Technology
Pavala (PO), Kanthakacharla (MD), Krishna (Dt)



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www.amritasai.edu.in, Phone: 0866 2428399.



DEPARTMENT OF ELECTRONICS & COMMUNICATIONS
ENGINEERING

Paritala,
Dt: 10/09/22.

CIRCULAR

This is to inform that the department of electronics & Communications engineering is conducting value added course on "PCB DESIGN" for benefit of II B.Tech students from 19/09/2022 to 24/09/2022.

All the students shall give their names to coordinator listed below on or before 13-09-2022. Hence, all the students are hereby informed to attend the classes without fail.

Venue: Seminar Hall, Department of ECE,
ASIST

Co-ordinator: Dr. SAMIRAN CHATTERJEE
Professor, Dept. of the ECE.

Signature of All HODs							IQAC	OFFICE	LIBRARY

ECE- HOD

Copy To:

- All staff members
- II B.Tech Students
- Notice board
- File

Head of the Department
Electronics and Communication Engineering
Amrita Sai Institute of Science and Technology
PARITALA (Post), Kanchikacherla(M),
Krishna District, A.P., 521180



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY
(AUTONOMOUS)

Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada,
Recognized by UGC under 2(f) & 12(B) of 1956 Act.,
ISO 9001:2015 Certified Institution, Accredited by NAAC "A" Grade,
Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.
www.amritasai.edu.in, Phone: 0866 2428399.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING


Dt: 19/09/2022.

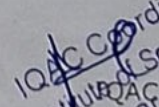
WEEK/DAY-WISE COURSE SCHEDULE

Name of the Program: Value added course on "PCB DESIGN"

S.No	Day	Date	Topics To Be Covered
1	Monday	19/09/2022	Introduction to circuit designing and PCB designing
2	Tuesday	20/09/2022	Study of a basic circuit diagram and its conversion to PCB
3	Wednesday	21/09/2022	Creating a schematic design from the circuit diagram Creating a board layout design from the same schematic design
4	Thursday	22/09/2022	Techniques for excellent PCB designing PCB printing and etching process
5	Friday	23/09/2022	Soldering process and techniques
6	Saturday	24/09/2022	Troubleshooting basic faults in PCBs


COORDINATOR


Head of the Department
Electronics & Communication Engineering
Amrita Sai Institute of Science and Technology
PARITALA (Post), Kanchikacherla (M),
Krishna District, A.P. 521180


IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

VALUE ADDED COURSE ON

“PCB DESIGN”

From
19/09/22 to 24/09/22

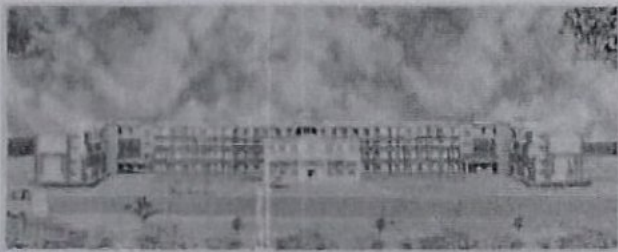
Convenor

Mr V. Ramesh Babu Prof. & Head

Organized by

Department of

Electronics and Communication Engineering



AMRITA SAI

INSTITUTE OF SCIENCE & TECHNOLOGY
(AUTONOMOUS)

Approved by AICTE New Delhi

Affiliated to JNTU, Kakinada

Paritala, Krishna District-521180(A.P)

An ISO 9001:2008 Certified Institution

website: www.amritasai.org.in

About Our College:

Amrita Sai Institute of Science & Technology, an Autonomous institution permanently affiliated to JNTUK, A.P. and approved by All India Council for Technical Education (AICTE), New Delhi was established in the year 2007 under the auspices of Amrita Sai Educational Improvement Trust whose members are veterans in the fields of education and industry. For the last 15 years, the College has tremendously been excelling in all its verticals viz. Engineering, Management, Research and Development. Sharp focus on quality education, sensible training and solid research has turned Amrita Sai Institute of Science & Technology into a premier Technical Institution ensuring 100% placement in a wide range of companies.

Amrita Sai Institute of Science & Technology is recognized by UGC under 2(f) & 12(B) of 1956 Act. The College is complying with the standards of ISO 20001:2018. In recognition of its quality in technical education, it is accredited by the NAAC with “A” Grade, awarded A grade by Govt of AP and Permanently Affiliated to JNTUK.

Amrita Sai Institute of Science & Technology offers 9 Under Graduate Programmes – CSE, CSE-DS, CSE-BDA, CSE-AI&ML, CSE-IoT&CS, ECE, EEE, Mechanical and Civil, 4 Polytechnic Courses – DEEE, DME, DCME and DECE and 3 Post Graduate Programs - M.Tech, M.B.A, M.I A (Health Care & Hospital Management) & M.C.A.

About the Department:

Electronics and communication engineering is a hybrid of Electrical, Electronics and Communication Engineering. The initial Intake was 60; considering the very steep increase in global demands and on the basis of academic strength of our department, the Annual intake had been enhanced to 120 in the year 2009. Further enhanced to 180 in the year 2013 and is

steady, since the year 2013. Presently, Department of ECE has sanctioned intake of 180 students in the UG program and also has the PG program in specialization of DECS with sanctioned intake of 12 students and VLSI & ES with sanctioned intake of 18 students. From the year 2023 AICTE sanctioned two emerging courses i.e., VLSI and Advanced Communication Technology with sanctioned intake of 60 students in each course.

The department is actively engaged in R&D, organizing seminars, workshops and conferences in related areas. It is mandatory to our faculty to attend Seminars/Workshops/Faculty Development Programs at least once in a semester. Our students are performing well in academics and they are encouraged in R&D activities and publishing papers in journals. They are participating in symposiums and seminars in various colleges and universities. They won the prizes in these events.

About the Program:

The most important scientific and technical challenges facing humanity in the 21st century are energy security, environmental security and economic security; these can likely be met only through addressing the energy problem within the next 5–10 years. The program covers a wide range of topics, including Verilog data types and operators, variables and assignments, modules and ports, behavioral modeling, combinational and sequential logic, test bench development, structural modeling, hierarchical design, component instantiation, timing constraints, System Verilog extension, object-oriented programming, functional coverage, test case development, constrained random simulation and debug techniques. These are useful to reach present day trend in Designing of Semiconductor and VLSI technologies.

Program Schedule:

19/09/22 to 24/09/22



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**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**

PROGRAM REPORT

ONE WEEKS VALUE ADDED COURSE ON
"PCB DESIGN"

From

19/09/2022 to 24/09/2022

Resource Person:

MR. V.GOVIND RAO
CEO, MICROLINK
VIJAYAWADA, AP.

Faculty Coordinators:

1. Dr. A.Vijayalakshmi
Associate Professor
Ph.no:9490275918
Mailid:vijayaavl6@gmail.com
2. K. Chandra Rao
Assistant. Professor
Ph.no.7396796619
Mailid: k.chandrarao2005@gmail.com

Number of students attended: 188

Venue: Seminar Hall, ECE Department

The department of Electronics and Communication engineering is conducting one weeks value added course on "PCB DESIGN" for benefit of II B.Tech students, by resource person V. GOVIND RAO, In this part, the Program has been designed to help the students learn how the PCB design plays a vital role circuit manufacturing industries. Totally 188 students were participated in this training program and after the completion of the program they were able to understand the following objectives and learning outcomes.

Course objectives:

The objective of the course is:

This course provides knowledge about

- Basics on PCB.
- Different fabrication methods of PCB.
- Designing of circuits on PCB.

The topics covered:-

- Introduction to circuit designing and PCB designing
- Study of a basic circuit diagram and its conversion to PCB
- Creating a schematic design from the circuit diagram
- Creating a board layout design from the same schematic design
- Techniques for excellent PCB designing
- PCB printing and etching process
- Soldering process and techniques
- Troubleshooting basic faults in PCBs

Outcomes of the program:


After completing this course, a student will be able to:

- Understanding the Fundamental concepts of PCB designing
- Analyze the behavior of schematic design from the circuit diagram
- Understanding the Techniques for excellent PCB designing
- Design and development of circuits using PCB.

This course was very useful to the students and their feedback is positive. The management and Dr M.Sashidhar Gaaru, Principal of Amritasai Institute of Science and Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1. A. V. Reddy
2. B. S. Reddy


Head of the Department
Electronics and Communication Engineering
Amritasai Institute of Science and Technology
PARITALA (Post), Kanchikacherla (M),
Krishna District



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LIST OF ENROLLED STUDENTS

Name of Program- "PCB DESIGN"

S.No	Regd No	Name of the Student	Year/ Branch	Signature
1	Roll No	Name of the Student	B.TECH(ECE)_2N ^d YEAR	
2	20AJ1A0427	CHINTALA MAHESH	B.TECH(ECE)_2N ^d YEAR	ch. mahesh
3	20AJ1A0447	GHANTA AVINASH	B.TECH(ECE)_2N ^d YEAR	G. Avinash
4	21AJ1A0401	AADADA SHANMUKHA RAO	B.TECH(ECE)_2N ^d YEAR	A. Shanmukha Rao
5	21AJ1A0402	ACHANTA SATISH	B.TECH(ECE)_2N ^d YEAR	A. satish
6	21AJ1A0403	ADURI GOPI	B.TECH(ECE)_2N ^d YEAR	A. Gopi
7	21AJ1A0404	ADDANKI BHARGAV	B.TECH(ECE)_2N ^d YEAR	A. Bhargav
8	21AJ1A0405	ANABATTINA SRIKANTH	B.TECH(ECE)_2N ^d YEAR	A. Srikanth
9	21AJ1A0406	ANNAM VENKATA NAGA SAI KUMAR	B.TECH(ECE)_2N ^d YEAR	A.V.N.S Kumar
10	21AJ1A0407	APPIKATLA HARISH	B.TECH(ECE)_2N ^d YEAR	A. Harish
11	21AJ1A0408	ATLURI PHANI KRISHNA	B.TECH(ECE)_2N ^d YEAR	A. phani krishna
12	21AJ1A0409	BADISA VIJAY SRIRAM	B.TECH(ECE)_2N ^d YEAR	B.V.Sriram
13	21AJ1A0410	BANDARI MANJUNADHA	B.TECH(ECE)_2N ^d YEAR	B. Manjunadha
14	21AJ1A0411	BANDI GOPICHAND	B.TECH(ECE)_2N ^d YEAR	B. gopichand
15	21AJ1A0412	BATHULA NAGA VENKATESWARARAO	B.TECH(ECE)_2N ^d YEAR	Naga Venka teswararao
16	21AJ1A0413	BATTA JYOTHI	B.TECH(ECE)_2N ^d YEAR	B. Jyothi
17	21AJ1A0414	BHIMALA VAMSI KRISHNA	B.TECH(ECE)_2N ^d YEAR	B. Vamsi krishna
18	21AJ1A0415	BOBBA SARITHA	B.TECH(ECE)_2N ^d YEAR	B Saritha

19	21AJ1A0416	BODA PAVAN KALYAN	B.TECH(ECE)_2N ^d YEAR	B. Pavan Kalyan.
20	21AJ1A0417	BOPANA VAMSI KRISHNA	B.TECH(ECE)_2N ^d YEAR	B. Vamsi Krishna
21	21AJ1A0418	CHAGANTI CHANDRA KIRAN REDDY	B.TECH(ECE)_2N ^d YEAR	CH. Kiran Reddy
22	21AJ1A0419	CHALAMALASETTY SAIVIGNESH	B.TECH(ECE)_2N ^d YEAR	Ch. Saivignesh
23	21AJ1A0420	CHALLAGUNDLA DEEPTHI	B.TECH(ECE)_2N ^d YEAR	Ch. DEEPTHI
24	21AJ1A0421	CHERUKURI NAGENDRABABU	B.TECH(ECE)_2N ^d YEAR	Ch. Narendrababu
25	21AJ1A0422	CHERUKURI NARENDRA	B.TECH(ECE)_2N ^d YEAR	Ch. Narendra
26	21AJ1A0423	CHINNI VAMSI	B.TECH(ECE)_2N ^d YEAR	Ch. Vamsi
27	21AJ1A0424	CHINTAMREDDY ROISREDDY	B.TECH(ECE)_2N ^d YEAR	Ch. Roisreddy
28	21AJ1A0425	CHITTURI SPANDANA	B.TECH(ECE)_2N ^d YEAR	Ch. Spandana
29	21AJ1A0426	CHOPPARAPU YEDUKONDALU	B.TECH(ECE)_2N ^d YEAR	Ch. Yedukondalu
30	21AJ1A0427	DAINDE NARENDRA KUMAR	B.TECH(ECE)_2N ^d YEAR	D. Narendra Kumar
31	21AJ1A0428	DANABOYINA VAMSI KRISHNA	B.TECH(ECE)_2N ^d YEAR	D. Vamsi Krishna
32	21AJ1A0429	DESABOYINA NAGA GANGA PRAVEEN	B.TECH(ECE)_2N ^d YEAR	D. N. Ganga Praveen.
33	21AJ1A0430	DEVINENI PRASANNA	B.TECH(ECE)_2N ^d YEAR	D. Prasanna
34	21AJ1A0431	ANANTHA SAI CHENNA	B.TECH(ECE)_2N ^d YEAR	A. Sai chenna
35	21AJ1A0432	DUNNALA SAI KUMAR SYAM	B.TECH(ECE)_2N ^d YEAR	D. S. K. Syam.
36	21AJ1A0433	DONDAPATI NAGA JEEVANA SANDHYA	B.TECH(ECE)_2N ^d YEAR	D. Naga Jeevana Sandhya
37	21AJ1A0434	DUVVARI VINAY	B.TECH(ECE)_2N ^d YEAR	DUVVARI Vinay
38	21AJ1A0435	EDARA DAYAKAR BABU	B.TECH(ECE)_2N ^d YEAR	E. D. Babu
39	21AJ1A0436	DIVI SUPRIYA	B.TECH(ECE)_2N ^d YEAR	DIVI SUPRIYA
40	21AJ1A0437	GADDAM GOPI NATH	B.TECH(ECE)_2N ^d YEAR	G. Gopi
41	21AJ1A0438	GANGIPOGU PRAVEEN KUMAR	B.TECH(ECE)_2N ^d YEAR	G. Praveen Kumar
42	21AJ1A0439	GARIKIPATI SUSMITHA	B.TECH(ECE)_2N ^d YEAR	G. Susmitha

43	21AJ1A0440	BACHHU PRAVALLIKA	B.TECH(ECE)_2N ^d YEAR	B. Pravalika.
44	21AJ1A0442	GOGINENI UMESH BABU	B.TECH(ECE)_2N ^d YEAR	G. Umeshbabu
45	21AJ1A0443	GORIPARTHI LAKSHMANA RAJU	B.TECH(ECE)_2N ^d YEAR	G. lakshmana Raju
46	21AJ1A0444	GOTTIPATI KUMAR	B.TECH(ECE)_2N ^d YEAR	G. kumar.
47	21AJ1A0445	GUNDAVARAPU POOJA SRI	B.TECH(ECE)_2N ^d YEAR	G. Pooja Sri
48	21AJ1A0446	GUNDIMEDA CHANDU	B.TECH(ECE)_2N ^d YEAR	G. Chandu
49	21AJ1A0447	IMMADABATTINA AJAY	B.TECH(ECE)_2N ^d YEAR	I. Ajay
50	21AJ1A0448	INTURI CHANDRA SAHITHI	B.TECH(ECE)_2N ^d YEAR	I. C. Sahithi
51	21AJ1A0449	BHEEMANENI CHENCHU RAMAIAH	B.TECH(ECE)_2N ^d YEAR	B. Ramakrishna
52	21AJ1A0450	JANGA ASHOK REDDY	B.TECH(ECE)_2N ^d YEAR	J. Ashok.
53	21AJ1A0451	JAYAVARAPU CHARAN SAI	B.TECH(ECE)_2N ^d YEAR	J. Charan Sai
54	21AJ1A0452	JONNA SITA PHANI SAI KOMAL	B.TECH(ECE)_2N ^d YEAR	J. Komal.
55	21AJ1A0454	KALAPAKURI CHANDRA SEKHAR	B.TECH(ECE)_2N ^d YEAR	K. chandra sekhar
56	21AJ1A0455	KANAPARTHI DEEPIKA	B.TECH(ECE)_2N ^d YEAR	K. Deepika
57	21AJ1A0456	KARANAM VENKATA RAMANA	B.TECH(ECE)_2N ^d YEAR	K. Venkataramana
58	21AJ1A0457	KATRALA GANESH	B.TECH(ECE)_2N ^d YEAR	K. Ganesh
59	21AJ1A0458	KATTEBOYINA LIKHITHA	B.TECH(ECE)_2N ^d YEAR	K. Likhitha
60	21AJ1A0459	KATURI RAJANI	B.TECH(ECE)_2N ^d YEAR	K. Rajani
61	21AJ1A0460	KAVURI LOKESH	B.TECH(ECE)_2N ^d YEAR	K. Lokesh.
62	21AJ1A0461	KEERTHI GOPI KRISHNA	B.TECH(ECE)_2N ^d YEAR	K. Gopi Krishna
63	21AJ1A0462	KODALI RAMYA	B.TECH(ECE)_2N ^d YEAR	K. Ramya
64	21AJ1A0463	KODATI SWATHI	B.TECH(ECE)_2N ^d YEAR	K. Swathi
65	21AJ1A0464	KOLAGATLA NARENDRA	B.TECH(ECE)_2N ^d YEAR	K. Narendra.
66	21AJ1A0465	KOMMURU CHETAN KUMAR	B.TECH(ECE)_2N ^d YEAR	K. Chetan Kumar

67	21AJ1A0466	CHERUKURI RAJESH	B.TECH(ECE)_2N ^d YEAR	Ch. Rajesh
68	21AJ1A0467	KONANGI SAI KISHORE	B.TECH(ECE)_2N ^d YEAR	K. Sai Kishore
69	21AJ1A0468	KORAMPALLI VENKATA AJAY KUMAR	B.TECH(ECE)_2N ^d YEAR	K.V. Akumar
70	21AJ1A0469	KOTHA KOMALA LAKSHMI	B.TECH(ECE)_2N ^d YEAR	K. Komali
71	21AJ1A0470	KUNAPANENI VASAVI	B.TECH(ECE)_2N ^d YEAR	K. Vasavi
72	21AJ1A0471	KAKARLA MANI PURNA CHANDRA	B.TECH(ECE)_2N ^d YEAR	Chandora
73	21AJ1A0472	KURETI VYSHNAVI	B.TECH(ECE)_2N ^d YEAR	K. Vyshnavi
74	21AJ1A0473	LAKKEPOGU VISHNU	B.TECH(ECE)_2N ^d YEAR	L. Vishnu
75	21AJ1A0474	LELLA NAVEEN KUMAR	B.TECH(ECE)_2N ^d YEAR	L. Naveen
76	21AJ1A0476	MACHA SUNIL KUMAR	B.TECH(ECE)_2N ^d YEAR	M. Sunil Kumar
77	21AJ1A0477	MADDAM BHAVYA SRI	B.TECH(ECE)_2N ^d YEAR	M. Bhavya Sri
78	21AJ1A0478	MADDUKURI PUJITHA	B.TECH(ECE)_2N ^d YEAR	M. Pujitha
79	21AJ1A0479	MAHAMKALI VENKATA PRAVEEN	B.TECH(ECE)_2N ^d YEAR	M.V. Praveen
80	21AJ1A0480	KASU HARI KRISHNA REDDY	B.TECH(ECE)_2N ^d YEAR	K. Krishna
81	21AJ1A0481	MALLA HEMANTH SAIKUMAR	B.TECH(ECE)_2N ^d YEAR	M. Hemanth
82	21AJ1A0482	MANAM SUNIL KUMAR	B.TECH(ECE)_2N ^d YEAR	M. Sunil Kumar
83	21AJ1A0483	KUNCHE ANJANEYA RAGHU KUMAR	B.TECH(ECE)_2N ^d YEAR	Raghu
84	21AJ1A0484	MANNAM DEEPIKA	B.TECH(ECE)_2N ^d YEAR	M. Deepika
85	21AJ1A0485	MAREEDU NAGA VENKATA SAI NAVEEN	B.TECH(ECE)_2N ^d YEAR	M.V. Sai Naveen
86	21AJ1A0486	MATHI HEMANTH RAM	B.TECH(ECE)_2N ^d YEAR	Hemant
87	21AJ1A0488	MEKALA SIVAJI	B.TECH(ECE)_2N ^d YEAR	Sivaji
88	21AJ1A0489	MELLEMPUDI RUPA NANDINI	B.TECH(ECE)_2N ^d YEAR	Rupa
89	21AJ1A0490	MIRIYALA VENKATA GOPI	B.TECH(ECE)_2N ^d YEAR	M.V. Gopi
90	21AJ1A0491	MOTUKURU SRINIVAS	B.TECH(ECE)_2N ^d YEAR	M. Srinivas

91	21AJ1A0492	MUMMIDI NADHINESH	B.TECH(ECE)_2N ^d YEAR	
92	21AJ1A0493	NADAKUDITI JAYASREE	B.TECH(ECE)_2N ^d YEAR	N. Jayasree
93	21AJ1A0494	NAKKA SAI KUMAR REDDY	B.TECH(ECE)_2N ^d YEAR	N. Sai
94	21AJ1A0495	MUNAGANTI JYOTHI	B.TECH(ECE)_2N ^d YEAR	Jyothi
95	21AJ1A0496	NAGIREDDY VIJAYASIMHA PEDDY	B.TECH(ECE)_2N ^d YEAR	Vijay
96	21AJ1A0497	NALLAMOTHU KRISHNA PRASAD	B.TECH(ECE)_2N ^d YEAR	N. Prasad
97	21AJ1A0498	NELAKUDITI KAVITHA	B.TECH(ECE)_2N ^d YEAR	N. Kavitha
98	21AJ1A0499	NUTAKKI SUJITH	B.TECH(ECE)_2N ^d YEAR	N. Sujith
99	21AJ1A04A0	NUVVURU HARSHA VARDHAN REDDY	B.TECH(ECE)_2N ^d YEAR	N. Harsha
100	21AJ1A04A1	ORSU SRINIVASA RAO	B.TECH(ECE)_2N ^d YEAR	O. Srinivasa Rao
101	21AJ1A04A2	PAGADALA AJAY KUMAR	B.TECH(ECE)_2N ^d YEAR	P. Ajay Kumar
102	21AJ1A04A3	PALLAPU VAMSI	B.TECH(ECE)_2N ^d YEAR	P. Vamsi
103	21AJ1A04A4	PALLE GOPI CHAND	B.TECH(ECE)_2N ^d YEAR	P. Gopichand.
104	21AJ1A04A5	PAPOLU LAKSHMI PAVANI	B.TECH(ECE)_2N ^d YEAR	P. Pavani
105	21AJ1A04A6	PASUPULETI BRAHMAM	B.TECH(ECE)_2N ^d YEAR	P. Brahmam
106	21AJ1A04A7	PATAN SALMAN KHAN	B.TECH(ECE)_2N ^d YEAR	P. Salman Khan
107	21AJ1A04A8	PATHURI POORNA SRI VANI	B.TECH(ECE)_2N ^d YEAR	P. Poorna Sri Vani
108	21AJ1A04A9	POPURI ABHINAV	B.TECH(ECE)_2N ^d YEAR	P. Abhinav
109	21AJ1A04B0	POTHIREDDY ARAVIND	B.TECH(ECE)_2N ^d YEAR	P. Aravind
110	21AJ1A04B1	PUNNAM HEMA NAGA NARASIMHA	B.TECH(ECE)_2N ^d YEAR	P. Naga
111	21AJ1A04B2	RALLABANDI VENKATA SIVA PHANEENDRA KUMAR	B.TECH(ECE)_2N ^d YEAR	R. V. S. Phaneendra Kumar
112	21AJ1A04B3	RAMIREDDY SWATHI	B.TECH(ECE)_2N ^d YEAR	R. Swathi
113	21AJ1A04B4	PUNUGOTI BHARGAVI	B.TECH(ECE)_2N ^d YEAR	Bhargavi
114	21AJ1A04B5	RAMISETTI PAVANI	B.TECH(ECE)_2N ^d YEAR	

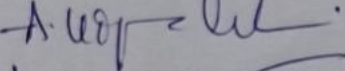
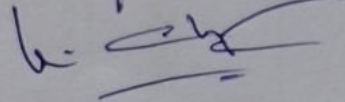
115	21AJ1A04B6	RAYALA KAVITHA	B.TECH(ECE)_2N ^d YEAR	Rekavitha
116	21AJ1A04B7	SABBASANI BHARGAVA REDDY	B.TECH(ECE)_2N ^d YEAR	S. Bhargava Reddy
117	21AJ1A04B8	SAMUDRALA PAVAN SRI GUPTHA	B.TECH(ECE)_2N ^d YEAR	SPavan Sri Guptha
118	21AJ1A04B9	SANGEPU MANISHA	B.TECH(ECE)_2N ^d YEAR	S. Manisha
119	21AJ1A04C0	SANIKOMMU ANIL KUMAR	B.TECH(ECE)_2N ^d YEAR	S. Anil
120	21AJ1A04C1	SHAIK FAZUL REHMAN	B.TECH(ECE)_2N ^d YEAR	Sk. Fazul
121	21AJ1A04C2	SHAIK KHADEER	B.TECH(ECE)_2N ^d YEAR	Sk. Khadeer
122	21AJ1A04C3	SHAIK MEHARAJ	B.TECH(ECE)_2N ^d YEAR	Sk. Meharaj
123	21AJ1A04C4	SHAIK SHAHENAZ	B.TECH(ECE)_2N ^d YEAR	Sk. Shahenaz
124	21AJ1A04C5	SHAIK SHAREEF	B.TECH(ECE)_2N ^d YEAR	Sk. Shareef
125	21AJ1A04C6	SHAIK YAKUB VALI	B.TECH(ECE)_2N ^d YEAR	Sk. Yakub Vali
126	21AJ1A04C7	SHANKARSETTI PURNA DURGA PRASANTH	B.TECH(ECE)_2N ^d YEAR	Prasanth
127	21AJ1A04C8	SIRAMSETTI VAMSI	B.TECH(ECE)_2N ^d YEAR	S. Vamsi
128	21AJ1A04C9	SOMA BASKAR UMA NAGI REDDY	B.TECH(ECE)_2N ^d YEAR	Baskar Reddy
129	21AJ1A04D0	T S N DEEPIKA	B.TECH(ECE)_2N ^d YEAR	T.S.N. Deepika
130	21AJ1A04D1	TADEPALLI GAYATHRI	B.TECH(ECE)_2N ^d YEAR	T. Gayathri
131	21AJ1A04D2	TALLA SRAVANI	B.TECH(ECE)_2N ^d YEAR	T. Sravan
132	21AJ1A04D3	TALLURI CHANDRA SEK HAR	B.TECH(ECE)_2N ^d YEAR	T. Chandrasekhar
133	21AJ1A04D4	TAMMISSETTY VENKATARAMANA	B.TECH(ECE)_2N ^d YEAR	A
134	21AJ1A04D5	THODICHARLA SATISH KUMAR	B.TECH(ECE)_2N ^d YEAR	Satish
135	21AJ1A04D6	THOTA SAI KIRAN	B.TECH(ECE)_2N ^d YEAR	T. Saikiran
136	21AJ1A04D7	TULLIMILLI LOK SAI MAHESH	B.TECH(ECE)_2N ^d YEAR	Sai
137	21AJ1A04D8	TUPAKULA VINAY KUMAR	B.TECH(ECE)_2N ^d YEAR	T. Vinay
138	21AJ1A04D9	TURAKA GOPI	B.TECH(ECE)_2N ^d YEAR	T. Gopu

139	21AJ1A04E0	UDUMULA JASWANTH REDDY	B.TECH(ECE)_2N ^d YEAR	U. JRP
140	21AJ1A04E1	PALABALLA HEMANTH KUMAR	B.TECH(ECE)_2N ^d YEAR	P. Hemantha
141	21AJ1A04E2	UPPALAPATI NARENDRA	B.TECH(ECE)_2N ^d YEAR	U. Narendra
142	21AJ1A04E3	UPPUSETTI AJAY	B.TECH(ECE)_2N ^d YEAR	U. Ajay
143	21AJ1A04E4	VALLELA VENKATA SURESH REDDY	B.TECH(ECE)_2N ^d YEAR	V.V. Suresh Reddy
144	21AJ1A04E5	VARRA LURDHUMAR REDDY	B.TECH(ECE)_2N ^d YEAR	V. Lurdhu mar Reddy
145	21AJ1A04E6	VELPULA HARI BABU	B.TECH(ECE)_2N ^d YEAR	V. Hari Babu
146	21AJ1A04E7	VEMULA SREEKANTH	B.TECH(ECE)_2N ^d YEAR	V. Sree Kant
147	21AJ1A04E8	VEMULA UDAY KIRAN	B.TECH(ECE)_2N ^d YEAR	V. Uday Kiran
148	21AJ1A04F0	YALAKALA BHANU PRAKASH	B.TECH(ECE)_2N ^d YEAR	Bhanu Prakash
149	21AJ1A04F1	YARAMALA RAMA KRISHNA REDDY	B.TECH(ECE)_2N ^d YEAR	Y. R. Krishna
150	21AJ1A04F2	YARLAGADDA JAYA SIVA NAGA SAI KONDALARAO	B.TECH(ECE)_2N ^d YEAR	Y. Sai
151	21AJ1A04F3	YERRA SRIHARI	B.TECH(ECE)_2N ^d YEAR	Y. Srihari
152	21AJ1A04F5	YELGODU HANIFA	B.TECH(ECE)_2N ^d YEAR	Y. Hanifa
153	21AJ1A04F6	YARAM HARSHITA	B.TECH(ECE)_2N ^d YEAR	Y. Harshita
154	21AJ1A04F8	PASUPULETI JAGADEESH	B.TECH(ECE)_2N ^d YEAR	P. Jagadeesh
155	21AJ1A04F9	POLAMPALLI VINEETHA	B.TECH(ECE)_2N ^d YEAR	P. Vineetha
156	21AJ1A04G0	POTHANA PREM SRI BALAJI	B.TECH(ECE)_2N ^d YEAR	P. Sri Balaji
157	21AJ1A04G1	ROYYALA SANTOSH KUMAR	B.TECH(ECE)_2N ^d YEAR	R. Santosh
158	21AJ1A04G2	SANIKOMMU HYMAVATHI	B.TECH(ECE)_2N ^d YEAR	S. Hymanvathi
159	21AJ1A04G3	SURA SRI LAKSHMI	B.TECH(ECE)_2N ^d YEAR	Sri Lakshmi
160	21AJ1A04G4	THOTAKURA NAGARAJU	B.TECH(ECE)_2N ^d YEAR	T. Nagaraju
161	21AJ1A04G5	BANDI NANDINI	B.TECH(ECE)_2N ^d YEAR	B. Nandini
162	21AJ1A04G7	BOGOLU ANJI REDDY	B.TECH(ECE)_2N ^d YEAR	B. Anji Reddy

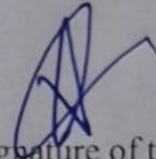
163	21AJ1A04G8	OLETI RAGHAVENDRA	B.TECH(ECE)_2N ^d YEAR	O. Raghavendra
164	21AJ1A04G9	NALLAKA CHANDANA RAVITHRENI	B.TECH(ECE)_2N ^d YEAR	N.R. Chandana
165	22AJ5A0401	AALURI JEEVANA JYOTHI	B.TECH(ECE)_2N ^d YEAR	A. Jeevana Jyothi
166	22AJ5A0402	ANISSETTI SRINIVAS	B.TECH(ECE)_2N ^d YEAR	A. Srinivas
167	22AJ5A0403	AREPALLI DEVIPRASAD	B.TECH(ECE)_2N ^d YEAR	A. Deviprasad
168	22AJ5A0404	BHIMALA INDHU	B.TECH(ECE)_2N ^d YEAR	B. Indhu
169	22AJ5A0405	BUDHIREDLA TEJOMAYI	B.TECH(ECE)_2N ^d YEAR	B. Tejomayi
170	22AJ5A0406	GOLLA VENKATA SIVA NAGA JAHNAVI	B.TECH(ECE)_2N ^d YEAR	G. Vis. n Jahnavi
171	22AJ5A0407	JAMPA YASASWI	B.TECH(ECE)_2N ^d YEAR	J. Yasaswi
172	22AJ5A0408	JONNADULA CHANDRALEKHA	B.TECH(ECE)_2N ^d YEAR	J. Chandhara lekha.
173	22AJ5A0409	KUKKALA MOUNIKA LAKSHMI	B.TECH(ECE)_2N ^d YEAR	K. mounika lakshmi
174	22AJ5A0410	MARKAPUDI PUJITHA	B.TECH(ECE)_2N ^d YEAR	M. Pujitha
175	22AJ5A0411	MARKAPUDI SAMEERA RANI	B.TECH(ECE)_2N ^d YEAR	M. Sameera Rani
176	22AJ5A0412	MAHAMMAD IMTHIYAZ	B.TECH(ECE)_2N ^d YEAR	M. Imthiyaz
177	22AJ5A0413	MOHMAD TASLEEM PASHA	B.TECH(ECE)_2N ^d YEAR	MO. Pasha
178	22AJ5A0414	MUSIBOINA S N MANIKANTA SUBRAMANYAM	B.TECH(ECE)_2N ^d YEAR	M. Manikanta Subramanyam
179	22AJ5A0415	NARAYANAPURAPU VENKATA SATYA GANESH	B.TECH(ECE)_2N ^d YEAR	N. V. Satya Ganesh
180	22AJ5A0416	NERUSU PRAVEEN KUMAR	B.TECH(ECE)_2N ^d YEAR	N. Praveen K
181	22AJ5A0417	POLUKONDA DHANUSH	B.TECH(ECE)_2N ^d YEAR	P. dhanush
182	22AJ5A0418	RAMYASRI YADAVALLI	B.TECH(ECE)_2N ^d YEAR	Y. Ramya Sree
183	22AJ5A0419	THANGELLAMUDI HEMANTH	B.TECH(ECE)_2N ^d YEAR	H. Hemanth
184	22AJ5A0420	TUMU AJAY BABU	B.TECH(ECE)_2N ^d YEAR	T. Ajay Babu
185	22AJ5A0421	ULISI TARUN KUMAR	B.TECH(ECE)_2N ^d YEAR	U. Tarunkumar

186	22AJ5A0422	VADAKAPURAPU YASWANTH NAGA DURGA SAI	B.TECH(ECE)_2N ^d YEAR	v.y.n.d.sai
187	22AJ5A0423	VALLAMKONDA LAKSHMAIAH	B.TECH(ECE)_2N ^d YEAR	Vallamkonda
188	22AJ5A0424	VETTEM VENKATESH	B.TECH(ECE)_2N ^d YEAR	Vettem Venkatesh

Signature of the Coordinators

1. 
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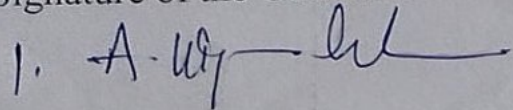
Signature of the HOD

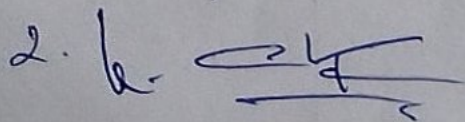


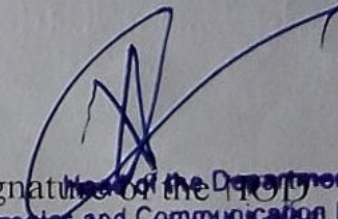
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15	21AJ1A0412	BATHULA NAGA VENKATESWARARAO	Venkat	venkat	Venkat	Venkat	A	Venkat
16	21AJ1A0413	BATTA JYOTHI	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
17	21AJ1A0414	BHIMALA VAMSI KRISHNA	Uau	A	Vamsi	Vamsi	Vamsi	Vamsi
18	21AJ1A0415	BOBBA SARITHA	B. Saritha	B. Saritha	A	B. Saritha	B. Saritha	B. Saritha
19	21AJ1A0416	BODA PAVAN KALYAN	B. Pavan kalyan	B. Pavan kalyan	B. Pavan kalyan	B. Pavan kalyan	B. Pavan kalyan	B. Pavan kalyan
20	21AJ1A0417	BOPANA VAMSI KRISHNA	B. Vamsi Krishna	B. Vamsi Krishna	B. Vamsi Krishna	B. Vamsi Krishna	B. Vamsi Krishna	B. Vamsi Krishna
21	21AJ1A0418	CHAGANTI CHANDRA KIRAN REDDY	C. Kiran Reddy	C. Kiran reddy	C. Kiran reddy	C. Kiran reddy	C. Kiran reddy	A
22	21AJ1A0419	CHALAMALASETTY SAIVIGNESH	C. Saini gnesh	C. Saini gnesh	C. Saini gnesh	C. Saini gnesh	C. Saini gnesh	C. Saini gnesh
23	21AJ1A0420	CHALLAGUNDLA DEEPTHI	Ch. Deepthi	Ch. Deepthi	Ch. Deepthi	Ch. Deepthi	Ch. Deepthi	Ch. Deepthi
24	21AJ1A0421	CHERUKURI NAGENDRABABU	Ch. Naga Babu	Ch. Naga Babu	Ch. Naga Babu	Ch. Naga Babu	Ch. Naga Babu	Ch. Naga Babu
25	21AJ1A0422	CHERUKURI NARENDRA	Ch. Narendra	Ch. Narendra	Ch. Narendra	Ch. Narendra	Ch. Narendra	Ch. Narendra
26	21AJ1A0423	CHINNI VAMSI	Ch. vamsi	Ch. vamsi	Ch. vamsi	Ch. vamsi	A	Ch. vamsi
27	21AJ1A0424	CHINTAMREDDY ROISREDDY	Ch. Roisreddy	Ch. Roisreddy	Ch. Roisreddy	Ch. Roisreddy	Ch. Roisreddy	Ch. Roisreddy
28	21AJ1A0425	CHITTURI SPANDANA	Ch. Spandana	Ch. Spandana	Ch. Spandana	Ch. Spandana	Ch. Spandana	A
29	21AJ1A0426	CHOPPARAPU YEDUKONDALU	Ch. Yedukondalu	Ch. Yedukondalu	Ch. Yedukondalu	Ch. Yedukondalu	Ch. Yedukondalu	Ch. Yedukondalu
30	21AJ1A0427	DAINDE NARENDRA KUMAR	D. Narendra kumar	D. Narendra kumar	D. Narendra kumar	D. Narendra kumar	D. Narendra kumar	D. Narendra kumar
31	21AJ1A0428	DANABOYINA VAMSI KRISHNA	D. V Krishna	D. V Krishna	A	D. V Krishna	D. V Krishna	D. V Krishna
32	21AJ1A0429	DESABOYINA NAGA GANGA PRAVEEN	D. N. Ganga Praveen	D. N. Ganga Praveen	D. N. Ganga Praveen	D. N. Ganga Praveen	D. N. Ganga Praveen	D. N. Ganga Praveen
33	21AJ1A0430	DEVINENI PRASANNA	D. Prasanna	D. Prasanna	D. Prasanna	D. Prasanna	D. Prasanna	D. Prasanna
34	21AJ1A0431	ANANTHA SAI CHENNA	A. Sai	A. Sai	A. Sai	A. Sai	A. Sai	A. Sai

179	22AJ5A0415	NARAYANAPURAPU VENKATA SATYA GANESH	satya	satya	satya	satya	satya	satya
180	22AJ5A0416	NERUSU PRAVEEN KUMAR	N.Pavan Kumar	N.Praveen Kumar	N.Pavan Kumar	N.P. Praveen Kumar	N.Praveen Kumar	N.Praaveen Kumar
181	22AJ5A0417	POLUKONDA DHANUSH	P.Dhanush	P.Dhanush	P.Dhanush	P.Dhanush	P.Dhanush	P.Dhanush
182	22AJ5A0418	RAMYASRI YADAVALLI	Y.Ramya	A	A	Y.Ramya	Y.Ramya	Y.Ramya
183	22AJ5A0419	THANGELLAMUDI HEMANTH	T.Hemant	T.Hemant	T.Hemant	T.Hemant	T.Hemant	T.Hemant
184	22AJ5A0420	TUMU AJAY BABU	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
185	22AJ5A0421	ULISI TARUN KUMAR	U.T.K	U.T.K	A	U.T.K	U.T.K	U.T.K
186	22AJ5A0422	VADAKAPURAPU YASWANTH NAGA DURGA SAI	V.Y.N.D	V.Y.N.D	V.Y.N.D	V.Y.N.D	V.Y.N.D	V.Y.N.D
187	22AJ5A0423	VALLAMKONDA LAKSHMAIAH	V.Lakshmaiah	V.Lakshmaiah	A	V.Lakshmaiah	A	V.Lakshmaiah
188	22AJ5A0424	VETTEM VENKATESH	V.Venkatesh	V.Venkatesh	V.Venkatesh	V.Venkatesh	V.Venkatesh	A

Signature of the Coordinators

1. 

2. 


 Signature of the Department
 Electronics and Communication Engineering
 Ananta sai Institute of Science and Technology
 PARITALA (Post), Kanchikacherla (M),
 Krishna District, A.P., 521490

AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



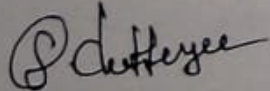
Certificate

Of participation

A TWO WEEKS VALUE ADDED COURSE ON

“PCB DESIGN”

Mr/Ms GHANTA AVINASH has participated in the two-week certificate Programme on “**PCB DESIGN**”, organized by department of Mechanical Engineering held on 19-02-2022 to 24-09-2022 in Amrita Sai Institute of Science and Technology.



Dr. SAMIRAN CHATERJEE

Coordinator



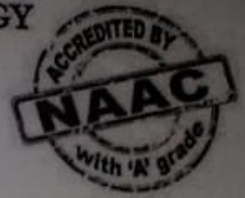
Dr. VRAMESH

Head of the Department



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www.amritasai.edu.in, Phone: 0866 2428399.



**DEPARTMENT OF ELECTRONICS & COMMUNICATIONS
ENGINEERING**

Paritala,
Dt: 28/01/2023.

CIRCULAR

This is to inform that the department of electronics & Communications engineering is conducting value added course on "**Applications of IOT**" for benefit of III B.Tech students from 30/01/2023 to 11/02/2023.

All the students shall give their names to coordinator listed below on or before 29-01-2023. Hence, all the students are hereby informed to attend the classes without fail.

Venue: Seminar Hall, Department of ECE,
ASIST

Co-ordinator: Mr B. BALAJI
Assistant Professor, Dept. of the ECE.

Signature of All HODs							IQAC	OFFICE	LIBRARY

ECE- HOD

Copy To:

- All staff members
- III B.Tech Students
- Notice board
- File

Head of the Department
Electronics and Communication Engineering
Amrita sai Institute of Science and Technology
PARITALA (Post), Kanchikacherla(M),
Krishna District, A.P. 521180



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DEPARTMENT OF ELECTRONICS & COMMUNICATIONS ENGINEERING

Dt: 30/01/2023.

WEEK/DAY-WISE COURSE SCHEDULE

Name of the Program: Two weeks value added course on "Applications of IOT"

S.No	Day	Date	Topics to be Covered
1	Monday	30/01/2023	Introduction to electronic components, soldering.
2	Tuesday	31/01/2023	Introduction to IoT.
3	Wednesday	01/02/2023	Basics of Networking, Communication Protocols.
4	Thursday	02/02/2023	Sensor Networks
5	Friday	03/02/2023	Machine-to-Machine Communications
6	Saturday	04/02/2023	Interoperability in IoT, Introduction to Arduino Programming
7	Monday	06/02/2023	Integration of Sensors and Actuators with Arduino
8	Tuesday	07/02/2023	Introduction to Python programming, Introduction to Raspberry Pi
9	Wednesday	08/02/2023	Implementation of IoT with Raspberry Pi, Introduction to SDN
10	Thursday	09/02/2023	SDN for IoT, Data Handling and Analytics
11	Friday	10/02/2023	Cloud Computing, Sensor-Cloud
12	Saturday	11/02/2023	Fog Computing, Smart Cities and Smart Homes, Connected Vehicles, Smart Grid, Industrial IoT.

A. Lakshmi
COORDINATOR
A. Lakshmi

[Signature]
HOD ECE

[Signature]
IQAC

HEAD OF THE DEPARTMENT
Amrita Sai Institute of Science & Technology
Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.

IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

VALUE ADDED COURSE ON

“Applications of IOT”

From

30/01/2023 to 11/02/2023

Convenor

Mr V. Ramesh Babu Prof.& Head

Organized by

Department of

Electronics and Communications Engineering



AMRITA SAI

INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE New Delhi

Affiliated to JNTU, Kakinada

Paritala, Krishna District-521180(A.P)

An ISO 9001:2008 Certified Institution

website: www.amritasai.org.in

About Our College:

Amrita Sai Institute of Science & Technology, an Autonomous institution permanently affiliated to JNTUK, A.P. and approved by All India Council for Technical Education (AICTE), New Delhi was established in the year 2007 under the auspices of Amrita Sai Educational Improvement Trust whose members are veterans in the fields of education and industry. For the last 15 years, the College has tremendously been excelling in all its verticals viz. Engineering, Management, Research and Development. Sharp focus on quality education, sensible training and solid research has turned Amrita Sai Institute of Science & Technology into a premier Technical Institution ensuring 100% placement in a wide range of companies.

Amrita Sai Institute of Science & Technology is recognized by UGC under 2(f) & 12(B) of 1956 Act. The College is complying with the standards of ISO 20001:2018. In recognition of its quality in technical education, it is accredited by the NAAC with “A” Grade, awarded A grade by Govt of AP and Permanently Affiliated to JNTUK.

Amrita Sai Institute of Science & Technology offers 9 Under Graduate Programmes – CSE, CSE-DS, CSE-BDA, CSE-AI&ML, CSE-IoT&CS, ECE, EEE, Mechanical and Civil, 4 Polytechnic Courses – DEEE, DME, DCME and DECE and 3 Post Graduate Programs - M.Tech, M.B.A, M.B.A (Health Care & Hospital Management) & M.C.A.

About the Department:

Electronics and communication engineering is a hybrid of Electrical, Electronics and Communication Engineering. The initial Intake was 60; considering the very steep increase in global demands and on the basis of academic strength of our department, the Annual intake had been enhanced to 120 in the year 2009. Further enhanced to 180 in the year 2013 and is

steady, since the year 2013. Presently, Department of ECE has sanctioned intake of 180 students in the UG program and also has the PG program in specialization of DECS with sanctioned intake of 12 students and VLSI & ES with sanctioned intake of 18 students. From the year 2023 AICTE sanctioned two emerging courses i.e., VLSI and Advanced Communication Technology with sanctioned intake of 60 students in each course.

The department is actively engaged in R&D, organizing seminars, workshops and conferences in related areas. It is mandatory to our faculty to attend Seminars/Workshops/Faculty Development Programs at least once in a semester. Our students are performing well in academics and they are encouraged in R&D activities and publishing papers in journals. They are participating in symposiums and seminars in various colleges and universities. They won the prizes in these events.

About the Program:

The importance of Applications of IOT corresponding to present trend is provided. The program covers a wide range of topics, including basics of Internet of things along with different Applications are provided. These are useful to reach present day trend in Designing of real life applications.

Program Schedule:

30/01/2023 to 11/02/2023

Recourse Person:

Dr. S.Ravi Chand, HOD & Professor, Dept of ECE,
Nalla Malla Reddy Institute of Technology,
Hyderabad.

Coordinators:

Mr B. BALAJI, Assistant Professor, Dept. of ECE
Organizing Committee:

Mrs. Ch. Sreelakshmi, Assistant professor, Dept. of ECE

Mrs.G. Latha, Assistant professor, Dept of ECE



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DEPARTMENT OF ELECTRONICS & COMMUNICATIONS ENGINEERING

PROGRAM REPORT

TWO WEEKS VALUE ADDED COURSE ON
"Applications of IOT"

From

30/01/2023 to 11/02/2023

Resource Person:

Dr. S.Ravi Chand,

HOD & Professor, Dept of ECE, Nalla
Malla Reddy Institute of Technology,
Hyderabad.

Faculty Coordinators:

1. CH.SREE LAKSHMI
Assistant Professor
Ph.no: 8919673823
Mailid: chsreelakshmi84@gmail.com
2. Mr G.LATHA
Assistant Professor
Ph.no: 9949320756
Mailid: lathagavini666@gmail.com

Number of students attended: 120

Venue: Seminar Hall, ECE Department

The department of electronics & communications engineering is conducting two weeks value added course on "Applications of IOT" for benefit of III B.Tech students, by resource person Dr. S.Ravi Chand, In this part, the Program has been designed to help the students to learn the basics of IoT & students learn about few reasons where we use IoT applications in daily life. Totally 120 students were participated in this training program and after the completion of the program they were able to understand the following objectives and learning outcomes.

Course objectives:

The objective of the course is:

- To provide basic infrastructure services such as water supply, sanitation, solid waste management, and efficient urban mobility.
- To create a citizen-friendly and sustainable urban environment through the use of technology and data-driven governance.
- To enhance the quality of life for citizens and make cities more livable by providing access to green spaces, parks, and other amenities.

The topics covered:-

- Introduction electronic components, soldering
- Introduction to IoT
- Basics of Networking, Communication Protocols
- Sensor Networks
- Machine-to-Machine Communications
- Interoperability in IoT, Introduction to Arduino Programming
- Integration of Sensors and Actuators with Arduino
- Introduction to Python programming, Introduction to Raspberry Pi
- Implementation of IoT with Raspberry Pi, Introduction to SDN
- SDN for IoT, Data Handling and Analytics
- Cloud Computing, Sensor-Cloud.
- Fog Computing, Smart Cities and Smart Homes, Connected Vehicles, Smart Grid, Industrial IoT.

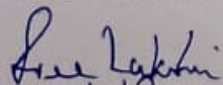
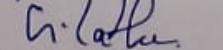
Outcomes of the program:

After completing this course, a student will be able to:

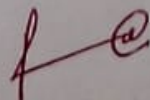
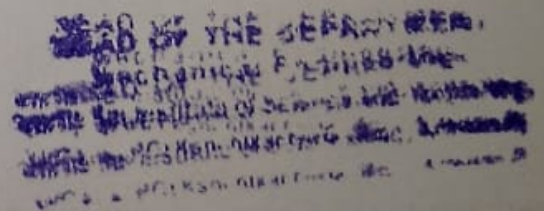
- Understanding of IoT (Internet of Things) principles and its applications
- Familiarity with big data and data analytics
- Basic coding skills
- Experience in designing and implementing cloud-based solutions.
- Background in app development using IoT Hub services.

This course was very useful to the students and their feedback is positive. The management and Dr M.Sashidhar Gaaru, Principal of Amritasai Institute of Science and Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1. 
2. 

Signature of the HOD



IQAC Coordinator


Amritasai Institute of Science & Technology

Paritala Sai Nagar, Paritala -521180

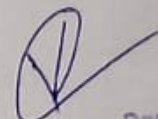
Sl. No	Regd.No.	Name	30/01/2023 / 31/1		01/02/2023 02/02		03/02/2023 04/02	
			30/01/23	31/01/23	01/02/23	02/02/23	03/02/23	04/02/23
40.	21AJ1A0478	Maddukuri Pujitha	M. Pujitha	M. Pujitha	M. Pujitha	M. Pujitha	M. Pujitha	M. Pujitha
41.	21AJ1A0479	Mahamkali Venkata Praveen	M.V. Praveen	M.V. Praveen	M.V. Praveen	M.V. Praveen	M.V. Praveen	M.V. Praveen
42.	21AJ1A0481	Malla Hemanth Sai Kumar	M. Hemanth	M. Hemanth	M. Hemanth	M. Hemanth	M. Hemanth	M. Hemanth
43.	21AJ1A0482	Sunil Kumar Manam	M. Sunil	M. Sunil	M. Sunil	M. Sunil	M. Sunil	M. Sunil
44.	21AJ1A0483	Kunche Anjaneya Raghu Kumar	K. Raghu	K. Raghu	K. Raghu	K. Raghu	K. Raghu	K. Raghu
45.	21AJ1A0485	Mareedu Naga Venkat Sai Naveen	M. N. V. Sai Naveen	M. N. V. Sai Naveen	M. N. V. Sai Naveen	M. N. V. Sai Naveen	M. N. V. Sai Naveen	M. N. V. Sai Naveen
46.	21AJ1A0489	Mellempudi Rupa Nandini	M. Rupanandini	M. Rupanandini	M. Rupanandini	M. Rupanandini	M. Rupanandini	M. Rupanandini
47.	21AJ1A0490	Miriyao Venkata Gopi	M. Venkata gopi	M. Venkata gopi	M. Venkata gopi	M. Venkata gopi	M. Venkata gopi	M. Venkata gopi
48.	21AJ1A0491	Motukuru Srinivas	M. Srinivas	M. Srinivas	M. Srinivas	M. Srinivas	M. Srinivas	M. Srinivas
49.	21AJ1A0492	Mummidi Nadhinesh	M. Nadhinesh	M. Nadhinesh	M. Nadhinesh	M. Nadhinesh	M. Nadhinesh	M. Nadhinesh
50.	21AJ1A0493	Nadakuditi Jayasree	N. Jayasree	N. Jayasree	N. Jayasree	N. Jayasree	N. Jayasree	N. Jayasree
51.	21AJ1A0495	Munaganti Jyothi	M. Jyothi	M. Jyothi	M. Jyothi	M. Jyothi	M. Jyothi	M. Jyothi
52.	21AJ1A0497	Nallamothu Krishna Prasad	N. Krishna Prasad	N. Krishna Prasad	N. Krishna Prasad	N. Krishna Prasad	N. Krishna Prasad	N. Krishna Prasad
53.	21AJ1A04A0	Nuvvuru Harsha Vardhan Reddy	N. Harsha	N. Harsha	N. Harsha	N. Harsha	N. Harsha	N. Harsha
54.	21AJ1A04A2	Pagadala Ajay Kumar	P. Ajay Kumar	P. Ajay Kumar	P. Ajay Kumar	P. Ajay Kumar	P. Ajay Kumar	P. Ajay Kumar
55.	21AJ1A04A4	Palle Gopi Chand	P. Gopichand	P. Gopichand	P. Gopichand	P. Gopichand	P. Gopichand	P. Gopichand
56.	21AJ1A04A5	Papolu Lakshmi Pavani	Pavani	Pavani	Pavani	Pavani	Pavani	Pavani
57.	21AJ1A04A6	Pasupuleti Brahmam	P. Brahmam	P. Brahmam	P. Brahmam	P. Brahmam	P. Brahmam	P. Brahmam
58.	21AJ1A04A7	Patan Salman Khan	Salman	Salman	Salman	Salman	Salman	Salman
59.	21AJ1A04B0	Pothireddy . Aravind	P. Aravind	P. Aravind	P. Aravind	P. Aravind	P. Aravind	P. Aravind
60.	21AJ1A04B2	Rallabandi Venkata Siva Phaneendra Kumar	R. Phani	R. Phani	R. Phani	R. Phani	R. Phani	R. Phani
61.	21AJ1A04B4	Punugoti Bhargavi	P. Bhargavi	Bhargavi	Bhargavi	Bhargavi	Bhargavi	Bhargavi

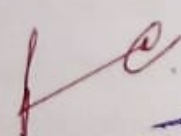
Sl. No	Regd.No.	Name	30/01/2023 31/01		01/02/2023 2/2		03/02/2023 4/2	
			30/01/23	31/01/23	01/02/23	02/02/23	03/02/23	04/02/23
85.	22AJ5A0404	Bhimala Indhu	B.Indhu	B.Indhu	B.Indhu	B.Indhu	B.Indhu	B.Indhu
86.	22AJ5A0407	Jampa. Yasaswi	yalaswi	yalaswi	yalaswi	yalaswi	yalaswi	yalaswi
87.	22AJ5A0408	Jonnadula Chandhra Lekha	Lekha	Lekha	Lekha	Lekha	Lekha	Lekha
88.	22AJ5A0409	Mounikalakshmi	Mounika	Mounika	Mounika	Mounika	Mounika	Mounika
89.	22AJ5A0410	Markapudi Pujitha	M. Pujitha	M. Pujitha	M. Pujitha	M. Pujitha	M. Pujitha	M. Pujitha
90.	22AJ5A0411	M. Sameerarani	M. Peri	M. Peri	M. Peri	M. Peri	M. Peri	M. Peri
91.	22AJ5A0412	Mohammad Inthiyaz	M.D. Inthiyaz	M.D. Inthiyaz	M.D. Inthiyaz	M.D. Inthiyaz	M.D. Inthiyaz	M.D. Inthiyaz
92.	22AJ5A0413	Mohmad Tasleem Pasha	M.D. Tasleem	M.D. Tasleem	M.D. Tasleem	M.D. Tasleem	M.D. Tasleem	M.D. Tasleem
93.	22AJ5A0414	M S N Manikanta Subrahamnyam	MSN. Manikanta	MSN. Manikanta	MSN. Manikanta	MSN. Manikanta	MSN. Manikanta	MSN. Manikanta
94.	22AJ5A0416	Nerusu. Praveen Kumar	N. Praveen Kumar	N. Praveen Kumar	N. Praveen Kumar	N. Praveen Kumar	N. Praveen Kumar	N. Praveen Kumar
95.	22AJ5A0417	Polukonda. Dhanush	P. Dhanush	P. Dhanush	P. Dhanush	P. Dhanush	P. Dhanush	P. Dhanush
96.	22AJ5A0418	Yadavalli. Ramyasri	Ramyasri	Ramyasri	Ramyasri	Ramyasri	Ramyasri	Ramyasri
97.	22AJ5A0424	Vattem. Venkatesh	V. Venkatesh	V. Venkatesh	V. Venkatesh	V. Venkatesh	V. Venkatesh	V. Venkatesh


 IQAC Coordinator
 Amrita Sai Institute of Science & Technology
 Amrita Sai Nagar, Paritala - 521188


 Head of the Department
 Electronics and Communication Engineering
 Amrita Sai Institute of Science and Technology
 PARITALA (Post), Konchikachan (M),
 Krishna District, A.P. 521188

Sl. No	Regd.No.	Name	06/02/2023 7/2		08/02/2023 9/2		10/02/2023 11/2	
			06/02/23	07/02/23	08/02/23	09/02/23	10/02/23	11/02/23
87.	22AJ5A0408	Jonnadula Chandhra Lekha	Lekha	Lekha	Lekha	Lekha	Lekha	Lekha
88.	22AJ5A0409	Mounikalakshmi	K.Mounika	K.Mounika	K.Mounika	K.Mounika	K.Mounika	K.Mounika
89.	22AJ5A0410	Markapudi Pujitha	M.pujitha	M.pujitha	M.pujitha	M.pujitha	M.pujitha	M.pujitha
90.	22AJ5A0411	M.Sameerarani	M.Sameerani	M.Sameerani	M.Sameerani	M.Sameerani	M.Sameerani	M.Sameerani
91.	22AJ5A0412	Mohammad Inthiyaz	MD.Inthiyaz	MD.Inthiyaz	MD.Inthiyaz	MD.Inthiyaz	MD.Inthiyaz	MD.Inthiyaz
92.	22AJ5A0413	Mohmad Tasleem Pasha	MD.Tasleem	MD.Tasleem	MD.Tasleem	MD.Tasleem	MD.Tasleem	MD.Tasleem
93.	22AJ5A0414	M S N Manikanta Subrahamnyam	MSN.manikanta	MSN.manikanta	MSN.manikanta	MSN.manikanta	MSN.manikanta	MSN.manikanta
94.	22AJ5A0416	Nerusu. Praveen Kumar	N.Praveen Kumar	N.Praveen Kumar	N.Praveen Kumar	N.Praveen Kumar	N.Praveen Kumar	N.Praveen Kumar
95.	22AJ5A0417	Polukonda.Dhanush	P.Dhanush	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush
96.	22AJ5A0418	Yadavalli.Ramyasri	Ramyasri	Ramyasri	Ramyasri	Ramyasri	Ramyasri	Ramyasri
97.	22AJ5A0424	Vattem.Venkatesh	v.venkatesh	v.venkatesh	v.venkatesh	v.venkatesh	v.venkatesh	v.venkatesh


 Head of the Department
 Electronics and Communication Engineer
 Amrita Sai Institute of Science and Technology
 PARITALA (Post), Kanchikacherla(M),
 Krishna District A.P. 521100


IQAC Coordinator
 Amrita Sai Institute of Science & Technology
 Amrita Sai Nagar, Paritala -521180

AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Certificate


Of participation

A TWO WEEKS VALUE ADDED COURSE ON

“APPLICATIONS OF IOT”

Mr/Ms CHINNI VAMSI has participated in the two-week certificate Programme on “Applications of IOT”, organized by department of Mechanical Engineering held on 30-01-2023 to 11-02-2023 in Amrita Sai Institute of Science and Technology.

Balaji
B BALAJI
Coordinator


Dr. V RAMESH
Head of the Department



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DEPARTMENT OF MECHANICAL ENGINEERING

Paritala,

Dt: 01-02-2023

Circular

This is to inform that the department of Mechanical engineering is conducting two weeks' value added course on "**Solar Photovoltaic Fundamentals, Technology and Applications**" for benefit of II & III B. Tech students from **13-02-2023 to 25-02-2023**. In this part, the Program has been designed to help the students learn the basics of Design, Erection and Commissioning, of Solar Power Plants through lectures, experiments and Lab sessions. All concepts related to Technology, Design and Planning of Solar Power Plants along with balance of Plants shall be explained. Financial and Economic aspects shall also be covered.

All the students shall give their names to coordinator listed below on or before **08-02-2023**. Hence all the students are hereby informed to attend the classes without fail.

Venue: **SEMINAR HALL**, Mechanical Engineering Department, ASIST.

Coordinator: **Mr. B SAI RAM KRISHNA**,

Assistant Professor,

Mechanical Engineering Department.

Signature of All HODs						IQAC	OFFICE	LIBRARY

MECH HOD

HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

Copy to:

- All staff members
- IV B. Tech Students
- Notice board
- File

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180



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DEPARTMENT OF MECHANICAL ENGINEERING

Dt: 01/02/2023

WEEK/DAY- Wise Course Schedule

Name of the Program: Two weeks' value added course on

"Solar Photovoltaic Fundamentals, Technology and Applications"

S.No	Day	Date	Topics To Be Covered
1	Monday	13/02/2023	Solar PV Fundamentals and Technologies. Introduction to semiconductor Physics.
2	Tuesday	14/02/2023	Theory of P-N junction, Operation of P- N junction as solar cells.
3	Wednesday	15/02/2023	Parameters and design of solar cells.
4	Thursday	16/02/2023	Solar cell materials and technologies.
5	Friday	17/02/2023	Fabrication of crystalline Silicon solar cells.
6	Saturday	18/02/2023	Solar PV modules. PV module output as function of temperature and solar radiation. Applications of Solar PV Technologies. Introduction to powerelectronics devices.
7	Monday	20/02/2023	Off-grid and grid-connected PV systems. Components of solar PV systems.
8	Tuesday	21/02/2023	Charge controller. DC-DC converter, DC-AC inverter.
9	Wednesday	22/02/2023	Maximum power point tracking. Energy storage options for solar PV systems.
10	Thursday	23/02/2023	Availability of solar radiation at a given location.
11	Friday	24/02/2023	Design of off-grid PV systems
12	Saturday	25/02/2023	Design of grid-connected PV systems. Life cycle cost analysis.

B. Sairam
COORDINATOR

B. P. T.
HOD MECH

HEAD OF THE DEPARTMENT
Mechanical Engineering
Amrita Sai Institute of Science & Technology
Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.

[Signature]
IQAC Coordinator

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

VALUE ADDED COURSEON

“Solar Photovoltaic Fundamentals,
Technology and Applications”

From

13/02/2023 to 25/02/2023

Convener

B PRANEETH ASST. PROFESSOR & HEAD

Organized by

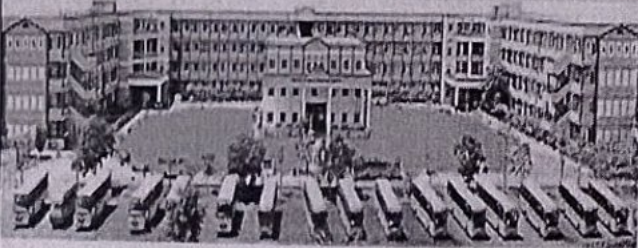
Department of

MECHANICAL ENGINEERING



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www.amritasai.org.in



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INSTITUTE OF SCIENCE & TECHNOLOGY
(AUTONOMOUS)

Approved by AICTE New Delhi

Affiliated to JNTU, Kakinada

Paritala, Krishna District-521180(A.P)

An ISO 9001:2008 Certified Institution

About Our College:

Amrita Sai Institute of Science and Technology is a synonym for qualitative academic pursuit which churns the knowledge of the students in order to reap the best technocrats who can change the shape of the global standards in engineering arena. This institution is established in the year 2007, under the Amrita Sai Educational Improvement Trust, a visionary academy, serves the needs of education sector in bringing up the highly qualified Engineers. This institution is situated in a pollution free, serene environment and surrounded with beautiful fields alluring the attention of people at Paritala, Kanchikacherla Mandal, nearer to Vijayawada city which has been a centre of knowledge for years.

Courses Offered: Civil, Mechanical, CSE, ECE, EEE & IT, M Tech-ECE, EEE, CSE, MCA, and MBA. Amrita Sai Institute of Science and Technology is Approved by AICTE, New Delhi, affiliated to JNTU, Kakinada. Recognized by Govt. of A.P. Managed by Amrita Sai Educational Improvement Trust, Paritala, Kanchikacherla (M.D.), Krishna Dist. A.P.

This institution provides uncompromising infrastructural facilities with state - of - the - art laboratories, spacious and well - structured class rooms, drawing hall, and workshop and conference room to cater to the instructional needs of the students.

About the Department:

The Department of Mechanical Engineering was established in 1998 and offers B. Tech course in Mechanical Engineering. The department has qualified and experienced staff and well-equipped laboratories with state-of-the-art facilities. Students of the department have added value to the department by getting placed in reputed core and software companies and excelling in competitive examinations. The Department is marching forward keeping pace with the technological advances in Mechanical Engineering

About the course:

The most important scientific and technical challenges facing humanity in the 21st century are energy security, environmental security and economic security; these can likely be met only through addressing the energy problem with in the next 10-20 years. Meeting global energy demand in a sustainable fashion will require not only increased energy efficiency and new methods of using existing carbon based fuels but also renewable energy. Moreover, rising prices and sporadic shortages of fossil fuels provides the impetus for the present worldwide effort to develop alternative sources of energy. Solar energy is to be a major primary energy source; utilization requires solar capture and conversion. In this course we will discuss about various photovoltaics technologies, different generation of solar cells, device fabrication and characterization techniques and applications in industries.

Program Schedule:

13/02/2023 to 25/02/2023

Recourse Person:

Dr. Y Chandra Sekhar,

Asst. Professor, Dept. of EEE,

National Institute of Technology, Warangal.

Coordinator:

Mr. B Sai Ram Krishna

Organizing Committee:

Mr. A Feroz

Mr. K Kiran Kumar

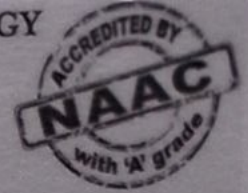
Mr. N Ram Krishna

Mr. Sk Moulali



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DEPARTMENT OF MECHANICAL ENGINEERING

PROGRAM REPORT

TWO WEEKS VALUE ADDED COURSE ON
"SOLAR PHOTOVOLTAIC FUNDAMENTALS, TECHNOLOGY AND APPLICATIONS"

From
13/02/2023 to 25/02/2023

Resource Person:

Dr. Y Chandra Sekhar, Asst Professor, Dept. of EEE,
National Institute of Technology, Warangal.

Faculty Coordinators:

1. Mrs. B SAI RAM KRISHNA
Assistant Professor
Ph.no:7730979095
Mailid:sonuchinnu1005@gmail.com

Number of students attended: 40

Venue: E-CLASS ROOM, MECH Department

The department of MECHANICAL engineering is conducting two weeks' value added course on "Solar Photovoltaic Fundamentals, Technology and Applications" for benefit of II & III B. Tech students, by resource person Dr. Y Chandra Sekhar, In this part, the Program has been designed to help the students learn the basics of Design, Erection and Commissioning, of Solar Power Plants. Totally 40 students were participated in this training program and after the completion of the program they were able to understand the following objectives and learning outcomes.

Course objectives:

The objective of the course is:

- To develop a comprehensive technological understanding in solar PV system components
- To provide in-depth understanding of design parameters to help design and simulate the performance of a solar PV power plant.
- To pertain knowledge about planning, project implementation and operation of solar PV power generation.

The topics covered: -

- Solar PV Fundamentals and Technologies. Introduction to semiconductor Physics.
- Theory of P-N junction, Operation of P- N junction as solar cells.
- Parameters and design of solar cells.
- Solar cell materials and technologies.
- Fabrication of crystalline Silicon solar cells.
- Solar PV modules. PV module output as function of temperature and solar radiation. Applications of Solar PV Technologies. Introduction to power electronics devices.
- Off-grid and grid-connected PV systems.
- Components of solar PV systems.
- Charge controller.
- DC-DC converter, DC-AC inverter.
- Maximum power point tracking.
- Energy storage options for solar PV systems.
- Availability of solar radiation at a given location.
- Design of off-grid PV systems.
- Design of grid-connected PV systems.
- Life cycle cost analysis.

Outcomes of the program:

After completing this course, a student will be able to:

- Develop understanding on the PV plant design and select suitable technologies
- Design and simulate a PV power plant using software tool
- Plan project implementation, operation and maintenance
- Carry out techno-economic-environmental performance evaluation of a solar PV powerplant.

This course was very useful to the students and their feedback is positive. The management and Dr. M. Sashidhar Garu, Principal of Amrita Sai Institute of Science and Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1. *B. Sairam*

2.

B.P.T
Signature of the HOD

HEAD OF THE DEPARTMENT
Mechanical Engineering
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala - 521180

[Signature]
IQAC Coordinator

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180



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DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF ENROLLED STUDENTS

Name of Program- "Solar Photovoltaic Fundamentals, Technology & Applications"

S.No	Regd No	Name of the Student	Year/ Branch	Signature
1	20AJ1A0301	B.DURGA PHANINDRA	B.TECH(MECH)_3 rd YEAR	<i>B. Durga</i>
2	20AJ1A0302	CH.NEELA KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Neela Kumar</i>
3	20AJ1A0303	CH. MADHUSUDHAN REDDY	B.TECH(MECH)_3 rd YEAR	<i>Madhusudhan Reddy</i>
4	20AJ1A0304	D. RAVINDRA REDDY	B.TECH(MECH)_3 rd YEAR	<i>Ravindra Reddy</i>
5	20AJ1A0305	G. PREM KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Prem Kumar</i>
6	20AJ1A0306	G. NARASIMHA RAO	B.TECH(MECH)_3 rd YEAR	<i>Narasimha Rao</i>
7	20AJ1A0307	V.V.V.SIVA NAGA SAI	B.TECH(MECH)_3 rd YEAR	<i>Siva</i>
8	20AJ1A0308	K.SRIKANTH REDDY	B.TECH(MECH)_3 rd YEAR	<i>Srikanth Reddy</i>
9	20AJ1A0309	K NIKHIL	B.TECH(MECH)_3 rd YEAR	<i>Nikhil</i>
10	20AJ1A0310	K. NARASIMHA RAO	B.TECH(MECH)_3 rd YEAR	<i>Narasimha Rao</i>
11	20AJ1A0311	M. ANIL KUMAR REDDY	B.TECH(MECH)_3 rd YEAR	<i>Anil Kumar Reddy</i>
12	20AJ1A0312	M. VINOD KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Vinod Kumar</i>
13	20AJ1A0313	M NARESH	B.TECH(MECH)_3 rd YEAR	<i>Nareesh</i>
14	20AJ1A0316	TALARI ASHOK	B.TECH(MECH)_3 rd YEAR	<i>Ashok</i>
15	20AJ1A0317	T. ARUN KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Arun Kumar</i>
16	21AJ5A0301	A.PAVAN KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Pavan Kumar</i>
17	21AJ5A0302	CH. RAVI	B.TECH(MECH)_3 rd YEAR	<i>Ch Ravi</i>
18	21AJ5A0303	CH. SURESH BABU	B.TECH(MECH)_3 rd YEAR	<i>Suresh Babu</i>
19	21AJ5A0304	CH. GANESH KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Ganesh Kumar</i>
20	21AJ5A0305	G. HARI GOPAL	B.TECH(MECH)_3 rd YEAR	<i>Hari Gopal</i>
21	21AJ5A0306	G.DHANUNJAYA RAO	B.TECH(MECH)_3 rd YEAR	<i>Dhanunjaya Rao</i>
22	21AJ5A0307	G. NAVEEN	B.TECH(MECH)_3 rd YEAR	<i>Naveen</i>
23	21AJ5A0308	J.SUDHEER	B.TECH(MECH)_3 rd YEAR	<i>J Sudheer</i>
24	21AJ5A0310	K. DINESH	B.TECH(MECH)_3 rd YEAR	<i>Dinesh</i>
25	21AJ5A0311	K. RAMA RAO	B.TECH(MECH)_3 rd YEAR	<i>Rama Rao</i>
26	21AJ5A0312	K. SRAVAN KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Sraavan Kumar</i>
27	21AJ5A0313	M. SHOAIB AHMAD	B.TECH(MECH)_3 rd YEAR	<i>M Shoaib Ahmad</i>
28	21AJ5A0314	N. ARVIND	B.TECH(MECH)_3 rd YEAR	<i>Arvind</i>
29	21AJ5A0315	P.V.S.SAI RUSHIKESH VARDHAN	B.TECH(MECH)_3 rd YEAR	<i>Rushikesh Vardhan</i>
30	21AJ5A0316	P.Y .GOPALA KRISHNA	B.TECH(MECH)_3 rd YEAR	<i>Gopala Krishna</i>
31	21AJ5A0317	P. NEERAJ KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Neeraj Kumar</i>
32	21AJ5A0318	P. HEMANTH KUMAR	B.TECH(MECH)_3 rd YEAR	<i>Hemant Kumar</i>
33	21AJ5A0319	P. YASWANTH	B.TECH(MECH)_3 rd YEAR	<i>Yaswanth</i>
34	21AJ5A0320	R. ADITHYA	B.TECH(MECH)_3 rd YEAR	<i>R Adithya</i>
35	21AJ5A0322	SHAIK TAJJUDIN	B.TECH(MECH)_3 rd YEAR	<i>Sh Tajjudin</i>
36	21AJ5A0323	S. KONDA NIKHIL	B.TECH(MECH)_3 rd YEAR	<i>S. Konda Nikhil</i>
37	21AJ5A0324	TVS RAGHAVA BALA	B.TECH(MECH)_3 rd YEAR	<i>TVS Raghu Bala</i>
38	21AJ5A0325	P NAGUL MEERA	B.TECH(MECH)_3 rd YEAR	<i>P. Nagul Meera</i>
39	21AJ5A0326	V.KOTESWARAO	B.TECH(MECH)_3 rd YEAR	<i>V. Koteswarao</i>
40	21AJ5A0328	Y. JOHNSON	B.TECH(MECH)_3 rd YEAR	<i>Y. Johnson</i>

BSPR
Signature of the Coordinator

R.P.T.
Signature of the HOD

ICAC Coordinator

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

HEAD OF THE DEPT. OF
Mechanical Engineering
Amrita Sai Institute of Science and Technology
Amrita Sai Nagar, Paritala -521180



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www.amritasai.edu.in, Phone: 0866 2428399.



DAY-WISE ATTENDANCE SHEET

Name of Program- "Solar Photovoltaic Fundamentals, Technology & Applications"

S.NO	REGD NO	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FEED BACK
1	20AJ1A0301	B.DURGA PHANINDRA	P	A	P	P	P	P	P	P	P	P	P	P	11	Very good
2	20AJ1A0302	CH.NEELA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	12	good
3	20AJ1A0303	CH. MADHUSUDHAN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	12	very good
4	20AJ1A0304	D.RAVINDRA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	12	good
5	20AJ1A0305	G. PREM KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	11	very good
6	20AJ1A0306	G. NARASIMHA RAO	P	P	P	P	P	P	P	P	P	P	P	P	12	
7	20AJ1A0307	V.V.V.SIVA NAGA SAI	P	P	P	P	P	A	P	P	P	P	P	P	11	extra ordinary
8	20AJ1A0308	K.SRIKANTH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	12	extro Idinary.
9	20AJ1A0309	K NIKHIL	P	P	P	P	P	P	P	P	P	P	P	P	12	good
10	20AJ1A0310	K. NARASIMHA RAO	P	P	P	P	P	A	P	P	P	P	P	P	11	Excellent
11	20AJ1A0311	M. ANIL KUMAR REDDY	P	A	P	P	P	P	P	P	P	P	P	P	11	good
12	20AJ1A0312	M. VINOD KUMAR	A	P	P	P	P	P	P	P	P	P	P	P	9	Very good
13	20AJ1A0313	M NARESH	P	P	P	P	P	P	P	P	P	P	P	P	12	extra ordinary
14	20AJ1A0316	TALARI ASHOK	P	P	A	P	P	P	A	P	P	P	A	P	9	Very good
15	20AJ1A0317	T. ARUN KUMAR	A	A	P	P	P	P	P	P	P	P	A	P	10	good
16	21AJ5A0301	A.PAVAN KUMAR	P	P	A	P	P	P	P	P	P	P	P	P	11	Very good
17	21AJ5A0302	CH. RAVI	P	P	P	P	P	P	P	P	P	P	P	P	12	extraordinary
18	21AJ5A0303	CH. SURESH BABU	P	P	P	P	P	P	P	P	P	P	P	P	12	Excellent
19	21AJ5A0304	CH. GANESH KUMAR	A	P	P	P	P	P	P	P	P	P	P	P	11	Very good
20	21AJ5A0305	G. HARI GOPAL	P	P	P	P	P	P	P	P	P	P	P	P	11	excellent
21	21AJ5A0306	G.DHANUNJAYA RAO	P	P	P	P	P	P	P	P	P	P	P	P	12	Good
22	21AJ5A0307	G. NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	12	Good
23	21AJ5A0308	J.SUDHEER	P	P	A	P	P	P	P	P	P	A	P	P	10	Very good
24	21AJ5A0310	K. DINESH	P	P	P	P	P	P	P	P	P	P	P	P	12	good
25	21AJ5A0311	K. RAMA RAO	P	P	A	P	P	P	P	P	P	P	P	P	11	excellent
26	21AJ5A0312	K. SRAVAN KUMAR	P	P	P	P	P	A	P	P	P	P	P	P	11	very good

27	21AJ5A0313	M. SHOAIB AHMAD	P	P	P	P	P	P	P	P	P	P	P	P	12	good
28	21AJ5A0314	N. ARVIND	P	P	P	P	P	P	P	P	P	P	P	P	12	Very good
29	21AJ5A0315	P.V.S.SAI RUSHIKESH VARDHAN	P	P	P	P	P	P	P	A	P	P	P	P	11	very good
30	21AJ5A0316	P.Y .GOPALA KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	12	good
31	21AJ5A0317	P. NEERAJ KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	12	Good
32	21AJ5A0318	P. HEMANTH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	12	Very good
33	21AJ5A0319	P. YASWANTH	P	P	P	P	P	P	P	P	P	P	P	P	12	Good.
34	21AJ5A0320	R. ADITHYA	P	A	P	P	P	P	P	P	P	P	P	P	11	Very Good
35	21AJ5A0322	SHAIK TAJJUDIN	P	P	P	P	P	P	P	P	P	P	P	P	12	GOOD
36	21AJ5A0323	S. KONDA NIKHIL	P	P	P	P	P	P	P	P	P	P	P	P	12	Extraordinary
37	21AJ5A0324	TVS RAGHAVA BALA	P	P	P	P	P	P	P	P	P	P	P	P	12	Good
38	21AJ5A0325	P NAGUL MEERA	A	P	P	P	P	P	P	P	P	P	P	P	11	very good
39	21AJ5A0326	V.KOTESWARAO	P	P	P	P	P	P	P	P	P	P	P	P	12	Extraordinary
40	21AJ5A0328	Y. JOHNSON	A	A	P	P	P	P	P	P	P	P	P	P	11	Good

BSRK

Signature of the Coordinator



IQAC Coordinator

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

R.P.T

Signature of the HOD

HEAD OF THE DEPARTMENT
Mechanical Engineering
Amrita Sai Institute of Science and Technology
Amrita Sai Nagar, Paritala -521180

AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING



Certificate

Of participation

A TWO WEEKS VALUE ADDED COURSE ON

**“SOLAR PHOTOVOLTAIC FUNDAMENTALS, TECHNOLOGY &
APPLICATIONS”**

Mr./Ms. CH RAVI has participated in the two-week certificate Programme on “Solar Photovoltaic Fundamentals, Technology & Applications”, organized by department of Mechanical Engineering held on 13-02-2023 to 25-02-2023 in Amrita Sai Institute of Science and Technology.

B. Sai Ram
B SAI RAM KRISHNA
Coordinator

B. Praneeth
B PRANEETH
Head of the Department
HEAD OF THE DEPT OF
Mechanical Engineering



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www.amritasai.edu.in, Phone: 0866 2428399.



DEPARTMENT OF MECHANICAL ENGINEERING

Dt: 02/08/2022.

CIRCULAR

This is to inform that the Department of Mechanical Engineering is conducting two weeks Value Added Course of "**SOLID WORKS**" for benefit of IV B. Tech students from 16-08-2022 to 29-08-2022. All the students shall give their names to coordinator listed below on or before 10-08-2022. Hence, all the students are hereby informed to attend the classes without fail.

Venue: **Simulation Lab**, Mechanical Engineering Department, ASIST.

Coordinator: **Mr. T Gopal Rao**,

Assistant Professor,

Mechanical Engineering Department.

Signature of All HODs						IQAC	OFFICE	LIBRARY

B.P.R.
MECH HOD

HEAD OF THE DEPARTMENT
Mechanical Engineering
Amrita Sai Institute of Science and Technology
Paritala, Krishna District, Andhra Pradesh

Copy to:

- All staff members
- IV B. Tech Students
- Notice board
- File



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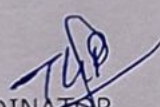


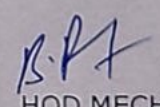
DEPARTMENT OF MECHANICAL ENGINEERING

Week/Day-Wise Course Schedule

Name of the Program: Two week's Value Added Course on "Solid Works"

S.No	Day	Date	Topics To Be --Covered
1	TUESDAY	16/08/2021	<ul style="list-style-type: none">Introduction to CAD features of Solid Works, various products available in Solid works, Design and Assemble modelling, Graphical User Interface.
2	WEDNESDAY	17/08/2021	<ul style="list-style-type: none">Sketch Entities and Sketch Tools
3	THURSDAY	18/08/2021	<ul style="list-style-type: none">Relations-adding sketch relation, Automatic relations, Dimensioning.
4	FRIDAY	19/08/2021	<ul style="list-style-type: none">Part Modelling Tools
5	SATURDAY	20/08/2021	<ul style="list-style-type: none">Creating Swept features and Selecting geometries
6	MONDAY	21/08/2021	<ul style="list-style-type: none">Creating reference-points, axis, coordinates creating curves
7	TUESDAY	23/08/2021	<ul style="list-style-type: none">Creating rib with an example, Creating Pattern
8	WEDNESDAY	24/08/2021	<ul style="list-style-type: none">Assembly Modelling Tools
9	THURSDAY	25/08/2021	<ul style="list-style-type: none">Applying Mechanical Mates-cam, hinge, gear, rack pinion, screw, Universal joint, Manipulating components.
10	FRIDAY	26/08/2021	<ul style="list-style-type: none">Creating Pattern- Assembly pattern, Mirror Creating Explode views
11	SATURDAY	27/08/2021	<ul style="list-style-type: none">Surface modelling tools, creating extrude, revolve, swept, loft, boundary surface, inserting planar surface, offset surface, radiate surface.
12	MONDAY	29/08/2021	<ul style="list-style-type: none">Generating views-projected views, Inserted standard 3 view, Auxiliary views, Detailed views, Crop view.


COORDINATOR


HOD MECH

HEAD OF THE DEPARTMENT
Mechanical Engineering

Amrita Sai Institute of Science & Technology
Paritala, Krishna District, Andhra Pradesh - 521180

IQAC Coordinator

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

VALUE ADDED COURSE

"SOLID WORKS"

From

16/08/2022 to 29/08/2022

Convener

B PRANEETH ASST. PROFESSOR & HEAD

Organized by

Department of

MECHANICAL ENGINEERING



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

AUTONOMOUS

Paritala, Kanchikacherla Mandal, Krishna Dist. 521180



AMRITA SAI

**INSTITUTE OF SCIENCE & TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE New Delhi

Affiliated to JNTU, K. kinada

Paritala, Krishna District-521180(A.P)

AN ISO 9001:2008 Certified Institution

About Our College:

Amrita Sai Institute of Science and Technology is a synonym for qualitative academic pursuit which churns the knowledge of the students in order to reap the best technocrats who can change the shape of the global standards in engineering arena. This institution is established in the year 2007, under the Amrita Sai Educational Improvement Trust, a visionary academy, serves the needs of education sector in bringing up the highly qualified Engineers. This institution is situated in a pollution free, serene environment and surrounded with beautiful fields alluring the attention of people at Paritala, Kanchikacherla Mandal, nearer to Vijayawada city which has been a centre of knowledge for years.

Courses Offered: Civil, Mechanical, CSE, ECE, EEE & IT, M Tech-ECE, EEE, CSE, MCA, and MBA. Amrita Sai Institute of Science and Technology is Approved by AICTE, New Delhi, affiliated to JNTU, Kakinada. Recognized by Govt. of A.P. Managed by Amrita Sai Educational Improvement Trust, Paritala, Kachikacherla (M.D.), Krishna Dist. A.P.

This institution provides uncompromising infrastructural facilities with state - of - the - art laboratories, spacious and well - structured class rooms, drawing hall, and workshop and conference room to cater to the instructional needs of the students.

About the Department:

The Department of Mechanical Engineering was established in 1998 and offers B.Tech course in Mechanical Engineering. The department has qualified and experienced staff and well-equipped laboratories with state-of-the-art facilities. Students of the department have added value to the department by getting placed in reputed core and software companies and excelling in competitive examinations. The Department is marching forward keeping pace with the technological advances in Mechanical Engineering

About the course:

Solid works course is used to develop a robust and fully functioned mechatronics system from beginning to end. At the initial stage, the software is used for planning, visual ideation, modelling, prototype, and project management. The software will then help you to design and build mechanical, electrical, or software elements. Finally, you can manage things like device management, analytics, data automation, and cloud services with the help of Solidworks.

Objective of the Course:

To use the techniques, skills and modern engineering tools necessary for engineering.

Understanding of professional and ethical responsibility in the areas of designing and managing of products.

Certificate:

After successful completion of the course the certificates shall be issued to the participants.

Course Outcome:

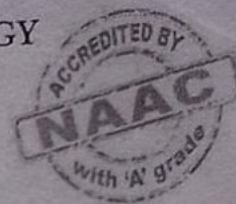
After completing the course, Evaluate the skills in using the tools in designing 3D objects and also testing of the materials.

Resource person:

**Mr. S RAMESH KUMAR
&
Mr. P RATNA PRASAD
ASST. PROFESSOR,
MECHANICAL DEPT.
KL UNIVERSITY.**

Program coordinator:

**Mr T GOPAL RAO
Asst. Professor,
Dept. of Mechanical Engg.
ASIST.**



DEPARTMENT OF MECHANICAL ENGINEERING

PROGRAM REPORT

**TWO WEEKS VALUE ADDED COURSE ON
"SOLID WORKS"**

From

16/08/2022 to 29/08/2022

Resource Person:

Mr. S RAMESH KUMAR

&

Mr. P RATNA PRASAD

Asst. Professor, Department of ME,
KL UNIVERSITY, VIJAYAWADA.

Faculty Coordinators:

Mr. T GOPAL RAO,
Assistant Professor
Ph.no:8555991922

Number of students attended: 55

Venue: Simulation Lab, MECH Department

The department of Mechanical Engineering is conducting two weeks value added course on "**SOLID WORKS**" for benefit of IV B. Tech students, by resource person **S RAMESH KUMAR & P RATNA PRASAD**, In this part, the Program has been designed to help the students learn the basics of Solid Works. Totally 50 students were participated in this training program and after the completion of the program they were able to understand the following objectives and learning outcomes.

Course objectives:

The objective of the course is:

- To use the techniques, skills and modern engineering tools necessary for engineering.
- Works portfolio provide a wide range of design and engineering capabilities that help you move from concept to final assembly.
- Understanding of professional and ethical responsibility in the areas of designing and managing of products.

The topics covered: -

- Introduction to CAD features of Solid Works.
- Design and assembly Modelling.
- Sketch Entities and Sketch Tools Operators
- Relations-adding sketch relation
- Creating Swept features and Selecting geometries
- Creating rib with an example, Creating Pattern
- Assembly Modelling Tools
- Applying Mechanical Mates
- Creating Pattern
- Surface modelling tools
- Generating views-projected views

Outcomes of the program:

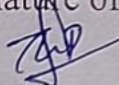
After completing this course a student will be able to:

After completing the course, Evaluate the skills in using the tools in designing 3D objects and also testing of the materials. This course was very useful to the students and their feedback is positive.

The Management and Dr. M. Sasidhar Garu, Principal of Amrita Sai Institute of Science and Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1.

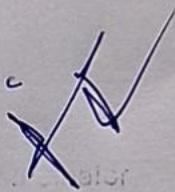


2.

Signature of the HOD

HEAD OF THE DEPARTMENT
Mechanical Engineering

Amrita Sai Institute of Science and Technology
Amrita Sai Nagar, Paritala - 521180



Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180



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DEPARTMENT OF MECHANICAL ENGINEERING

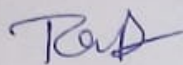
LIST OF ENROLLED STUDENTS

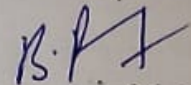
Name of Program- "SOLID WORKS"

S.No	Regd No	Name of the Student	Year/ Branch	Signature
1	19AJ1A0301	AMBATI RAJESH	B.TECH(MECH)_4 th YEAR	Rajesh
2	19AJ1A0302	ARIGELA AKHIL	B.TECH(MECH)_4 th YEAR	Akhil
3	19AJ1A0303	BAAG ANIL	B.TECH(MECH)_4 th YEAR	Anil
4	19AJ1A0304	BANDI RAJESH	B.TECH(MECH)_4 th YEAR	B. Rajesh
5	19AJ1A0308	DAMMALAPATI SRINATH	B.TECH(MECH)_4 th YEAR	Srinath
6	19AJ1A0309	GADDE SIVA KOTI ACHYUTH	B.TECH(MECH)_4 th YEAR	Achyuth
7	19AJ1A0310	GALLA VENUGOPAL	B.TECH(MECH)_4 th YEAR	V. Venugopal
8	19AJ1A0311	GARIKAPATI RAVINDRA	B.TECH(MECH)_4 th YEAR	Ravindra
9	19AJ1A0312	JELDI SIDDHARDHA	B.TECH(MECH)_4 th YEAR	Siddhardha
10	19AJ1A0313	KANAGALA ASHOK KUMAR	B.TECH(MECH)_4 th YEAR	Ashok
11	19AJ1A0314	KANDULA DEELIP	B.TECH(MECH)_4 th YEAR	Deelip
12	19AJ1A0315	KANDULA SAI KUMAR	B.TECH(MECH)_4 th YEAR	Sai Kumar
13	19AJ1A0316	KATTA TRINADH	B.TECH(MECH)_4 th YEAR	Trinadh
14	19AJ1A0318	M VENKATA SRINIVAS TAGORE	B.TECH(MECH)_4 th YEAR	M. Venkata Srinivas Tagore
15	19AJ1A0319	MARRIBOINA MANIKANTA	B.TECH(MECH)_4 th YEAR	Manikanta
16	19AJ1A0320	NAMALA RAKESH	B.TECH(MECH)_4 th YEAR	Rakesh
17	19AJ1A0321	PENDEM GOPICHAND	B.TECH(MECH)_4 th YEAR	Gopichand
18	19AJ1A0322	PIDATALA NAGARAJU	B.TECH(MECH)_4 th YEAR	Nagaraju
19	19AJ1A0323	PRATHIPATI NAGARAJU	B.TECH(MECH)_4 th YEAR	Nagaraju
20	19AJ1A0324	PULATHOTA GANESH KUMAR	B.TECH(MECH)_4 th YEAR	Ganesh
21	19AJ1A0325	PUNURI VIJAY KUMAR	B.TECH(MECH)_4 th YEAR	Vijay Kumar
22	19AJ1A0326	SHAIK ABDUL	B.TECH(MECH)_4 th YEAR	Abdul
23	19AJ1A0327	SHAIK KABEER	B.TECH(MECH)_4 th YEAR	Kabeer
24	19AJ1A0328	SHAIK MD JAVEED	B.TECH(MECH)_4 th YEAR	Javeed
25	19AJ1A0329	SHAIK MOHAMMAD RAFI	B.TECH(MECH)_4 th YEAR	Rafi
26	19AJ1A0331	TADAPANENI LAKSHMI NARAYANA	B.TECH(MECH)_4 th YEAR	Lakshmi Narayana
27	19AJ1A0332	T KANAKA DURGA VARA PRASAD	B.TECH(MECH)_4 th YEAR	T.K.D.V. Prasad
28	19AJ1A0333	THAMMISSETTI BHANU TEJA	B.TECH(MECH)_4 th YEAR	Teja
29	19AJ1A0334	TIRUMALAKONDA RAM PRASAD	B.TECH(MECH)_4 th YEAR	T. Ramprasad
30	19AJ1A0335	UMMANENI NAVEEN	B.TECH(MECH)_4 th YEAR	Naveen
31	19AJ1A0336	UMMANENI SAI PRANEETH	B.TECH(MECH)_4 th YEAR	Sai Praneeth
32	19AJ1A0337	VARDHABOINA GOPICHAND	B.TECH(MECH)_4 th YEAR	Gopichand
33	19AJ1A0338	VENIGALLA VENKATA JAYANTH	B.TECH(MECH)_4 th YEAR	Jayanth
34	19AJ1A0339	VEPURI BHANUTEJA	B.TECH(MECH)_4 th YEAR	Bhanuteja
35	19AJ1A0340	VUTLA NARASIMHA SWAMY	B.TECH(MECH)_4 th YEAR	Narasimha Swamy
36	19AJ1A0341	YALAGALA SAI RAM	B.TECH(MECH)_4 th YEAR	Sai Ram
37	19AJ1A0342	YARRAMSETTI NAVEEN	B.TECH(MECH)_4 th YEAR	Naveen
38	20AJ5A0301	ADAPA PAVAN KARTHIK	B.TECH(MECH)_4 th YEAR	Pavan Kartik
39	20AJ5A0302	ARUMULLA VENKATESH	B.TECH(MECH)_4 th YEAR	Venkatesh
40	20AJ5A0303	BARLA NAGA CHAITANYA KUMAR	B.TECH(MECH)_4 th YEAR	Naga Chaitanya Kumar
41	20AJ5A0304	BATTU SAI KUMAR	B.TECH(MECH)_4 th YEAR	Sai Kumar
42	20AJ5A0305	CHAKALI SREENIVASULU	B.TECH(MECH)_4 th YEAR	Sri Sreenivasulu

43	20AJ5A0306	CHIKATAPU RAVI TEJA	B.TECH(MECH)_4 th YEAR	Pavani
44	20AJ5A0307	EDAPANUR HEMANTH KUMAR	B.TECH(MECH)_4 th YEAR	Hemant
45	20AJ5A0308	MUDDANA GOWRI SANKAR	B.TECH(MECH)_4 th YEAR	Sankar
46	20AJ5A0309	NAIGAPULLA SAIKRISHNA	B.TECH(MECH)_4 th YEAR	Sai Krishna
47	20AJ5A0310	RAMISETTI VENKATESWARA RAO	B.TECH(MECH)_4 th YEAR	Venkatesw
48	20AJ5A0311	SAMBANGI GOWRISANKAR RAO	B.TECH(MECH)_4 th YEAR	Gowrisank
49	20AJ5A0312	SHAIK CHANDUSHA	B.TECH(MECH)_4 th YEAR	Chandusha
50	20AJ5A0313	THOTA NAVEEN	B.TECH(MECH)_4 th YEAR	Naveen
51	20AJ5A0314	K.V SAI KUMAR	B.TECH(MECH)_4 th YEAR	Sai Kumar
52	20AJ5A0315	PATTAPURAM BHARATH	B.TECH(MECH)_4 th YEAR	Bharath
53	20AJ5A0316	KASARELLI VENKATESH	B.TECH(MECH)_4 th YEAR	Venkatesh
54	20AJ5A0317	KONDETI.SAI GOPAL	B.TECH(MECH)_4 th YEAR	Sai Gopal
55	20AJ5A0318	MEENIGA SRINIVASA RAO	B.TECH(MECH)_4 th YEAR	Srinivasa

Signature of the Coordinators

1. 
- 2.


Signature of the HOD

HEAD OF THE DEPARTMENT
Mechanical Engineering
Amrita Sai Institute of Science and Technology
Amrita Sai Nagar, Paritala - 521180


IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala - 521180



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Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.
www.amritasai.edu.in, Phone: 0866 2428399.



DAY-WISE ATTENDENCE SHEET

Name of Program-"SOLID WORKS"

S.NO	REGD NO	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	FEED BACK	SIGNATURE
1	19AJ1A0301	AMBATI RAJESH	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Rajesh
2	19AJ1A0302	ARIGELA AKHIL	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Akhil
3	19AJ1A0303	BAAG ANIL	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Anil
4	19AJ1A0304	BANDI RAJESH	P	P	P	P	P	P	P	P	P	P	P	P	Good	Rajesh
5	19AJ1A0308	DAMMALAPATI SRINATH	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Srinath
6	19AJ1A0309	GADDE SIVA KOTI ACHYUTH	P	P	P	P	P	P	P	P	P	P	P	P	Good	Achyuth
7	19AJ1A0310	GALLA VENUGOPAL	P	P	P	P	P	P	P	P	P	P	P	P	Good	Gopal
8	19AJ1A0311	GARIKAPATI RAVINDRA	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Ravindra
9	19AJ1A0312	JELDI SIDDHARDHA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Siddhardha
10	19AJ1A0313	KANAGALA ASHOK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	Good	K. Ashok
11	19AJ1A0314	KANDULA DEELIP	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Deelip
12	19AJ1A0315	KANDULA SAI KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	Good	Sai Kumar
13	19AJ1A0316	KATTA TRINADH	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Trinadh
14	19AJ1A0318	M VENKATA SRINIVAS TAGORE	P	P	P	P	P	P	P	P	P	P	P	P	Very good	M. Srinivas
15	19AJ1A0319	MARRIBOINA MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P	Good	Manikanta
16	19AJ1A0320	NAMALA RAKESH	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Rakesh
17	19AJ1A0321	PENDEM GOPICHAND	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	P. Gopichand
18	19AJ1A0322	PIDATALA NAGARAJU	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Nagaraju
19	19AJ1A0323	PRATHIPATI NAGARAJU	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Prathipati
20	19AJ1A0324	PULATHOTA GANESH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Ganesh
21	19AJ1A0325	PUNURI VIJAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Vijay Kumar
22	19AJ1A0326	SHAIK ABDUL	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Abdul
23	19AJ1A0327	SHAIK KABEER	P	P	P	P	P	P	P	P	P	P	P	P	Good	Sh. Kabeeer
24	19AJ1A0328	SHAIK MD JAVEED	P	P	P	P	P	P	P	P	P	P	P	P	Good	Javeed
25	19AJ1A0329	SHAIK MOHAMMAD RAFI	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Rafi
26	19AJ1A0331	TADAPANENI LAKSHMI NARAYANA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	L. Narayana

27	19AJ1A0332	T KANAKA DURGA VARA PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	T.k.D.V. Prasad
28	19AJ1A0333	THAMMISETTI BHANU TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Banu Teja
29	19AJ1A0334	TIRUMALAKONDA RAM PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Ram Prasad
30	19AJ1A0335	UMMANENI NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	U. Naveen
31	19AJ1A0336	UMMANENI SAI PRANEETH	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	U. Praneeth
32	19AJ1A0337	VARDHABOINA GOPICHAND	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Gopi
33	19AJ1A0338	VENIGALLA VENKATA JAYANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Jayanth
34	19AJ1A0339	VEPURI BHANUTEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Bonu Teja
35	19AJ1A0340	VUTLA NARASIMHA SWAMY	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	V.N. Swamy
36	19AJ1A0341	YALAGALA SAI RAM	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Sai Ram
37	19AJ1A0342	YARRAMSETTI NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Y. Naveen
38	20AJ5A0301	ADAPA PAVAN KARTHIK	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	A. Karthik
39	20AJ5A0302	ARUMULLA VENKATESH	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Venkatesh
40	20AJ5A0303	BARLA NAGA CHAITANYA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Chaitanya
41	20AJ5A0304	BATTU SAI KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	B. Sai Kumar
42	20AJ5A0305	CHAKALI SREENIVASULU	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Srinivasulu
43	20AJ5A0306	CHIKATAPU RAVI TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Ravi Teja
44	20AJ5A0307	EDAPANUR HEMANTH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	E. Hemant
45	20AJ5A0308	MUDDANA GOWRI SANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Gowri Shankar
46	20AJ5A0309	NAIGAPULLA SAIKRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Sai Krishna
47	20AJ5A0310	RAMISETTI VENKATESWARA RAO	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	R. Venkatesh
48	20AJ5A0311	SAMBANGI GOWRISANKAR RAO	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Gowri Shankar
49	20AJ5A0312	SHAIK CHANDUSHA	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Chandusha
50	20AJ5A0313	THOTA NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Thota Naveen
51	20AJ5A0314	K.V SAI KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Sai Kumar
52	20AJ5A0315	PATTAPURAM BHARATH	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	P. Bharath
53	20AJ5A0316	KASARELLI VENKATESH	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	Venkatesh
54	20AJ5A0317	KONDETI.SAI GOPAL	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Sai Gopal
55	20AJ5A0318	MEENIGA SRINIVASA RAO	P	P	P	P	P	P	P	P	P	P	P	P	P	Good	M. Srinivas

Signature of the Coordinators

IQAC Coordinator

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180.

Signature of the HOD

HEAD OF THE DEPARTMENT
Mechanical Engineering

Amrita Sai Institute of Science and Technology

AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING



Certificate

Of participation

A TWO WEEKS VALUE ADDED COURSE ON

“SOLID WORKS”

Mr/Ms NAMALA RAKESH has participated in the two-week certificate Programme on **“SOLID WORKS”**, organized by department of Mechanical Engineering held on 16-08-2022 to 29-08-2022 in Amrita Sai Institute of Science and Technology.

T GOPAL RAO
Coordinator

A handwritten signature in black ink, appearing to be 'TGR', is written over the printed name and title of the coordinator.

A handwritten signature in black ink, appearing to be 'B.P.F.', is written above the printed name of the head of the department.
B PRANEETH

Head of the Department
MECHANICAL ENGINEERING
AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY
AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY
AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

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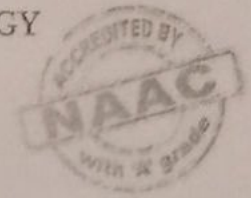
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Paritala,

Dr. 08-09-2022

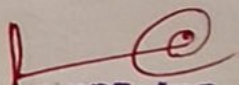
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







It is here by informed to all 4th year students that our college is conducting a two week certificate program on "ARTIFICIAL INTELLIGENCE" from 19-09-2022 to 01-10-2022. All the students shall give their names to coordinator listed below on or before 12-09-2022. Hence, all the students are hereby informed to attend the classes without fail.

Venue: Seminar Hall, Computer Science & Engineering Department,
Amrita Sai Institute of Science & Techonology, Paritala

Co-ordinator: Mr.G.Vijay Kumar

Professor, Department of Computer Science & Engineering.


Professor & HOD, Dept. of CSE
Amrita Sai Institute of Science & Technology,
Amrita Sai Nagar, PARITALA (PO)-521180
Kanchikacherla - MDL, Krishna D.

Signature of All Hods					TPO	IQAC	OFFICE	LIBRARY	
									

Copy To:

- All staff members
- IV B.Tech Students
- Notice board
- File



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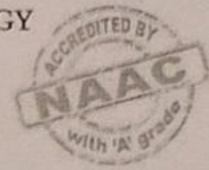
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dt: 15/09/2022.

WEEK/DAY-WISE COURSE SCHEDULE

Name of the Program: Two weeks value added course on "ARTIFICIAL INTELLIGENCE".

S.NO	DAY	DATE	TOPICS TO BE COVERED
1	MONDAY	19-09-2022	Definition and foundation of Artificial Intelligence
2	TUESDAY	20-09-2022	Python for AI & ML - Basics, Jupyter Notebook, functions, packages, libraries.
3	WEDNESDAY	21-09-2022	Applied Statistics - Descriptive statistics, inferential statistics, probability, and hypothesis testing.
4	THURSDAY	22-09-2022	Importance of state space search, solving problems by using different algorithms and searching methods. Solving puzzle problems by AI.
5	FRIDAY	23-09-2022	Featurization, Model Selection & Tuning - Feature engineering, model selection and tuning, model performance measures, and ways of regularization.
6	SATURDAY	24-09-2022	Demystifying Chat GPT and Applications - Chat GPT, Open AI, NLP, and Generative AI. Chat GPT: The Development Stack - Mathematical fundamentals, VAEs, and GANs. Introduction to SQL - DBMS, normalization, joins, sorting, set operations, grouping, and filtering.
7	MONDAY	26-09-2022	Introduction to Neural Networks and Deep Learning - Gradient Descent, Perceptron, Batch Normalization, Activation and Loss Functions, hyper parameter tuning, Tensor Flow, and Keras.
8	TUESDAY	27-09-2022	Computer Vision - Convolutional Neural Networks (CNN), transfer learning, object detection, and segmentation
9	WEDNESDAY	28-09-2022	Natural Language Processing - Preprocessing text data, Bag of Words Model, TF-IDF, Word2Vec, GLOVE, POS Tagging, Named Entity Recognition, Sequential Models, and Recurrent Neural networks (RNNs)
10	THURSDAY	29-09-2022	Exploratory Data Analysis (EDA), Time Series Forecasting
11	FRIDAY	30-09-2022	Model Deployment, Visualization using Tensor board, GANs (Generative Adversarial Networks); Reinforcement Learning.
12	SATURDAY	01-10-2022	AI For Leaders - Understanding AI through data, Applications of AI Program - Great Learning

COORDINATOR

IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

HOD CSE
Professor & HOD, Dept. of CSE
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, PARITALA (PO)-521180
Kanchikacherla, Krishna Dist, Andhra Pradesh

VALUE ADDED COURSE ON ARTIFICIAL INTELLIGENCE

From
19/09/2022 to 01/10/2022
Convener

Organized by
Department of
Computer Science & Engineering



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

AMRITA SAI
INSTITUTE OF SCIENCE
& TECHNOLOGY
(AUTONOMOUS)

Approved by AICTE New
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Kakinada

Paritala, Krishna District-521180(A.P)
An ISO 9001:2008 Certified Institution

Web site: www.amritasai.org.in

About Our College:

Amrita Sai Institute of Science and Technology is a synonym for qualitative academic pursuit which churns the knowledge of the students in order to reap the best technocrats who can change the shape of the global standards in engineering arena. This institution is established in the year 2007, under the Amrita Sai Educational Improvement Trust, a visionary academy, serves the needs of education sector in bringing up the highly qualified Engineers. This institution is situated in a pollution free, serene environment and surrounded with beautiful fields alluring the attention of people at Paritala, Kanchikacherla Mandal, nearer to Vijayawada city which has been a centre of knowledge for years.

Courses Offered: Civil, Mechanical, CSE, ECE, BEE & IT, M Tech-ECE, EEE, CSE, MCA, and MBA.

Amrita Sai Institute of Science and Technology is Approved by AICTE, New Delhi, affiliated to JNTU, Kakinada. Recognized by Govt. of A.P. Managed by Amrita Sai Educational Improvement Trust, Paritala, Kachikacherla (M.D.), Krishna Dist. A.P.

This institution provides uncompromising infrastructural facilities with state - of - the - art laboratories, spacious and well - structured class rooms, drawing hall, and workshop and conference room to cater to the instructional needs of the students.

About the Department:

Computer science degree offers various specializations that are currently in high demand in the corporate world.

Almost every engineering college has a department of computer science engineering with challenging courses embedded.

This Institution Started B.Tech(CSE) in 2007 with an initial intake of 60 Enhanced intake from 60 to 120 in the academic year 2010. CSE Department Introduced Four new specializations Data Science, Big Data Analytics, Artificial Intelligence & Machine Learning, IoT & Cyber Security including Block Chain Technology.

About the program: Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, speech recognition and machine vision.

Program schedule:

19/09/2022 to 01/10/2022

Resource person:

Mr.CH.Sri Hari
Professor, Dept of CSE,
ASIST, PARITALA

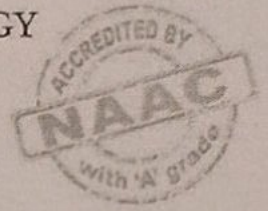
Program coordinator:

Mr G.VijayKumar,
Professor,
Department of CSE.



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DEPARTMENT OF COMPUTER SCIENCE
& ENGINEERING

PROGRAM REPORT

TWO WEEKS VALUE ADDED COURSE ON
"ARTIFICIAL INTELLIGENCE"

From

19/09/2022 to 01/10/2022

Resource Person:

CH.SRI HARI

Asst.Professor

Dept of CSE

ASIST, PARITALA

Faculty Coordinators:

Mr G.Vijay Kumar

Professor

Ph.no:9247411556

Number of students attended: 90

Venue:Seminar Hall, CSE Department

The department of computer science & engineering is conducting two weeks value added course on "ARTIFICIAL INTELLIGENCE" for benefit of IV B.Tech students, by resource person Mr.CH.Sri Hari, In this part, the Program has been designed to help the students learn the basics of cloud computing. Totally 90 students were participated in this training program and after the completion of the program they were able to understand the following objectives and learning outcomes.

Course objectives:

Study the concepts of Artificial Intelligence.

Learn the methods of solving problems using Artificial Intelligence.

Learn the knowledge representation techniques, reasoning techniques and planning

Introduce the concepts of Expert Systems and machine learning.

The topics covered

- Introduction of Artificial Intelligence, Python for AI & ML - Basics
- Development process of Jupyter notebook.
- Solving puzzle problems by AI.
- Importance of state space search,
- Solving problems by using different algorithms and searching methods.
- Chat GPT, Open AI, NLP, and Generative AI.
- Exploratory Data Analysis (EDA), Time Series Forecasting
- Model Deployment, Visualization using Tensor board.

Learning outcomes:

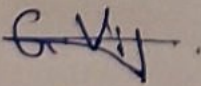
- Understand the fundamental principles of artificial intelligence
- Gather knowledge about various AI algorithms and their applications
- Acquire the skill to carry out data pre-processing and analysis for AI projects
- Demonstrate proficiency in applying AI strategies to real-world scenarios.

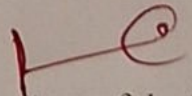
After completing this course a student will be able to:

- Understand the fundamental principles of Artificial Intelligence
- Develop AI applications using algorithms
- Develop the problem solving searching methods by AI.
- Develop Algorithms using Databases in AI.
- Analyze the state space search analysis for different problems..
- Understand the concept of Expert System in AI.
- Learn the Concept of Neural Network Approach in AI.

This course was very useful to the students and their feedback is positive. The management and Dr. M.Sasidhar, Principal of Amrita Sai Institute of Science & Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1. 
- 2.


Signature of the HOD

Professor & HOD, Dept. of CSE
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, PARTIALA (PO)-52118
Mannikacherry - Mdt. Krishna D



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

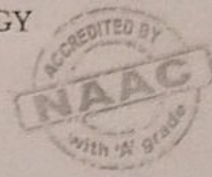
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www.amritasai.edu.in, Phone: 0866 2428399.



LIST OF ENROLLED STUDENTS

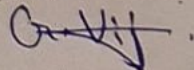
Name of Program- "ARTIFICIAL INTELLIGENCE"

Sl. No	Roll No	Name of the Student	Year/ Branch	signature
1	19AJ1A0501	ABDUL ZAHEER	B.TECH(CSE B)_4 th YEAR	A. Zaher
2	19AJ1A0502	ADDEPALLI UDAY BHASKAR	B.TECH(CSE B)_4 th YEAR	A. Bhoj
3	19AJ1A0503	ADI SAI SANDEEP	B.TECH(CSE B)_4 th YEAR	A.S. Sandeep
4	19AJ1A0504	ALEKHYA SYAMALA PALNATI	B.TECH(CSE B)_4 th YEAR	P. Alekhya
5	19AJ1A0505	ANNABATHULA PRAMOD	B.TECH(CSE B)_4 th YEAR	A. Pramod
7	19AJ1A0507	AVUDODDI DHANUSHA	B.TECH(CSE B)_4 th YEAR	A. Dhanusha
8	19AJ1A0508	AVVARU VISHNU VARDHAN	B.TECH(CSE B)_4 th YEAR	A. Vishnuvardhan
9	19AJ1A0509	AYILURI NAGA THIRUMALA REDDY	B.TECH(CSE B)_4 th YEAR	A. Thirumala Reddy
10	19AJ1A0510	BALUGURI DHANA LAKSHMI	B.TECH(CSE B)_4 th YEAR	B. Dhanu
11	19AJ1A0511	BANAVATHU SRIHARI NAYAK	B.TECH(CSE B)_4 th YEAR	B. Srihari
12	19AJ1A0512	BANDARU TRIVENI	B.TECH(CSE B)_4 th YEAR	B. Triveni
13	19AJ1A0513	BATTINA RAKESH	B.TECH(CSE B)_4 th YEAR	B. Rakesh
14	19AJ1A0514	BATTIPATI SIVA MANAS	B.TECH(CSE B)_4 th YEAR	B. Sivamanasa
15	19AJ1A0515	BIKKI UDAY KIRAN	B.TECH(CSE B)_4 th YEAR	B. Kiran
16	19AJ1A0516	BILLURI GOPI PRASANNA KUMAR	B.TECH(CSE B)_4 th YEAR	B. Gopikumar
17	19AJ1A0517	BOGGULA ROHITH REDDY	B.TECH(CSE B)_4 th YEAR	B. Rohith Reddy
18	19AJ1A0518	BOLLINENI NIKHIL SUBHASH	B.TECH(CSE B)_4 th YEAR	B. Subhash
19	19AJ1A0519	BOMMIREDDY VINAY KUMAR REDDY	B.TECH(CSE B)_4 th YEAR	B. Vinay Reddy
20	19AJ1A0520	BURRA AKASH	B.TECH(CSE B)_4 th YEAR	B. Akash
21	19AJ1A0521	BUTHUKURI SRIKALA	B.TECH(CSE B)_4 th YEAR	B. Srikala
22	19AJ1A0522	CHAVALI SIVATHMIKA	B.TECH(CSE B)_4 th YEAR	Ch. Sivathika
23	19AJ1A0523	CHINTA SWATHI	B.TECH(CSE B)_4 th YEAR	Ch. Swathi
24	19AJ1A0524	DARISA SANDEEP KUMAR	B.TECH(CSE B)_4 th YEAR	D. Sandeep
25	19AJ1A0525	DASARI VENKATA PAVAN KUMAR	B.TECH(CSE B)_4 th YEAR	D. Pavan
26	19AJ1A0526	DAVULURI MANOJ	B.TECH(CSE B)_4 th YEAR	D. Manoj
27	19AJ1A0527	DEVARAPALLI BHAVANI	B.TECH(CSE B)_4 th YEAR	D. Bhavani
28	19AJ1A0528	DHANIYALA GOPI	B.TECH(CSE B)_4 th YEAR	D. Gopi

			YEAR	
30	19AJ1A0530	DURGASI YASWANTHI	B.TECH(CSE B)_4 th YEAR	D. Yashwanth
31	19AJ1A0531	GANGADHARI RAKESH	B.TECH(CSE B)_4 th YEAR	G. Rakesh
32	19AJ1A0532	GARIMELLA RISHI MADHUR	B.TECH(CSE B)_4 th YEAR	G. Rishi
33	19AJ1A0533	GARLAPATI VENKATESH	B.TECH(CSE B)_4 th YEAR	G. Venkatesh
34	19AJ1A0534	GARRE PUSHKAR	B.TECH(CSE B)_4 th YEAR	G. Pushkar
35	19AJ1A0535	GOKA SAIRAM CHETHAN	B.TECH(CSE B)_4 th YEAR	G. Sairam
36	19AJ1A0537	GUDDALA SANDHYARANI	B.TECH(CSE B)_4 th YEAR	G. Sandhyarani
37	19AJ1A0538	GUDE RAJYA LAKSHMI	B.TECH(CSE B)_4 th YEAR	G. Lakshmi
38	19AJ1A0539	GUNTURU GURU VISHNU VARDHAN	B.TECH(CSE B)_4 th YEAR	G. Vardhan
39	19AJ1A0540	GURIJALA PRAVALLIKA	B.TECH(CSE B)_4 th YEAR	G. Pravallika
40	19AJ1A0541	GURRAM NAVYA	B.TECH(CSE B)_4 th YEAR	G. Navya
42	19AJ1A0543	KAKANI SAI VINEELA	B.TECH(CSE B)_4 th YEAR	K. Sai Vineela
43	19AJ1A0544	KARUKUMALLI PAVAN	B.TECH(CSE B)_4 th YEAR	K. Pavan
44	19AJ1A0545	KATUKURI PRASANNA	B.TECH(CSE B)_4 th YEAR	K. Prasan
45	19AJ1A0546	KOLLA MEGHANAPRASANNANAGAVENKATAL AKSHMISAI	B.TECH(CSE B)_4 th YEAR	K. Akshitha
46	19AJ1A0547	KOLLA SAHITHI	B.TECH(CSE B)_4 th YEAR	K. Sahithi
47	19AJ1A0548	KOMATI PAVAN CHANDU	B.TECH(CSE B)_4 th YEAR	K. Pavan Chandu
48	19AJ1A0549	KONAGAMLLA VENKATA KRISHNA RAM MOHAN	B.TECH(CSE B)_4 th YEAR	K. Ram Mohan
49	19AJ1A0550	KOPPOLU MANASA	B.TECH(CSE B)_4 th YEAR	K. Manasa
50	19AJ1A0551	KOPPU DIVYA SOWMYA SREE	B.TECH(CSE B)_4 th YEAR	K. Sowmya
51	19AJ1A0552	KORAMUTLA VARUN MANGESH	B.TECH(CSE B)_4 th YEAR	K. Mangesh
52	19AJ1A0553	KORLAPATI LEKHA SRI	B.TECH(CSE B)_4 th YEAR	K. Lekha
53	19AJ1A0554	KOTHA KUSUMA	B.TECH(CSE B)_4 th YEAR	K. Kusuma
54	19AJ1A0555	KOTHAKOTA POLU RAJU	B.TECH(CSE B)_4 th YEAR	K. Poluraju
55	19AJ1A0556	KOTIPALLI SIRISHA	B.TECH(CSE B)_4 th YEAR	K. Sirisha
56	19AJ1A0557	KRISTIPATI VENKATA SUBBAREDDY	B.TECH(CSE B)_4 th YEAR	K. Subbareddy
57	19AJ1A0558	LELLA PUSHPA HASA	B.TECH(CSE B)_4 th YEAR	L. Pushpa Hasa
58	19AJ1A0559	LINGINENI HYMAVATHI	B.TECH(CSE B)_4 th YEAR	L. Hymavathi
59	19AJ1A0560	MACHA RAHUL	B.TECH(CSE B)_4 th YEAR	M. Rahul
60	19AJ1A0561	MADDELA VYSHNAVI	B.TECH(CSE B)_4 th YEAR	M. Vyshnavi
61	19AJ1A0562	MADDUKURI RAMYASRI	B.TECH(CSE B)_4 th YEAR	M. Ramyasa
62	19AJ1A0563	MAGANTI CHARISHMA	B.TECH(CSE B)_4 th YEAR	M. Charishma

63	19AJ1A0564	MALEPU BHANU PRASAD	B.TECH(CSE B)_4 th YEAR	M. Bhanu Prasad
64	19AJ1A0565	MALLADI NAGA VENKATA PRAVEEN KUMAR	B.TECH(CSE B)_4 th YEAR	M. Praveen
65	19AJ1A0566	MALLIKA THAMMISETTI	B.TECH(CSE B)_4 th YEAR	Mallika T.
66	19AJ1A0567	MALLUPEDDI LALITHA	B.TECH(CSE B)_4 th YEAR	M. Lalitha
67	19AJ1A0568	MANDA VIJAY	B.TECH(CSE B)_4 th YEAR	M. Vijay
68	19AJ1A0569	MANDADAPU DEVENDHAR	B.TECH(CSE B)_4 th YEAR	M. Devendhar
69	19AJ1A0570	MOGAL YASMEEN	B.TECH(CSE B)_4 th YEAR	M. Yasmeen
70	19AJ1A0571	MOHAMMAD SHAHUL ALI	B.TECH(CSE B)_4 th YEAR	M. Shahul
71	19AJ1A0572	MOORAKONDA RUPA SREE	B.TECH(CSE B)_4 th YEAR	M. Rupasree
72	19AJ1A0573	MOTRU ANGEL CHESHMITHA	B.TECH(CSE B)_4 th YEAR	M. Cheshmitha
73	19AJ1A0574	NALABOTHU JAYASRI	B.TECH(CSE B)_4 th YEAR	N. Jayasri
74	19AJ1A0575	NALLANAGULA NAGA VENKATA HARSHA VARDHINI	B.TECH(CSE B)_4 th YEAR	N. Harsha Vardhini
75	19AJ1A0576	NAMPALLI BHANU SRI	B.TECH(CSE B)_4 th YEAR	N. Bhanu Sri
76	19AJ1A0577	NELAVELLI ANUSHA	B.TECH(CSE B)_4 th YEAR	N. Anusha
77	19AJ1A0578	PAGADALA PAVAN KALYAN	B.TECH(CSE B)_4 th YEAR	P. Pavan Kalyan
78	19AJ1A0579	PAMULAPATI UMA MAHESWARA RAO	B.TECH(CSE B)_4 th YEAR	P. Maheswara Rao
79	19AJ1A0580	PANDUGULA ANIL KUMAR REDDY	B.TECH(CSE B)_4 th YEAR	P. Anil Kumar
80	19AJ1A0582	PARSA GAYATRI	B.TECH(CSE B)_4 th YEAR	P. Gayatri
81	19AJ1A0584	POLEPALLI ANURADHA	B.TECH(CSE B)_4 th YEAR	P. Anuradha
82	19AJ1A0586	PONUGUMATI BHOOMIKA	B.TECH(CSE B)_4 th YEAR	P. Bhoomika
83	19AJ1A0588	POTLA ESWAR RAO	B.TECH(CSE B)_4 th YEAR	P. Eswara Rao
84	19AJ1A0589	POTRU NAGA KARTHIK	B.TECH(CSE B)_4 th YEAR	P. Karthik
85	19AJ1A05A1	SANGEPU SANDEEP	B.TECH(CSE B)_4 th YEAR	S. Sandeep
86	19AJ1A05A3	SEELA KAVYA SRI	B.TECH(CSE B)_4 th YEAR	S. Kavya Sri
87	19AJ1A05A4	SHAIK HASEENA	B.TECH(CSE B)_4 th YEAR	S. Haseena
88	19AJ1A05C7	YARRAMANENI MOUNICA	B.TECH(CSE B)_4 th YEAR	Y. Mounica
89	19AJ1A05C7	NEELAVELLI SAI	B.TECH(CSE B)_4 th YEAR	N. Vellisa
90	20AJ5A0502	KOMATLA VENKATA SAI NIKHILESH REDDY	B.TECH(CSE B)_4 th YEAR	K. Nikhilesh

Signature of the Coordinators

1. 
- 2.

Signature of the HOD

Professor & HOD, Dept. of CSE
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, PARTIALA (PO)-52110
Tirupathur - MdL, Krishna D.

70	19AJ1A0571	MOHAMMAD SHAHUL ALI	P	P	P	P	P	P	P	P	P	P	P	12
71	19AJ1A0572	MOORAKONDA RUPA SREE	P	P	P	P	P	P	P	P	P	P	P	11
72	19AJ1A0573	MOTRU ANGEL CHESHMITHA	P	P	P	P	P	P	P	P	P	P	P	11
73	19AJ1A0574	NALABOTHU JAYASRI	P	P	P	P	P	P	P	P	P	P	P	12
74	19AJ1A0575	NALLANAGULA NAGA VENKATA HARSHA VARDHINI	P	P	P	P	P	P	P	P	P	P	P	12
75	19AJ1A0576	NAMPALLI BHANU SRI	P	P	P	P	P	P	P	P	P	P	P	11
76	19AJ1A0577	NELAVELLI ANUSHA	P	P	P	P	P	P	P	P	P	P	P	11
77	19AJ1A0578	PAGADALA PAVAN KALYAN	P	P	P	P	P	P	P	P	P	P	P	11
78	19AJ1A0579	PAMULAPATI UMA MAHESWARA RAO	P	P	P	P	P	P	P	P	P	P	P	12
79	19AJ1A0580	PANDUGULA ANIL KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	12
80	19AJ1A0582	PARSA GAYATRI	P	P	P	P	P	P	P	P	P	P	P	12
81	19AJ1A0584	POLEPALLI ANURADHA	P	P	P	P	P	P	P	P	P	P	P	11
82	19AJ1A0586	PONUGUMATI BHOOMIKA	P	P	P	P	P	P	P	P	P	P	P	12
83	19AJ1A0588	POTLA ESWAR RAO	P	P	P	P	P	P	P	P	P	P	P	11
84	19AJ1A0589	POTRU NAGA KARTHIK	P	P	P	P	P	P	P	P	P	P	P	11
85	19AJ1A05A1	SANGEPU SANDEEP	P	P	P	P	P	P	P	P	P	P	P	11
86	19AJ1A05A3	SEELA KAVYA SRI	P	P	P	P	P	P	P	P	P	P	P	12
87	19AJ1A05A4	SHAIK HASEENA	P	P	P	P	P	P	P	P	P	P	P	11
88	19AJ1A05C7	YARRAMANENI MOUNICA	P	P	P	P	P	P	P	P	P	P	P	12
89	19AJ1A05C7	NEELAVELLI SAI	P	P	P	P	P	P	P	P	P	P	P	11
90	20AJ5A0502	KOMATLA VENKATA SAI NIKHILESH REDDY	P	P	P	P	P	P	P	P	P	P	P	12

Signature of the Coordinators

Professor & HOD, Dept. of CSE
 Amrita Sai Institute of Science & Technology
 Amrita Sai Nagar, PARTIALA (PO) 52118
 Sanchikacheri - Mdt. Krishna D.

AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of Computer Science & Engineering



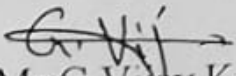
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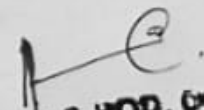
Of participation

A TWO WEEKS VALUE ADDED COURSE ON

“ARTIFICIAL INTELLIGENCE”

Mr/Ms NEELAVELLI SAI has participated in the two week certificate programme on “ARTIFICIAL INTELLIGENCE”, organized by department of computer science and engineering held on 19-09-2022 to 01-10-2022 in Amrita Sai Institute of Science and Technology.


Mr G. Vijay Kumar
Coordinator

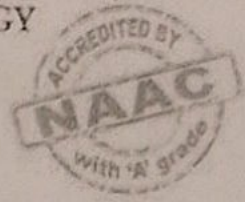

Dr. P. Chitralekshmi
Professor & HOD, Dept. of CSE
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, PARTALA (PO)-52118
Kanchikacheri - Mdl., Krishna D

Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, PARTALA (PO)-52118
Kanchikacheri - Mdl., Krishna D



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY
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Recognized by UGC under 2(f) & 12(B) of 1956 Act,
ISO 9001:2015 Certified Institution, Accredited by NAAC "A" Grade,
Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.
www.amritasai.org.in, Phone: 0866 2428399.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Paritala,

Dt: 08-09-2022

Circular

It is here by informed to all 4th year students that our college is conducting a two weeks certificate program on "MACHINE LEARNING" from 19-09-2022 to 01-10-2022. All the students shall give their names to coordinator listed below on or before 12-09-2022. Hence, all the students are hereby Advised to attend this program.

Venue: Seminar Hall, Computer Science & Engineering Department,
Amrita Sai Institute of Science & Techonology, Paritala

Resource person: **Dr. G. Vijay Kumar**
Professor, Department of Computer Science & Engineering.

Co-ordinator: **Mr CH. Rama krishna,**
Asst. professor, Department of Computer Science & Engineering

(Signature)
Professor & HOD, Dept. of CSE
Head of the Department
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, PARITALA (PO)-52118
Kanchikacherla - Mdl., Krishna D.

Signature of All HODs						TPO	IQAC	OFFICE	LIBRARY
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Copy To:

- All staff members
- IV B. Tech Students
- Notice board
- File



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY
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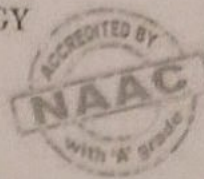
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www.amritasai.org.in, Phone: 0866 2428399.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dt: 15/09/2022

DAY-WISE COURSE SCHEDULE

Name of the Program: Two weeks value added course on "MACHINE LEARNING".

S.NO	DAY	DATE	TOPICS TO BE COVERED
1	MONDAY	19-09-2022	Definition and foundation of MACHINE LEARNING
2	TUESDAY	20-09-2022	Python for AI & ML - Basics, Jupyter Notebook, functions, packages, libraries.
3	WEDNESDAY	21-09-2022	<u>Applied Statistics</u> - Descriptive statistics, inferential statistics, probability, and hypothesis testing.
4	THURSDAY	22-09-2022	Importance of state space search, solving problems by using different algorithms and searching methods. Solving puzzle problems by AI.
5	FRIDAY	23-09-2022	Featurization, Model Selection & Tuning - Feature engineering, model selection and tuning, model performance measures, and ways of regularization.
6	SATURDAY	24-09-2022	Demystifying Chat GPT and Applications - Chat GPT, Open AI, NLP, and Generative AI. Chat GPT: The Development Stack - Mathematical fundamentals, VAEs, and GANs. Introduction to SQL - DBMS, normalization, joins, sorting, set operations, grouping, and filtering.
7	MONDAY	26-09-2022	Introduction to Neural Networks and Deep Learning - Gradient Descent, Perceptron, Batch Normalization, Activation and Loss Functions, hyper parameter tuning, Tensor Flow, and Keras.
8	TUESDAY	27-09-2022	Computer Vision - Convolutional Neural Networks (CNN), transfer learning, object detection, and segmentation
9	WEDNESDAY	28-09-2022	Natural Language Processing - Preprocessing text data, Bag of Words Model, TF-IDF, Word2Vec, GLOVE, POS Tagging, Named Entity Recognition, Sequential Models, and Recurrent Neural networks (RNNs)
10	THURSDAY	29-09-2022	Exploratory Data Analysis (EDA), Time Series Forecasting
11	FRIDAY	30-09-2022	Model Deployment, Visualization using Tensor board. GANs (Generative Adversarial Networks): Reinforcement Learning.
12	SATURDAY	01-10-2022	AI For Leaders - Understanding AI through data, Applications of AI Program - Great Learning

ChP
COORDINATOR

IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180

P
Professor & HOD, Dept. of CSE
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, PARITALA (PO)-52118
Kanchikacherla - Mdl., Krishna D

VALUE ADDED COURSE ON MACHINE LEARNING

From

19/09/2022 to 01/10/2022

Organized by
Department of
Computer Science & Engineering



**AMRITA SAI INSTITUTE OF
SCIENCE & TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE New
Delhi Affiliated to JNTU,
Kakinada

Paritala, Krishna District-521180(A.P)
An ISO 9001:2008 Certified Institution

Web site: www.amritasai.org.in

About the College

Amrita Sai Institute of Science & Technology, an Autonomous Institution permanently affiliated to JNTUK, Andhra Pradesh and approved by All India Council for Technical Education (AICTE), New Delhi was established in the year 2007 under the auspices of Amrita Sai Educational Improvement Trust whose members are veterans in the fields of education and industry. For the last 15 years, the College has tremendously been excelling in all its verticals viz. Engineering, Management, Research and Development. Sharp focus on quality Education, sensible training and solid research has turned Amrita Sai Institute of Science & Technology into a premier Technical Institution ensuring 100% placement in a wide range of companies.

Faculty: The institution has a brilliant team of well-qualified faculty members with vast experience in teaching and research. The faculty members have varied academic background in the fields of Engineering, Technology, Management, Humanities and Sciences. The faculty members are actively doing research and consultancy works and regularly publish their research findings in standard National and International Conferences and good Indexing Journals like Scopus, Web of Science, SCI Journals. Our faculty members have received awards for their academic and Research excellence from various public and private Professional bodies.

Resource Person:

Dr. G VIJAY KUMAR, PROFESSOR CSE
DEPT, ASIST.

Program coordinator:

Mr. CH RAMA KRISHNA, ASST. PROFESSOR
CSE DEPT, ASIST.

About the Department

Computer Science and Engineering is one of essential stream Engineering. The initial Intake was 60; considering the very steep increase in global demands and on the basis of academic strength of our department, the Annual intake had been enhanced to 120 in the year 2011. Presently, Department of CSE has sanctioned intake of 18 students in the PG program. The department is actively engaged in Research and Development, organizing seminars, workshops and conferences in related areas. It is mandatory to our faculty to attend Seminars/Workshops/Faculty Development Programs at least once in a semester. Our students are performing well in academics and they are encouraged in R&D activities and publishing papers in journals. They are participating in symposiums and seminars in various colleges and universities. They won the prizes in these events.

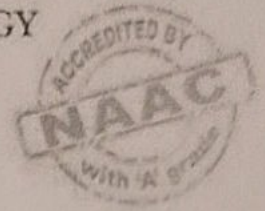
Major Course Contents include:

- ❖ Supervised Neural Networks and Parameter Update
- ❖ Getting Started with Machine Learning and Installing Python and Anaconda.
- ❖ Image Audio and Video Acquisition representing and Storage.
- ❖ Regression Techniques for Information Retrieval.
- ❖ Kernel methods covering SVM classification, construction and regression with Gaussian Processes.
- ❖ Hands on projects based on Speech Recognition, Video segmentation, shot Boundary Detection and Key frame Extraction. IoT covers interfacing sensor, store and update data in the cloud and data analysis with ML and DL.



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY (AUTONOMOUS)

Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada,
Recognized by UGC under 2(f) & 12(B) of 1956 Act,
ISO 9001:2015 Certified Institution, Accredited by NAAC "A" Grade,
Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.
www.amritasai.org in, Phone: 0866 2428199.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PROGRAM REPORT

TWO WEEKS VALUE ADDED COURSE ON

"MACHINE LEARNING"

DATES: 19/09/2022 to 01/10/2022

Venue: Seminar Hall, CSE Department

Number of students attended: 90

The department of computer science & engineering is conducting two weeks value added course on "MACHINE LEARNING" for benefit of IV B.Tech students, by resource person Dr. G. VIJAY KUMAR, In this part, the Program has been designed to help the students learn the basics of cloud computing. Totally 90 students were participated in this training program and after the completion of the program they were able to understand the following objectives and learning outcomes.

Course objectives:

- Study the concepts of machine learning.
- Learn the methods of solving problems using AI & ML .
- Learn the knowledge representation techniques, reasoning techniques and planning
- Introduce the concepts of Expert Systems and machine learning.

The topics covered

- Introduction of Machine Learning, Python for AI & ML - Basics
- Development process of Jupyter notebook.
- Solving puzzle problems by AI.
- Importance of state space search,
- Solving problems by using different algorithms and searching methods.
- Chat GPT, Open AI, NLP, and Generative AI.
- Exploratory Data Analysis (EDA), Time Series Forecasting
- Model Deployment, Visualization using Tensor board.

Learning outcomes:

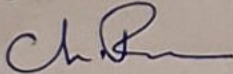
- Understand the fundamental principles of Machine Learning.
- Gather knowledge about various ML algorithms and their applications
- Acquire the skill to carry out data pre-processing and analysis for ML projects
- Demonstrate proficiency in applying ML strategies to real-world scenarios.

After completing this course a student will be able to:

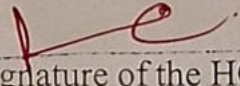
- Understand the fundamental principles of Machine Learning.
- Develop ML applications using algorithms
- Develop the problem solving searching methods by ML.
- Develop Algorithms using Databases in ML.
- Analyze the state space search analysis for different problems..
- Understand the concept of Expert System in ML.
- Learn the Concept of Neural Network Approach in ML.

This course was very useful to the students and their feedback is positive. The management and Dr. M.Sasidhar, Principal of Amrita Sai Institute of Science & Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1. 

2.


Signature of the HOD
Professor & HOD, Dept. of CSE
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, PARTIALA (PO)-52118
Kanchikacheru Mdl., Krishna D.

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www.amritasai.org.in, Phone: 0866 2428399.



LIST OF ENROLLED STUDENTS

Name of Program- "MACHINE LEARNING"

Sl. No	Roll No	Name of the Student	Branch/ Year	signature
1	19AJ1A0501	ABDUL ZAHEER	B.TECH(CSE B)_4 th YEAR	Abdul Zaheer
2	19AJ1A0502	ADDEPALLI UDAY BHASKAR	B.TECH(CSE B)_4 th YEAR	A. Bhaskar
3	19AJ1A0503	ADI SAI SANDEEP	B.TECH(CSE B)_4 th YEAR	A. Sandeep
4	19AJ1A0504	ALEKHYA SYAMALA PALNATI	B.TECH(CSE B)_4 th YEAR	A. Syamala
5	19AJ1A0505	ANNABATHULA PRAMOD	B.TECH(CSE B)_4 th YEAR	A. Pramod
7	19AJ1A0507	AVUDODDI DHANUSHA	B.TECH(CSE B)_4 th YEAR	A. Dhannushya
8	19AJ1A0508	AVVARU VISHNU VARDHAN	B.TECH(CSE B)_4 th YEAR	A. Vishnu vardhan
9	19AJ1A0509	AYILURI NAGA THIRUMALA REDDY	B.TECH(CSE B)_4 th YEAR	A. Thirumala Reddy
10	19AJ1A0510	BALUGURI DHANA LAKSHMI	B.TECH(CSE B)_4 th YEAR	B. Dhana Lakshmi
11	19AJ1A0511	BANAVATHU SRIHARI NAYAK	B.TECH(CSE B)_4 th YEAR	B. Srihari Nayak
12	19AJ1A0512	BANDARU TRIVENI	B.TECH(CSE B)_4 th YEAR	B. Triveni
13	19AJ1A0513	BATTINA RAKESH	B.TECH(CSE B)_4 th YEAR	B. Rakesh
14	19AJ1A0514	BATTIPATI SIVA MANAS	B.TECH(CSE B)_4 th YEAR	B. Sivamanas
15	19AJ1A0515	BIKKI UDAY KIRAN	B.TECH(CSE B)_4 th YEAR	B. Kiran
16	19AJ1A0516	BILLURI GOPI PRASANNA KUMAR	B.TECH(CSE B)_4 th YEAR	B. Prasanna
17	19AJ1A0517	BOGGULA ROHITH REDDY	B.TECH(CSE B)_4 th YEAR	B. Rohith Reddy
18	19AJ1A0518	BOLLINENI NIKHIL SUBHASH	B.TECH(CSE B)_4 th YEAR	B. Subhash
19	19AJ1A0519	BOMMIREDDY VINAY KUMAR REDDY	B.TECH(CSE B)_4 th YEAR	B. Vinay Reddy
20	19AJ1A0520	BURRA AKASH	B.TECH(CSE B)_4 th YEAR	B. Akash
21	19AJ1A0521	BUTHUKURI SRIKALA	B.TECH(CSE B)_4 th YEAR	B. Srikala
22	19AJ1A0522	CHAVALI SIVATHMIKA	B.TECH(CSE B)_4 th YEAR	C. Sivathmika
23	19AJ1A0523	CHINTA SWATHI	B.TECH(CSE B)_4 th YEAR	C. Swathi
24	19AJ1A0524	DARISA SANDEEP KUMAR	B.TECH(CSE B)_4 th YEAR	D. Sandeep Kumar
25	19AJ1A0525	DASARI VENKATA PAVAN KUMAR	B.TECH(CSE B)_4 th YEAR	D. Pavan Kumar
26	19AJ1A0526	DAVULURI MANOJ	B.TECH(CSE B)_4 th YEAR	D. Manoj
27	19AJ1A0527	DEVARAPALLI BHAVANI	B.TECH(CSE B)_4 th YEAR	D. Bhavani
28	19AJ1A0528	DHANIYALA GOPI	B.TECH(CSE B)_4 th YEAR	D. Gopi

			YEAR	
30	19AJ1A0530	DURGASI YASWANTHI	B.TECH(CSE B)_4 th YEAR	D. Yaswanth
31	19AJ1A0531	GANGADHARI RAKESH	B.TECH(CSE B)_4 th YEAR	G. Rakesh
32	19AJ1A0532	GARIMELLA RISHI MADHUR	B.TECH(CSE B)_4 th YEAR	G. rishi madhur
33	19AJ1A0533	GARLAPATI VENKATESH	B.TECH(CSE B)_4 th YEAR	G. Venkatesh
34	19AJ1A0534	GARRE PUSHKAR	B.TECH(CSE B)_4 th YEAR	G. Pushkar
35	19AJ1A0535	GOKA SAIRAM CHETHAN	B.TECH(CSE B)_4 th YEAR	G. S. che than
36	19AJ1A0537	GUDDALA SANDHYARANI	B.TECH(CSE B)_4 th YEAR	G. sandhya rani
37	19AJ1A0538	GUDE RAJYA LAKSHMI	B.TECH(CSE B)_4 th YEAR	G. Rajya Lakshmi
38	19AJ1A0539	GUNTURU GURU VISHNU VARDHAN	B.TECH(CSE B)_4 th YEAR	G. vishnu vardhan
39	19AJ1A0540	GURIJALA PRAVALLIKA	B.TECH(CSE B)_4 th YEAR	G. pravallika
40	19AJ1A0541	GURRAM NAVYA	B.TECH(CSE B)_4 th YEAR	G. Navya
42	19AJ1A0543	KAKANI SAI VINEELA	B.TECH(CSE B)_4 th YEAR	K. sai vineela
43	19AJ1A0544	KARUKUMALLI PAVAN	B.TECH(CSE B)_4 th YEAR	K. Pavan
44	19AJ1A0545	KATUKURI PRASANNA	B.TECH(CSE B)_4 th YEAR	K. Prasanna
45	19AJ1A0546	KOLLA MEGHANAPRASANNANAGAVENK ATAL AKSHMISAI	B.TECH(CSE B)_4 th YEAR	K. MA Akshinisei
46	19AJ1A0547	KOLLA SAHITHI	B.TECH(CSE B)_4 th YEAR	K. Sahithi
47	19AJ1A0548	KOMATI PAVAN CHANDU	B.TECH(CSE B)_4 th YEAR	K. Pavan chandu
48	19AJ1A0549	KONAGAMLLA VENKATA KRISHNA RAM MOHAN	B.TECH(CSE B)_4 th YEAR	K. V. krishna ram mohan
49	19AJ1A0550	KOPPOLU MANASA	B.TECH(CSE B)_4 th YEAR	K. Manasa
50	19AJ1A0551	KOPPU DIVYA SOWMYA SREE	B.TECH(CSE B)_4 th YEAR	K. Sree
51	19AJ1A0552	KORAMUTLA VARUN MANGESH	B.TECH(CSE B)_4 th YEAR	K. varun mangesh
52	19AJ1A0553	KORLAPATI LEKHA SRI	B.TECH(CSE B)_4 th YEAR	K. lekha sri
53	19AJ1A0554	KOTHA KUSUMA	B.TECH(CSE B)_4 th YEAR	K. Kusuma
54	19AJ1A0555	KOTHAKOTA POLU RAJU	B.TECH(CSE B)_4 th YEAR	K. polu raju
55	19AJ1A0556	KOTIPALLI SIRISHA	B.TECH(CSE B)_4 th YEAR	K. Sirisha
56	19AJ1A0557	KRISTIPATI VENKATA SUBBAREDDY	B.TECH(CSE B)_4 th YEAR	K. Venkata Subbareddy
57	19AJ1A0558	LELLA PUSHPA HASA	B.TECH(CSE B)_4 th YEAR	L. pushpa hasa
58	19AJ1A0559	LINGINENI HYMAVATHI	B.TECH(CSE B)_4 th YEAR	L. Hymavathi
59	19AJ1A0560	MACHA RAHUL	B.TECH(CSE B)_4 th YEAR	M. Rahul
60	19AJ1A0561	MADDELA VYSHNAVI	B.TECH(CSE B)_4 th YEAR	M. vyshnavi
61	19AJ1A0562	MADDUKURI RAMYASRI	B.TECH(CSE B)_4 th YEAR	M. Ramyasri
62	19AJ1A0563	MAGANTI CHARISHMA	B.TECH(CSE B)_4 th YEAR	M. Charishma

63	19AJ1A0564	MALEPU BHANU PRASAD	B.TECH(CSE B)_4 th YEAR	M. bhanu prasad
64	19AJ1A0565	MALLADI NAGA VENKATA PRAVEENKUMAR	B.TECH(CSE B)_4 th YEAR	M.V praveenkumar
65	19AJ1A0566	MALLIKA THAMMISETTI	B.TECH(CSE B)_4 th YEAR	m. thammisetti
66	19AJ1A0567	MALLUPEDDI LALITHA	B.TECH(CSE B)_4 th YEAR	m. lalitha
67	19AJ1A0568	MANDA VIJAY	B.TECH(CSE B)_4 th YEAR	M. Vijay
68	19AJ1A0569	MANDADAPU DEVENDHAR	B.TECH(CSE B)_4 th YEAR	m. devendra
69	19AJ1A0570	MOGAL YASMEEN	B.TECH(CSE B)_4 th YEAR	M. yasmeen
70	19AJ1A0571	MOHAMMAD SHAHUL ALI	B.TECH(CSE B)_4 th YEAR	m. shahul ali
71	19AJ1A0572	MOORAKONDA RUPA SREE	B.TECH(CSE B)_4 th YEAR	m. Rupa sree
72	19AJ1A0573	MOTRU ANGEL CHESHMITHA	B.TECH(CSE B)_4 th YEAR	m. chesmitha
73	19AJ1A0574	NALABOTHU JAYASRI	B.TECH(CSE B)_4 th YEAR	N. Jaya sri
74	19AJ1A0575	NALLANAGULA NAGA VENKATAHARSHA VARDHINI	B.TECH(CSE B)_4 th YEAR	M.V. vardhini
75	19AJ1A0576	NAMPALLI BHANU SRI	B.TECH(CSE B)_4 th YEAR	N. Bhanu sri
76	19AJ1A0577	NELAVELLI ANUSHA	B.TECH(CSE B)_4 th YEAR	N. Anusha
77	19AJ1A0578	PAGADALA PAVAN KALYAN	B.TECH(CSE B)_4 th YEAR	P. pavan kalyan
78	19AJ1A0579	PAMULAPATI UMA MAHESWARA RAO	B.TECH(CSE B)_4 th YEAR	P. maheswara rao
79	19AJ1A0580	PANDUGULA ANIL KUMAR REDDY	B.TECH(CSE B)_4 th YEAR	P. Anil Kumar
80	19AJ1A0582	PARSA GAYATRI	B.TECH(CSE B)_4 th YEAR	P. Gayatri
81	19AJ1A0584	POLEPALLI ANURADHA	B.TECH(CSE B)_4 th YEAR	P. Anuradha
82	19AJ1A0586	PONUGUMATI BHOOMIKA	B.TECH(CSE B)_4 th YEAR	P. bhoomika
83	19AJ1A0588	POTLA ESWAR RAO	B.TECH(CSE B)_4 th YEAR	P. Eswar rao
84	19AJ1A0589	POTRU NAGA KARTHIK	B.TECH(CSE B)_4 th YEAR	P. naga kartik
85	19AJ1A05A1	SANGEPU SANDEEP	B.TECH(CSE B)_4 th YEAR	S. Sandeep
86	19AJ1A05A3	SEELA KAVYA SRI	B.TECH(CSE B)_4 th YEAR	S. KAVYA SRI
87	19AJ1A05A4	SHAIK HASEENA	B.TECH(CSE B)_4 th YEAR	S. Haseena
88	19AJ1A05C7	YARRAMANENI MOUNICA	B.TECH(CSE B)_4 th YEAR	Y. mounika
89	19AJ1A05C7	NEELAVELLI SAI	B.TECH(CSE B)_4 th YEAR	N. Velli sai
90	20AJ5A0502	KOMATLA VENKATA SAI NIKHILESHRADDY	B.TECH(CSE B)_4 th YEAR	

Signature of the Coordinators

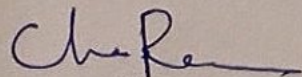
Ch. Ravi

2.

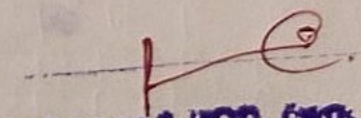
Signature of the HOD

Professor & HOD, Dept. of CSE
 Amrita Sai Institute of Science & Technology
 Amrita Sai Nagar, PARTALA (PO)-52118
 Sankhacherry - M.D., Krishna D.

70	19AJ1A0571	MOHAMMAD SHAHUL ALI	P	P	P	P	P	P	P	P	P	P	P	12
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75	19AJ1A0576	NAMPALLI BHANU SRI	P	P	P	A	P	P	A	A	P	P	P	09
76	19AJ1A0577	NELAVELLI ANUSHA	P	P	P	P	P	P	P	P	P	P	P	12
77	19AJ1A0578	PAGADALA PAVAN KALYAN	P	P	P	P	P	P	P	P	P	P	P	12
78	19AJ1A0579	PAMULAPATI UMA MAHESWARA RAO	A	P	P	P	P	P	P	P	A	P	P	4
79	19AJ1A0580	PANDUGULA ANIL KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	4
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81	19AJ1A0584	POLEPALLI ANURADHA	P	P	P	P	P	P	P	P	P	P	P	12
82	19AJ1A0586	PONUGUMATI BHOOMIKA	P	P	P	P	P	P	P	P	P	P	P	12
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86	19AJ1A05A3	SEELA KAVYA SRI	P	P	P	P	P	P	P	P	P	P	P	12
87	19AJ1A05A4	SHAIK HASEENA	P	P	P	P	P	P	P	P	A	P	P	11
88	19AJ1A05C7	YARRAMANENI MOUNICA	P	A	P	P	P	P	P	P	P	P	P	11
89	19AJ1A05C7	NEELAVELLI SAI	P	A	P	P	P	A	P	P	P	P	P	10
90	20AJ5A0502	KOMATLA VENKATA SAI NIKHILESH REDDY	P	P	P	P	P	P	P	P	P	P	P	12



Signature of the Coordinators


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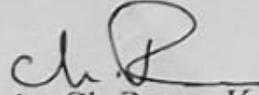
Department of Computer Science & Engineering




Participation Certificate

A TWO WEEKS VALUE ADDED COURSE ON
"MACHINE LEARNING"

Mr/Ms NEELAVELLI SAI has participated in the two week certificate programme on "MACHINE LEARNING", organized by department of computer science and engineering held on 19-09-2022 to 01-10-2022 in Amrita Sai Institute of Science and Technology.


Mr. Ch Rama Krishna
Co-ordinator


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Kalyanpur, Mid. Kalyanpur D.