

## **1.3.2 - VALUE ADDED COURSES.**

**A.Y 2018-19**



# 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

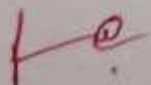


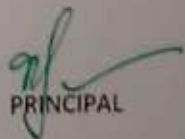
## INDEX

### A.Y-2018-19

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 enrolment	Contact hours of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Geo Graphical Information Systems(GIS)	B.TECH-CIVIL	Value Added Course	2018-19	84	39	39
2	"Front-end Design of VLSI Circuits"	B.TECH-ECE	Value Added Course	2018-19	84	39	39
3	"PCB DESIGN"	B.TECH-ECE	Value Added Course	2018-19	42	171	171
4	Modelling and Simulation in Manufacturing	B.TECH-MECH	Value Added Course	2018-19	84	52	52
5	ROBOTICS	B.TECH-MECH	Value Added Course	2018-19	84	52	52
6	Cloud Computing	B.TECH-CSE	Value Added Course	2018-19	98	90	90
7	Cyber Security	B.TECH-CSE	Value Added Course	2018-19	98	90	90
8	Geo Graphical Information Systems(GIS)	B.TECH-CIVIL	Value Added Course	2018-19	84	39	39
9	"Front-end Design of VLSI Circuits"	B.TECH-ECE	Value Added Course	2018-19	84	39	39
10	"PCB DESIGN"	B.TECH-ECE	Value Added Course	2018-19	42	171	171

  
IQAC COORDINATOR

  
PRINCIPAL

**IQAC Coordinator**  
Amrita Sai Institute of Science & Technology  
Amrita Sai Nagar, Paritala -521183

**PRINCIPAL**  
AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY  
Amrita Sai Nagar, Paritala  
Krishna Dist 521 180







## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

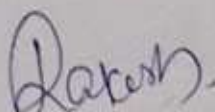
Dt: 20/08/2018

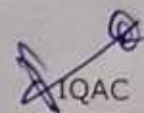
### WEEK/DAY-WISE COURSE SCHEDULE

Name of the Program: Two weeks value added course on  
"Energy Audit"

S.No	Day	Date	Topics To Be Covered
1	Monday	20/08/2018	Energy conservation Act 2001 and its features, Electricity Act 2003
2	Tuesday	21/08/2018	In Energy management (audit) approach
3	Wednesday	22/08/2018	Energy efficiency saving in Electrical system
4	Thursday	23/08/2018	Energy conservation in Buildings and Energy Conservation Building Codes (ECBC)
5	Friday	24/08/2018	Energy statistics in India and World
6	Saturday	25/08/2018	Types of energy audit - energy costs - bench marking
7	Monday	27/08/2018	Case studies with sample audit report
8	Tuesday	28/08/2018	Energy auditing instruments
9	Wednesday	29/08/2018	Sankey Diagram and its use
10	Thursday	30/08/2018	Energy action planning
11	Friday	31/08/2018	Energy policy, energy management location
12	Saturday	01/09/2018	Roles and responsibilities of energy manager

  
COORDINATOR

  
HOD EEE

  
IQAC

HEAD OF THE DEPARTMENT  
Electrical & Electronics Engineering  
Amrita Sai Institute of Science and Technology  
Paritala (PO), Kanchikacherla (MD), Krishna  
Amrita Sai Institute of Science & Technology  
Amrita Sai Nagar, Paritala -521180



## **VALUE ADDED COURSE ON "Energy Audit"**

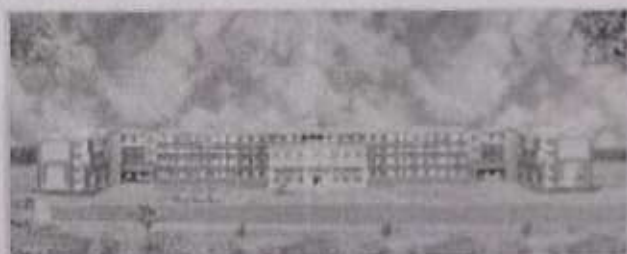
*From*  
**20/08/2018 to 01/09/2018**

### **Convener**

Dr Y.PRAKASH, Prof.& Head

### **Organized by**

Department of  
Electrical & 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](http://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, 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:**

Energy is one of the major input to economical development of a country. Specially for developing countries the increasing energy demand requires more focus and huge investment. So this program focuses on improving energy efficiency through enhancing the process with energy audit and also development of green energy technology. In this program the energy conservation acts and policies, energy conservation building codes are discussed along with energy saving measures with case studies. Experts from national productivity council and energy auditors will cover the topics.

### **Program Schedule:**

**20/08/2018 to 01/09/2018**

### **Recourse Person:**

Dr K SATISH KUMAR

ASSISTANT PROFESSOR,

NIT, WARANGAL

### **Coordinators:**

Mr P.ANKAMA RAO

Mr M.SREENU

### **Organizing Committee:**

Mr K.SABARINATH

Mr P.VENKATESWARA RAO

Mr D.GANGADHAR REDDY

Mrs B.JYOSTNA



**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**PROGRAM REPORT**

TWO WEEKS VALUE ADDED COURSE ON  
**"Energy Audit"**

*From*  
20/08/2018 to 01/09/2018

**Resource Person:**

Dr K SATISH KUMAR  
ASSISTANT PROFESSOR,  
NIT, WARANGAL

**Faculty Coordinators:**

1. Mr P.ANKAMA RAO  
Assistant Professor  
Ph.no: 9490797533  
Mail id: ankamaraopasupulati@amritasai.org.in
2. Mr M.SREENU  
Assistant Professor  
Ph.no: 9440073760  
Mail id: msreddy.4318@gmail.com

Number of students attended: 38

Venue: Seminar Hall, EEE Department

The department of electrical & electronics engineering is conducting two weeks value added course on "Energy audit" for benefit of II B.Tech students, by resource person Dr K SATISH KUMAR, addressed the participants. The Program has been designed to help the students learn practical skills and knowledge in the fundamentals of programmable logic controllers (PLCs) and SCADA systems.



## Course objectives:

The objective of the course is:

- Identifying the quality and cost of various energy inputs. Assessing present pattern of energy consumption in different cost centers of operations. Relating energy inputs and production output. Identifying potential areas of thermal and electrical energy economy.

## The topics covered:-

The program covered a wide range of topics, including:

- Energy conservation Act 2001 and its features, Electricity Act 2003
- In Energy management (audit) approach
- Energy efficiency saving in Electrical system
- Energy conservation in Buildings and Energy Conservation Building Codes (ECBC)
- Energy statistics in India and World
- Types of energy audit - energy costs - bench marking
- Case studies with sample audit report
- Energy auditing instruments
- Sankey Diagram and its use
- Energy action planning
- Energy policy, energy management location
- Roles and responsibilities of energy manager

## Outcomes of the program:

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

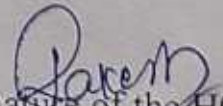
- Small steps to make the environment clean and green
- ECM implementation led to reduction in carbon footprints reducing almost 70 tons co2 every year.
- Implementing the ECMs led to electricity savings (0.1Mus/annum)

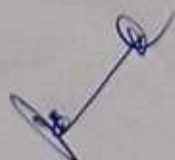
This course was very useful to the students and their feedback is positive. The management and Dr M.Sashidhar Gaaru, Principal of Amritasai Institute of Science and Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

1. 
2. 

Signature of the HOD

  
HEAD OF THE DEPARTMENT  
Electrical & Electronics Engineering  
Amrita Sai Institute of Science and Technology  
Amrita Sai Nagar (PO), Kanthakachana (MD), Krishna - 515 126

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





**LIST OF ENROLLED STUDENTS**

Name of Program- "ENERGY AUDIT"

S.No	Regd No	Name of the Student	Year/ Branch	Signature
1	17AJ1A0201	A DHANAJYOTI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	A. Dhanajyoti
2	17AJ1A0202	A HARIKA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	A. Harika
3	17AJ1A0205	B SIVA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	B. Siva
4	17AJ1A0206	B VISHNAVI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	B. Vishnavi
5	17AJ1A0207	B RISHITA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	B. Rishita
6	17AJ1A0208	B YASWANTH	B.TECH(EEE)_2 <sup>nd</sup> YEAR	B. Yaswanth
7	17AJ1A0209	B BAVANA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	B. BAVANA
8	17AJ1A0211	G LAVANYA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	G. Lavanya
9	17AJ1A0212	G SUSMITHA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	G. Susmitha
10	17AJ1A0213	J BAGYASRI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	J. Bagyasi
11	17AJ1A0214	K SRINIVASU	B.TECH(EEE)_2 <sup>nd</sup> YEAR	K. SRINIVASU
12	17AJ1A0215	JK LASYA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	J. K. Lasya
13	17AJ1A0218	K PREMALATHA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	K. Premalatha
14	17AJ1A0220	M CS JAGANATH	B.TECH(EEE)_2 <sup>nd</sup> YEAR	M. CS. Jagan
15	17AJ1A0221	M SRIKANTH	B.TECH(EEE)_2 <sup>nd</sup> YEAR	M. Srikanth
16	17AJ1A0222	M BARGHAVI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	M. Barghavi
17	17AJ1A0224	M SRAVANI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	M. Sravani
18	17AJ1A0227	RMD MUFASAR	B.TECH(EEE)_2 <sup>nd</sup> YEAR	R. M. Mufasar
19	17AJ1A0228	SAYYAD THANVER AHAMAD	B.TECH(EEE)_2 <sup>nd</sup> YEAR	S. Thanver Ahmad
20	17AJ1A0229	SK AKSANA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	S. K. Aksana
21	17AJ1A0230	SK M RAFI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	S. K. M. Rafi
22	17AJ1A0233	V SAI TEJASRI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	V. Sai Tejasri
23	17AJ1A0234	V SAILAJA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	V. Sailaja
24	17AJ1A0235	V V LAVANYA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	V. V. Lavanya
25	17AJ1A0236	V VAMSI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	V. Vamsi
26	17AJ1A0237	V KOTESWARI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	V. Vamsi & Koteswari
27	18AJ5A0201	DARELLI HEPSIBA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	D. Darelli Hepsiba
28	18AJ5A0202	EEDA DURGA SAI LAKESHMI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	E. Durga Sai Lakeshmi
29	18AJ5A0205	MORE MEGHAMALA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	M. Meghamala
30	18AJ5A0206	NAYUDU VENKATESWARA RAO	B.TECH(EEE)_2 <sup>nd</sup> YEAR	N. Rao
31	18AJ5A0207	PAREPALLI HEMANTH KUMAR	B.TECH(EEE)_2 <sup>nd</sup> YEAR	P. Parepalli Hemant
32	18AJ5A0209	RAGI SIREESHA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	R. Sireesha
33	18AJ5A0210	RAMSETTY NAGALAKSHMI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	R. Nagalakshmi
34	18AJ5A0211	SHAIK CHANDINI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	S. Chandini
35	18AJ5A0213	SHAIK RAJIYA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	S. Rajiya
36	18AJ5A0214	SK YASEEN	B.TECH(EEE)_2 <sup>nd</sup> YEAR	S. Yaseen
37	18AJ5A0215	TADAPANENI SAI AKHILA	B.TECH(EEE)_2 <sup>nd</sup> YEAR	T. Sai Akhila
38	18AJ5A0216	TUMMALACHERVU SAI TEJESWI	B.TECH(EEE)_2 <sup>nd</sup> YEAR	T. Sai Tejeswi

Signature of the Coordinators

1.

2.

IQAC Coordinator

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

Signature of the HOD

HEAD OF DEPARTMENT  
Electrical & Electronic Engineering  
Amrita Sai Institute of Science & Technology  
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## DAY-WISE ATTENDANCE SHEET

Name of Program- "CNC Machining and Programming"

S.NO	REGD NO	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	FEED BACK	SIGNATURE
1	15AJ1A0312	CHATLA BABU	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	C. Balu
2	16AJ1A0302	BAPATHI BAJI REDDY	P	P	P	P	P	P	A	P	P	P	P	P	Very good	Baji
3	16AJ1A0303	BASETTY KESAVA	P	P	P	A	P	P	P	P	P	P	P	P	Very good	B. Kesava
4	16AJ1A0304	BOBBURI VAMSI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	B. V. K.
5	16AJ1A0305	BUTHUKURI SRINIVASA REDDY	P	P	P	P	A	P	P	P	P	A	P	P	good	B. Reddy
6	16AJ1A0306	CHIRUMAMILLA DHANUNJAY	P	P	P	P	P	A	P	P	P	P	P	P	very good	Dhanunjay
7	16AJ1A0308	GADDE TIRUMALA PRASAD	P	P	P	P	A	P	P	A	P	P	P	P	good	G. Tirumala
8	16AJ1A0309	G. NEPALLI KASTURI BABU	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	G. Kasturi
9	16AJ1A0310	GUNDA CHAITANYA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Chaitanya
10	16AJ1A0311	JILLEPALLI VAMSI	P	P	A	P	P	P	P	P	P	A	P	P	good	J. Vamsi
11	16AJ1A0313	MADDU BHARGAV	P	P	P	A	P	P	P	A	P	P	P	P	good	M. Bhargava
12	16AJ1A0314	MANDA SRICHARAN	P	P	P	P	A	P	P	P	P	P	P	P	very good	Sricharan
13	16AJ1A0315	MANDA VAMSI	P	P	P	P	P	P	P	A	P	P	P	P	very good	Vamsi
14	16AJ1A0316	MENDYALA CHANDRA SEKHAR	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	M. Chandra
15	16AJ1A0318	NALLAPU NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	good	N. Naveen
16	16AJ1A0319	NANDYALA VEERA REDDY	P	P	P	P	P	P	P	P	A	P	P	P	very good	N. Veera Reddy
17	16AJ1A0321	PIKKI JAGAN	P	P	P	A	P	P	P	A	P	P	P	P	good	P. Jagann
18	16AJ1A0322	PONGULURI SAIRAM	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	P. Sairam
19	16AJ1A0323	RAJARAPU GOPI KRISHNA	P	P	P	A	P	P	P	P	P	P	P	P	Very good	R. Gopi Krishna
20	16AJ1A0325	SAMUDRALA ARAVIND	P	P	P	P	P	A	P	P	P	P	A	P	good	S. Aravind
21	16AJ1A0326	SHAIK ABDUL RAHEEM	P	P	P	P	P	P	P	P	P	P	P	P	good	S. Raheem
22	16AJ1A0327	SHAIK FAREED	P	P	P	P	A	P	P	P	P	P	A	P	Excellent	S. Fareed
23	16AJ1A0328	SHAIK JAAKEER SHAREEF	P	P	P	P	P	A	P	P	P	P	P	P	good	S. Jaakeer
24	16AJ1A0329	SHAIK SABEER HUSSAIN	P	P	P	A	P	P	P	P	A	P	P	P	very good	S. Hussain
25	16AJ1A0330	SHAIK SAI SRINIVAS	P	P	P	P	P	A	P	P	P	A	P	P	good	S. Srinivas
26	16AJ1A0331	SHAIK SALEEM	P	P	P	P	P	P	P	P	P	P	P	P	good	S. Saleem
															Excellent	S. Saleem



27	16AJ1A0332	SREERANGAPURI RAMMOHANRAO	P	P	P	P	A	P	P	P	P	P	P	P	P	very good	S. Popudi
28	16AJ1A0333	SRI ADI NARAYANA REPUDI	P	P	P	P	A	P	P	P	P	P	P	P	P	good	S. Popudi
29	16AJ1A0335	TADAPANENI VENKATA RAMANA	P	P	P	P	A	P	P	P	P	P	P	P	P	good	S. Popudi
30	16AJ1A0336	TEPPALA BHANUPRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	P	good	S. Popudi
31	16AJ1A0339	VADLAMUDI ANILKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellant	V. Anil Kumar
32	16AJ1A0340	VANAMALA NAGANARASIMHARAO	P	P	P	P	A	P	P	P	P	P	P	P	P	Excellant	V. Nagaraj
33	16AJ1A0341	VEMPARALA ANANTHA VENU	P	P	P	P	P	P	P	P	P	P	P	P	P	good	V. Venkatesh
34	16AJ1A0342	VEMULA GOPALA KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	V. Krishna
35	16AJ1A0347	MEDA PURNA CHAND	P	P	P	P	A	P	P	P	P	P	P	P	P	very good	M. Pulla
36	17AJ5A0301	AKULA SRIKANTH	P	P	P	P	A	P	P	P	P	P	P	P	P	good	A. Srikanth
37	17AJ5A0302	AMBATI SURENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellant	Surendra
38	17AJ5A0303	ARISSETTI GOPI KRISHNA	P	P	P	P	A	P	P	P	P	P	P	P	P	good	A. Gopi
39	17AJ5A0304	MARTHI BHARGAV PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	M. Bhargava
40	17AJ5A0305	CADDALA TEJA	P	P	P	P	A	P	P	P	P	P	P	P	P	good	B. Teja
41	17AJ5A0306	GADHI PANDU RANGA JAYA SURYA PRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	Surya Prakash
42	17AJ5A0307	JONNALA KARTHEEK	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	J. Kartheek
43	17AJ5A0308	JONNALAGADDA VENKATA SURESH	P	P	P	P	A	P	P	P	P	P	P	P	P	good	V. Suresh
44	17AJ5A0310	KOTHA VIJAYA SAI VENKATA SUBBA RAO	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	K. Subbarao
45	17AJ5A0311	MANGALAGIRI GOPI	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellant	Gopi
46	17AJ5A0312	MIDIKONDLA VENU GOPALARAO	P	P	P	P	A	P	P	P	P	P	P	P	P	good	Gopal Rao
47	17AJ5A0313	NALLAMEKALA ASHOKA CHAKRAVARTHY	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellant	N. Ashok
48	17AJ5A0314	NANCHARLA SAIRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	N. Sairam
49	17AJ5A0315	NANNEBOINA GOPI ANIL	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	Gopi Anil
50	17AJ5A0316	POTU LINGA RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellant	P. Raju
51	17AJ5A0317	RAYAPUDI HEMANTH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	good	Hemant
52	17AJ5A0318	SHAIK JAKEER	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	Sk. Jakeer
53	17AJ5A0319	SHAIK MASTHANVALI	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellant	Sk. Masthan
54	17AJ5A0320	SURE GOPI REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellant	S. Gopi Reddy
55	17AJ5A0322	YADDANAPUDI BADRINATH	P	P	P	P	A	P	P	P	P	P	P	P	P	good	Y. Badrinath

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  
Paritala, Prakasam District, Andhra Pradesh



# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of Electrical and Electronics Engineering

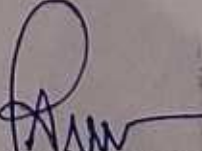


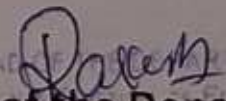
## Certificate

*Of participation*

**A TWO WEEKS VALUE ADDED COURSE ON  
"ENERGY AUDIT"**

Mr/Ms B. SIVA has participated in the two week value added certificate programme on "Energy Audit", organized by department of electrical & electronics engineering held on 20-08-2018 to 01-09-2018 in Amrita Sai Institute of Science and Technology.

  
Coordinator

  
Head of the Department  
Amrita Sai Institute of Science and Technology  
Bala (PO), Kanchikacheru (MD), Krishna (RT)







AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY  
(AUTONOMOUS)

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



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Dt: 28/01/2019.

### WEEK/DAY-WISE COURSE SCHEDULE

Name of the Program: Two weeks value added course on  
"Cyber Security"

S.No	Day	Date	Topics To Be Covered
1	Monday	28/01/2019	Introduction to cyber security
2	Tuesday	29/01/2019	Basics of networking
3	Wednesday	30/01/2019	Snipping
4	Thursday	31/01/2019	Virtualization
5	Friday	01/02/2019	Steganography and Cryptography
6	Saturday	02/02/2019	Login bypass
7	Monday	04/02/2019	Basic attacks and security
8	Tuesday	05/02/2019	Malwares
9	Wednesday	06/02/2019	Google hacks
10	Thursday	07/02/2019	Wireless attack
11	Friday	08/02/2019	Web application attacks
12	Saturday	09/02/2019	Cyber loss and security

COORDINATOR

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

IQAC Coordinator

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



## VALUE ADDED COURSE ON "Energy Audit"

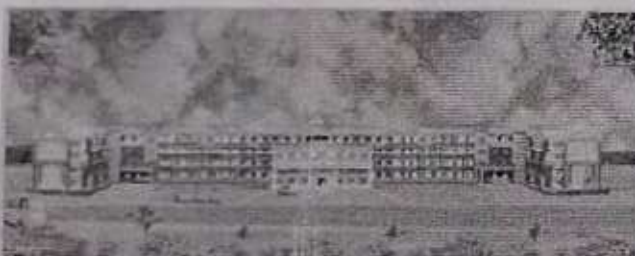
From  
28/01/2019 to 09/02/2019

### Convener

Dr Y.PRAKASH, Prof.& Head

### Organized by

Department of  
Electrical & 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](http://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, 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:

Cyber Security is a specialized field in Information Technology (IT) which is regarded as a sub stream in Computer Science. Cyber Security courses aim to equip students with the knowledge and skills required to defend computer operating systems, networks and data from cyber-attacks.

Cyber Security as a profession is evolving over the years, the reason being the increasing rate of cybercrimes. Any industry that transacts online or carries sensitive data is in need of a Cyber Security professional to safeguard its data from such delinquents. Cyberspace is a common platform that is accessed by anyone from every corner of the world, and the scope of cyber security is equally spread across the globe.

### Program Schedule:

28/01/2019 to 09/02/2019

### Recourse Person:

Dr. V. LAKSHMI

Professor, Dept of CSE,

PVP Siddhartha Engineering College,  
Vijayawada

### Coordinators:

Mrs RAFSAAL SHAHEEN SK

Mr CHITYALA SAIDAIHAH

### Organizing Committee:

Mr SHAIK NAZEER

Mr P BALA SUBRAMANYAM

Mr REMIDALA RAMESH

Mrs B.NAGAMANI





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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**PROGRAM REPORT**

TWO WEEKS VALUE ADDED COURSE ON

**“CYBER SECURITY”**

*From*

28/01/2019 to 09/02/2019

**Resource Person:**

Dr. V. LAKSHMI  
Professor, Dept of CSE,  
PVP Siddhartha Engineering College,  
Vijayawada

**Faculty Coordinators:**

1. Mrs RAFSAAL SHAHEEN SK  
Assistant Professor  
Ph.no: 9347775211  
Mail id: shaheen8428@gmail.com
2. Mr CHITYALA SAIDAI AH  
Assistant Professor  
Ph.no: 9966909082  
Mail id: chityala227@gmail.com

Number of students attended: 41

Venue: Seminar Hall, EEE Department

The department of electrical & electronics engineering is conducting two weeks value added course on “Cyber Security” for benefit of III B.Tech students, by resource person Dr. V. LAKSHMI, addressed the participants. The Program has been designed to help the students with the knowledge and skills required to defend computer operating systems, networks and data from cyber-attacks.



## Course objectives:

### The objective of the course is:

- To prepare students with the technical knowledge and skills needed to protect and defend computer systems and networks.
- To develop graduates that can plan, implement, and monitor cyber security mechanisms to help ensure the protection of information technology assets.
- To develop graduates that can identify, analyze, and remediate computer security breaches.

### The topics covered:-

The program covered a wide range of topics, including:

- Introduction to cyber security
- Basics of networking
- Snipping
- Virtualization
- Steganography and Cryptography
- Login bypass
- Basic attacks and security
- Malwares
- Google hacks
- Wireless attack
- Web application attacks
- Cyber loss and security

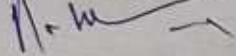
### Outcomes of the program:

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

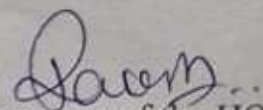
- Analyze and evaluate the cyber security needs of an organization.
- Conduct a cyber-security risk assessment.
- Measure the performance and troubleshoot cyber security systems.
- Implement cyber security solutions.
- Be able to use cyber security, information assurance, and cyber/computer forensics software/tools.
- Identify the key cyber security vendors in the marketplace.
- Design and develop a security architecture for an organization.
- Design operational and strategic cyber security strategies and policies.

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.

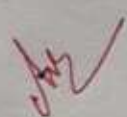
Signature of the Coordinators

1. 

2. 

  
Signature of the HOD

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

  
IQAC Coordinator

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





**LIST OF ENROLLED STUDENTS**

Name of Program- "Cyber Security"

S.No	Regd No	Name of the Student	Year/ Branch	Signature
1	16AJ1A0201	CHIRUBATHULA ARUNA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Ch. Aruna
2	16AJ1A0203	GADDE SOWMYA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Sowmya
3	16AJ1A0204	JAI SAI SANKAR TIRUMALASETTY	B.TECH(EEE)_3 <sup>rd</sup> YEAR	J. Sai Sankar Tirumal
4	16AJ1A0205	JALADI JAISANKAR	B.TECH(EEE)_3 <sup>rd</sup> YEAR	J. Jai Sankar
5	16AJ1A0206	K K D PAVAN SRIKANTH	B.TECH(EEE)_3 <sup>rd</sup> YEAR	K.K.D. Srikanth
6	16AJ1A0207	KOMATI VENKATESWARA RAO	B.TECH(EEE)_3 <sup>rd</sup> YEAR	K. Venkateswara
7	16AJ1A0210	KURAGANTI MADHUBABU	B.TECH(EEE)_3 <sup>rd</sup> YEAR	K. Madhubabu
8	16AJ1A0211	KUSUMARAJU RAMADEVI	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Ramadevi
9	16AJ1A0212	MUDIGONDA MOUNIKA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Mounika
10	16AJ1A0213	MUMMIDIVARAPU LAHARI	B.TECH(EEE)_3 <sup>rd</sup> YEAR	M. Lahari
11	16AJ1A0214	MUNGI CHANDRAKALA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Chandrakala
12	16AJ1A0215	NAKKANABOINA NAGA RAJU	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Naga raju
13	16AJ1A0216	PATHAN SULTHANA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Sulthana
14	16AJ1A0217	P VENKATA KALI SRI HARSHA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Sri Harsha
15	16AJ1A0218	ROMPICHERLA FATHIMA BABY	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Fathima Baby
16	16AJ1A0219	SAGGURTHI SAILAJA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Sailaja
17	16AJ1A0220	SANGEPU BALAGOPALA KRISHNA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Krishna
18	16AJ1A0221	SHAIK KHAJABEE	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Shaiq Khajabee
19	16AJ1A0222	SHAIK RAZIYA BEGUM	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Reema Begum
20	16AJ1A0223	SHAIK REEMA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Saik Reema
21	16AJ1A0224	SYED SHAFI	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Shafi
22	16AJ1A0225	VALLABHANENI SANDHYA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Sandhya
23	16AJ1A0226	VALLE DEEPTHI	B.TECH(EEE)_3 <sup>rd</sup> YEAR	V. Deepthi
24	16AJ1A0227	VARADABOYINA NAVEEN	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Naveen
25	16AJ1A0228	YADLA ANAPURNA DEVI	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Anapuradevi
26	17AJ5A0201	A SAI RAMYA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	A. Sai Ramya
27	17AJ5A0202	B. NAGA BABU	B.TECH(EEE)_3 <sup>rd</sup> YEAR	B. nagababu
28	17AJ5A0203	BATTULA CHANTI	B.TECH(EEE)_3 <sup>rd</sup> YEAR	B. Chanti
29	17AJ5A0204	B.VENKATA SAI KUMARI	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Sai Kumari
30	17AJ5A0206	GADE SIVA NAGA SAI	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Sivanaga Sai
31	17AJ5A0207	GARIMELLA KEERTHANA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Keethana
32	17AJ5A0208	G.NAVEEN KUMAR	B.TECH(EEE)_3 <sup>rd</sup> YEAR	A. Kumar
33	17AJ5A0210	KARINGU RAMU	B.TECH(EEE)_3 <sup>rd</sup> YEAR	K. Ramu
34	17AJ5A0211	KARRI RAMYA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Ramya
35	17AJ5A0212	K. MALLIKARJUNA RAO	B.TECH(EEE)_3 <sup>rd</sup> YEAR	K. Mallikarjuna
36	17AJ5A0213	KODARI DHANAPRIYA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Dhanapriya
37	17AJ5A0214	KONDA PRAKASH	B.TECH(EEE)_3 <sup>rd</sup> YEAR	K. Prakash
38	17AJ5A0215	MADDU KAMAL	B.TECH(EEE)_3 <sup>rd</sup> YEAR	M. kamal
39	17AJ5A0217	POTHANA BOINA KISHORE	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Kishore
40	17AJ5A0220	VEERANKI RAMAKRISHNA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Ramakrishna
41	17AJ5A0221	VEPURI BHUVANA CHANDRA	B.TECH(EEE)_3 <sup>rd</sup> YEAR	Bhuvana

Signature of the Coordinators

1.

2.

IQAC Coordinator

Amrita Sai Institute of Science & Technology

Amrita Sai Nagar, Paritala -521180

Signature of the HOD

HEAD OF THE DEPARTMENT

Electrical & Electronics Engineering

Amrita Sai Institute of Science and Technology

(PO), Kanchikacherla (MD), Krishna

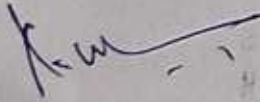



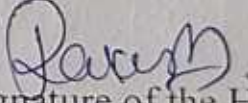




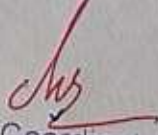
24	16AJ1A0227	VARADABOYINA NAVEEN	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
25	16AJ1A0228	YADLA ANNAPURNA DEVI	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD
26	17AJ5A0201	A SAI RAMYA	ASR	ASR	ASR	ASR	ASR	ASR	ASR	ASR	ASR	ASR	ASR	ASR
27	17AJ5A0202	B . NAGA BABU	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga
28	17AJ5A0203	BATTULA CHANTI	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti
29	17AJ5A0204	B.VENKATA SAI KUMARI	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai
30	17AJ5A0206	GADE SIVA NAGA SAI	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga
31	17AJ5A0207	GARIMELLA KEERTHANA	Keert	Keert	Keert	Keert	Keert	Keert	Keert	Keert	Keert	Keert	Keert	Keert
32	17AJ5A0208	G.NAVEEN KUMAR	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
33	17AJ5A0210	KARINGU RAMU	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu
34	17AJ5A0211	KARRI RAMYA	Ramy	Ramy	Ramy	Ramy	Ramy	Ramy	Ramy	Ramy	Ramy	Ramy	Ramy	Ramy
35	17AJ5A0212	K. MALLIKARJUNA RAO	Malli	Malli	Malli	Malli	Malli	Malli	Malli	Malli	Malli	Malli	Malli	Malli
36	17AJ5A0213	KODARI DHANAPRIYA	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan
37	17AJ5A0214	KONDA PRAKASH	Praka	Praka	Praka	Praka	Praka	Praka	Praka	Praka	Praka	Praka	Praka	Praka
38	17AJ5A0215	MADDU KAMAL	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal
39	17AJ5A0217	POTHANA BOINA KISHORE	Kish	Kish	Kish	Kish	Kish	Kish	Kish	Kish	Kish	Kish	Kish	Kish
40	17AJ5A0220	VEERANKI RAMAKRISHNA	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama
41	17AJ5A0221	VEPURI BHUVANA CHANDRA	Bhuv	Bhuv	Bhuv	Bhuv	Bhuv	Bhuv	Bhuv	Bhuv	Bhuv	Bhuv	Bhuv	Bhuv

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), Kancharikachera (MD), Krishna (AP)

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



# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of Electrical and Electronics Engineering




## Certificate

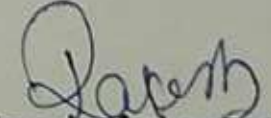
*Of participation*

*A TWO WEEKS VALUE ADDED COURSE ON*

**“CYBER SECURITY”**

Mr/Ms KARRI Ramya has participated in the two week value added certificate programme on “Cyber Security”, organized by department of electrical & electronics engineering held on 28-01-2019 to 09-02-2019 in Amrita Sai Institute of Science and Technology.

  
Coordinator

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



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Paritala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.  
www.amritasai.edu.in, Phone: 0866 2428349.



**DEPARTMENT OF CIVIL ENGINEERING**

Paritala,

Dt: 20-08-2018.

Circular

This is to inform that the department of CIVIL Engineering is conducting two weeks value added course on "Auto-CADD" for benefit of IV B.Tech students from 27-08-2018 to 8-09-2018. All the students shall give their names to coordinator listed below on or before 24-08-2018. Hence, all the students are hereby informed to attend the classes without fail.

Venue: Seminar Hall, CIVIL Engineering Department, ASIST

Coordinator: Dr.M. Thiyagarajan

Associate.Professor, CIVIL E ngineering Dept.

**M.TJ  
CIVIL HOD**

Professor & Head

Department of Civil Engineering

OFFICE LIBRARY

Paritala, Krishna

Signature of All Hods						TPO	IQAC	OFFICE	LIBRARY
M.TJ	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

**Copy To:**

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





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



**DEPARTMENT OF CIVIL ENGINEERING**

Dt: 20/08/2018.

**WEEK/DAY-WISE COURSE SCHEDULE**

Name of the Program: Two weeks value added course on "Auto CADD"

S.No	Day	Date	Topics To Be --Covered
1	MONDAY	27/08/2018	Getting started with Auto CAD, Basic drawing and Editing commands
2	TUESDAY	28/08/2018	Projects- creating a simple drawing, drawing precision in Auto CAD
3	WEDNESDAY	29/08/2018	Making changes in your drawing (move, copy, rotate, mirror etc.), Drawing Templates
4	THURSDAY	30/08/2018	Organizing your drawing with layers
5	FRIDAY	31/08/2018	Advanced object types
6	SATURDAY	1/09/2018	Projects- Drawing organization & information, Advanced editing commands
7	MONDAY	3/09/2018	Inserting blocks, projects- creating more complex objects
8	TUESDAY	4/09/2018	Setting up a layout, printing your drawing
9	WEDNESDAY	5/09/2018	Projects- preparing to print, text
10	THURSDAY	6/09/2018	hatching
11	FRIDAY	7/09/2018	Adding dimensions
12	SATURDAY	8/09/2018	Projects- Annotating your drawing

M.S.  
COORDINATOR

M.TL  
HOD CIVIL

Professor & Head  
Department of Civil Engineering  
Amrita Sai Institute of Science & Technology  
Partala, Krishna Dist. 521180



## VALUE ADDED COURSE ON

### Auto CADD

From  
27/08/2018 to 8/09/2018

Convener

Organized by

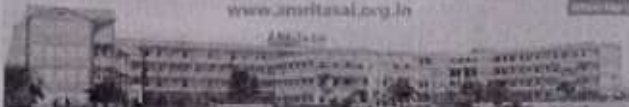
Department of  
CIVIL Engineering



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

AUTONOMOUS

Paritala, Kanchikacherla Mandal, Krishna District - 521180  
[www.amritasai.org.in](http://www.amritasai.org.in)



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

Approved by AICTE New Delhi

Affiliated to JNTU, Kakinada

Paritala, Krishna District-521180(A.P)

**AnISO 9001:2008 Certified Institution**

Web site: [www.amritasai.org.in](http://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, 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 (Mdl.), 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:

Civil Engineers improve the place we live in with the latest infrastructure and constructions that are much needed to cope with this fast-placed world. They plan and design various buildings,dams,bridges,irrigation projects ,airports,power plants and many more.

Apart from regular teachings and research activities ,the department of civil engineering has taken up various research programs funded and sponsored by AICTE and UGC.The civil Engineering department at Amrita sai also works in cooperation with industries.

### About the program:

Auto CADD is a 2D and 3D computer aided design (CAD) Software application for desktop ,web,and mobile developed by Autodesk. It was first released in December 1982. Auto CADD is a general drafting and design application used in industry by architects ,project managers,Engineers,graphic designers,city planners and other professionals to prepare technical drawings.

### Program schedule:

27/08/2018 to

8/09/2018

### Resource person:

**N.N.G SAI PAVAN**

ASSIST.PROFESSOR,  
USHA RAMA COLLEGE OF  
ENGINEERING

### Program coordinator:

Dr. M.Thiyagarajan,  
Associate.Professor, CIVIL  
Engineering Dept.,ASIST





**DEPARTMENT OF CIVIL ENGINEERING**

**PROGRAM REPORT**

**TWO WEEKS VALUE ADDED COURSE ON**

**"Auto CADD"**

*From*

**27/08/2018 to 8/09/2018**

**Resource Person:**

**N.N.G SAI PAVAN**

*Assist. Professor, Dept. of  
CIVIL, Usha Rama  
college, Telaprolu*

**Faculty Coordinator:**

**Dr. M.Thiyagarajan Associate  
Professor, CIVIL  
Engineering Dept. ASIST  
Ph.no:9487277693**

**Number of students attended: 39**

**Venue: Seminar Hall, CIVIL Department**

The department of CIVIL Engineering is conducting a two weeks value added course on "Auto CADD" for benefit of IV B.Tech students, by resource person N.N.G SAI PAVAN. In this part, the Program has been designed to help the students learn the basics of Auto CADD. Totally 39 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:**

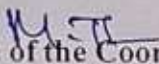
- Getting started with Auto CAD, Basic drawing and Editing commands
- Projects- creating a simple drawing, drawing precision in Auto CAD
- Making changes in your drawing (move, copy, rotate, mirror etc.), Drawing Templates.
- Organizing your drawing with layers
- Advanced object types
- Projects- Drawing organization & information, Advanced editing commands
- Inserting blocks, projects- creating more complex objects.
- Setting up a layout, printing your drawing.
- Projects- preparing to print, text
- Hatching
- Adding dimensions.
- Projects- Annotating your drawing.

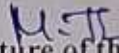
### Outcomes of the program:

After completing this course a student will be able to:

- Understand the basic commands in Auto CAD
- Utilize the power and precision of Auto CAD as a drafting and design tool.
- Apply basic CAD concepts to develop and construct accurate 2D geometry through creation of basic geometric constructions.
- Create, manipulate and edit 2D drawings and figures.

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 and Technology thanked the resource person and participants for making the program successful.

  
Signature of the Coordinator

  
Signature of the HOD

Profes.  
Department of Mechanical Engineering  
Amrita Sai Institute of Science and Technology  
Paritara, Krishna Dt. 521 135





# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY (AUTONOMOUS)

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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- "Auto CADD"

S.NO.	Roll No	Name of the Student	Year/ Branch	signature
1	15AJ1A0101	ALLA DHARMA TEJA	B.TECH(IVYR)/CIVIL	A. Dharma Teja
2	15AJ1A0102	AMMIREDDY ESAR REDDY	B.TECH(IV YR)/CIVIL	A. Esar Reddy
3	15AJ1A0103	BUGGINENI DIVYA	B.TECH(IV YR)/CIVIL	B. Divya
4	15AJ1A0104	DAMERLA DURGA SHANKAR	B.TECH(IV YR)/CIVIL	D. Dehota
5	15AJ1A0105	DAVOOD BAIG	B.TECH(IV YR)/CIVIL	D. BAIG
6	15AJ1A0106	DODDAPANENI RENUKA	B.TECH(IV YR)/CIVIL	D. Renuka
7	15AJ1A0107	GADUPUDI RAMYA	B.TECH(IV YR)/CIVIL	G. Ramya
8	15AJ1A0108	GALI DURGA BHAVANI	B.TECH(IV YR)/CIVIL	G. Bhavani
9	15AJ1A0109	GARLAPATI BHAVYA SRI	B.TECH(IV YR)/CIVIL	G. Bhavani Sri
10	15AJ1A0110	GOGINENI ANIL	B.TECH(IV YR)/CIVIL	G. Anil
11	15AJ1A0111	GINUGUNTLA PRASANNA	B.TECH(IV YR)/CIVIL	G. Prasanna
12	15AJ1A0113	IDAMAKANTI PAVAN KUMAR REDDY	B.TECH(IV YR)/CIVIL	I. P. K. R.
13	15AJ1A0114	JAKKIREDDY SURESH REDDY	B.TECH(IV YR)/CIVIL	J. Suresh
14	15AJ1A0115	KAKULA MERCY	B.TECH(IV YR)/CIVIL	K. Mercy
15	15AJ1A0117	KOLIKINENI AKHIL	B.TECH(IV YR)/CIVIL	K. Akhil
16	15AJ1A0118	KUDUMULA AJAY PAPI REDDY	B.TECH(IV YR)/CIVIL	K. P. R.
17	15AJ1A0120	LINGAM NAGA RAJU	B.TECH(IV YR)/CIVIL	L. Naga Raju
18	15AJ1A0121	MELLACHERUVU S V K K A SIVA NARAYANA	B.TECH(IV YR)/CIVIL	M. Narayana
19	15AJ1A0122	MOHAMMAD MEHARAJ	B.TECH(IV YR)/CIVIL	M. Meharaj
20	15AJ1A0123	MUPPAVARAPU SAI PRADEEP	B.TECH(IV YR)/CIVIL	M. Sai Pradeep
21	15AJ1A0124	MURAKONDA MADHAVI	B.TECH(IV YR)/CIVIL	M. Madhavi
22	15AJ1A0125	NAVULURI LALITHA	B.TECH(IV YR)/CIVIL	N. Lalitha
23	15AJ1A0126	PEDAVALI ESWAR AJAY KUMAR	B.TECH(IV YR)/CIVIL	P. E. A. K.
24	15AJ1A0127	PEDAVALI HARI GOPAL	B.TECH(IV YR)/CIVIL	P. Hari Gopal
25	15AJ1A0128	RAVURI BHANUSRI	B.TECH(IV YR)/CIVIL	R. Bhanusri
26	15AJ1A0129	SAMUDRALA REVATHI	B.TECH(IV YR)/CIVIL	S. Revathi

27	15AJIA0130	SARIPILLA VENKATA SAI REDDY	B.TECH(IV YR)/CIVIL	<i>S.V. Sai Reddy</i>
28	15AJIA0131	SAYYED JAN PASHA	B.TECH(IV YR)/CIVIL	<i>S.Y. Jan Pasha</i>
29	15AJIA0132	VALLEPU THIRUPATHI RAO	B.TECH(IV YR)/CIVIL	<i>V. B. Thirupati Rao</i>
30	15AJIA0133	VALLETI BHANU PRAKASH	B.TECH(IV YR)/CIVIL	<i>V. Sai Ram</i>
31	15AJIA0134	VANKAYALAPATI SAIRAM	B.TECH(IV YR)/CIVIL	<i>V. Sairam</i>
32	16AJ5A0101	AANAM SUDHAKAR	B.TECH(IV YR)/CIVIL	<i>A. Sudhakar</i>
33	16AJ5A0102	KALLE SRINU	B.TECH(IV YR)/CIVIL	<i>K. Srinu</i>
34	16AJ5A0103	KUKALAKUNTA SANAK BHARGAV	B.TECH(IV YR)/CIVIL	<i>K. S. Bhargava</i>
35	16AJ5A0104	MATTLE GAYATHRI	B.TECH(IV YR)/CIVIL	<i>M. Gayathri</i>
36	16AJ5A0105	PALLAPOTHULA GOWTHAM SAI	B.TECH(IV YR)/CIVIL	<i>P. Gowtham Sai</i>
37	16AJ5A0106	SANKA NARESH	B.TECH(IV YR)/CIVIL	<i>S. Nareesh</i>
38	16AJ5A0107	SIMMA DINESH	B.TECH(IV YR)/CIVIL	<i>S. Dinesh</i>
39	16AJ5A0108	TATINI PARDHASREE CHAITANYA	B.TECH(IV YR)/CIVIL	<i>T. P. Chaitanya</i>

*M. S. J.*  
Signature of the Coordinator

*M. S. J.*  
Signature of the HOD

Professor & Head  
Department of Civil Engineering  
Amrita Sai Institute of Technology  
Paritala, Krishna Dt. 521 105





# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY (AUTONOMOUS)

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



## DAY-WISE ATTENDANCE SHEET

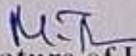
Name of Program-“Auto CADD”

SL.No	Regd. NO.	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1	15AJIA0101	ALLA DHARMA TEJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
2	15AJIA0102	AMMIREDDY ESAR REDDY	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	11
3	15AJIA0103	BUGGINENI DIVYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	11
4	15AJIA0104	DAMERLA DURGA SHANKAR	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	11
5	15AJIA0105	DAVOOD BAIG	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
6	15AJIA0106	DODDAPANENI RENUKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
7	15AJIA0107	GADUPUDI RAMYA	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	11
8	15AJIA0108	GALI DURGA BHAVANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
9	15AJIA0109	GARLAPATI BHAVYA SRI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
10	15AJIA0110	GOGINENI ANIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
11	15AJIA0111	GINUGUNTLA PRASANNA	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	11
12	15AJIA0113	IDAMAKANTI PAVAN KUMAR REDDY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	11
13	15AJIA0114	JAKKIREDDY SURESH REDDY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
14	15AJIA0115	KAKULA MERCY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
15	15AJIA0117	KOLIKINENI AKHIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	11
16	15AJIA0118	KUDUMULA AJAY PAPI REDDY	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11
17	15AJIA0120	LINGAM NAGA RAJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
18	15AJIA0121	MELLACHERUVU S V K K A SIVA NARAYANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
19	15AJIA0122	MOHAMMAD MEHARAJ	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11
20	15AJIA0123	MUPPAVARAPU SAI PRADEEP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	11
21	15AJIA0124	MURAKONDA MADHAVI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
22	15AJIA0125	NAVULURI LALITHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
23	15AJIA0126	PEDAVALLI ESWAR AJAY KUMAR	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	A	11
24	15AJIA0127	PEDAVALLI HARI GOPAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11
25	15AJIA0128	RAVURI BHANUSRI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
26	15AJIA0129	SAMUDRALA REVATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
27	15AJIA0130	SARIPILLA VENKATA SAI REDDY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	11
28	15AJIA0131	SAYYED JAN PASHA	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	12



29	15AJ1A0132	VALLEPU THIRUPATHI RAO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
30	15AJ1A0133	VALLETI BHANU PRAKASH	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11
31	15AJ1A0134	VANKAYALAPATI SAIRAM	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11
32	16AJ5A0101	AANAM SUDHAKAR	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	11
33	16AJ5A0102	KALLE SRINU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
34	16AJ5A0103	KUKALAKUNTA SANAK BHARGAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
35	16AJ5A0104	MATTLE GAYATHRI	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	11
36	16AJ5A0105	PALLAPOTHULA GOWTHAM SAI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
37	16AJ5A0106	SANKA NARESH	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11
38	16AJ5A0107	SIMMA DINESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
39	16AJ5A0108	TATINI PARDHASREE CHAITANYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	11

  
Signature of the Coordinator

  
Signature of HOD

Professor & Head  
Department of Civil Engineering  
Amrita Sai Institute of Science & Technology  
Paritara, Krishna Dt - 521 185



# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of CIVIL ENGINEERING



## Certificate

*Of participation*

A TWO WEEKS VALUE ADDED COURSE ON

“Auto CADD”

Mr/Ms KANDELA SASIKALA has participated in the two week certificate programme on “Auto CADD”, organized by department of CIVIL Engineering held on 19-08-2019 to 31-08-2019 in Amrita Sai Institute of Science and Technology.

M. Th  
Coordinator

M. Th  
Head of the Department

Mechanical Engineering  
Amrita Sai Institute of Science and Technology  
Amrita Sai Institute of Science and Technology



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**DEPARTMENT OF CIVIL ENGINEERING**

Paritala,

Dt: 28-01-2019.

Circular

This is to inform that the department of CIVIL Engineering is conducting two weeks value added course on "GEOGRAPHICAL INFORMATION SYSTEM(GIS) " for benefit of IV B.Tech students from 04-02-2019 to 16-02-2019. All the students shall give their names to coordinator listed below on or before 31-01-2019. Hence, all the students are hereby informed to attend the classes without fail.

Venue: Seminar Hall, CIVIL Engineering Department, ASIST

Coordinator: Dr.M.THİYAGA RAJAN

Associate Professor, CIVIL Engineering Dept.

*M. T. J.*  
**CIVIL HOD**

Professor & Head  
Department of Civil Engineering

Signature of All Hods							TPO	AIN/QAB	OFFICE	LIBRARY
<i>M. Thiyaga Rajan</i>	<i>DPZ</i>	<i>AK</i>	<i>AK</i>	<i>AK</i>	<i>AK</i>	<i>AK</i>	<i>AK</i>	<i>AK</i>	<i>AK</i>	<i>AK</i>

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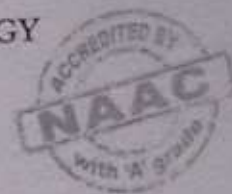
- All HOD'S
- All staff members
- IV B.Tech Students
- Notice board
- File





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**DEPARTMENT OF CIVIL ENGINEERING**

Dt: 28/01/2019.

**WEEK/DAY-WISE COURSE SCHEDULE**

Name of the Program: Two weeks value added course on GEO-GRAPHICAL INFORMATION SYSTEM

S.No	Day	Date	Topics To Be --Covered
1	MONDAY	4/02/2019	<ul style="list-style-type: none"><li>Defination and components of GIS and GIS data types</li></ul>
2	TUESDAY	5/02/2019	<ul style="list-style-type: none"><li>Coordinate systems and map projections,GIS data acquisition and sources and data collection techniques.</li></ul>
3	WEDNESDAY	6/02/2019	<ul style="list-style-type: none"><li>Field surveys and data digitization</li></ul>
4	THURSDAY	7/02/2019	<ul style="list-style-type: none"><li>Data sources ,editing spatial and attribute data .Error detection and correction.</li></ul>
5	FRIDAY	8/02/2019	<ul style="list-style-type: none"><li>Database design and management,selecting features based on spatial criteria .Attribute queries</li></ul>
6	SATURDAY	9/02/2019	<ul style="list-style-type: none"><li>Geo processing overlay operations (union,intersect,etc.),buffering and proximity analysis.</li></ul>
7	MONDAY	11/02/2019	<ul style="list-style-type: none"><li>Network analysis shortest path analysis.service area analysis</li></ul>
8	TUESDAY	12/02/2019	<ul style="list-style-type: none"><li>GIS Cartography and visualization symbolization and map elements- layout design</li></ul>
9	WEDNESDAY	13/02/2019	<ul style="list-style-type: none"><li>Creating maps with thematic layers . Choropleth, dot density,and other thematic maps.</li></ul>
10	THURSDAY	14/02/2019	<ul style="list-style-type: none"><li>Introduction to spatial modeling concepts.-Application of GIS in modeling.</li></ul>
11	FRIDAY	15/02/2019	<ul style="list-style-type: none"><li>Basics of web mapping,mobile GIS applications.</li></ul>
12	SATURDAY	16/02/2019	<ul style="list-style-type: none"><li>GIS Ethics and professionalism.</li></ul>

M.S.T.  
COORDINATOR

M.S.T.  
HOD CIVIL  
Professor & Head  
Department of Civil Engineering  
Amrita Sai Institute of Science & Technology  
Paritala, Krishna Dt. 521180



**VALUE ADDED COURSE ON  
GEOGRAPHICAL INFORMATION  
SYSTEM (GIS)**

*From*  
**04/02/2019 to 16/02/2019**  
*Convener*

**Organized by**  
Department of  
CIVIL Engineering



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INSTITUTE OF SCIENCE & TECHNOLOGY  
(AUTONOMOUS)**

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Affiliated to JNTU, Kakinada  
Paritala, Krishna District-521180(A.P)  
**AnISO 9001:2008 Certified Institution**

Web site: [www.amritasai.org.in](http://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, 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:**

Civil Engineers improve the place we live in with the latest infrastructure and constructions that are much needed to cope with this fast-placed world. They plan and design various buildings,dams,bridges,irrigation projects ,airports,power plants and many more.

Apart from regular teachings and research activities ,the department of civil engineering has taken up various research programs funded and sponsored by AICTE and UGC.The civil Engineering department at Amrita sai also works in cooperation with industries.

**About the program:**

This program helps to understand the principles of data collection,storage and management in a spatial context. Its helpsto develop the ability to write and execute GIS software to solve simple problems.Gain proficiency in data formats,metadata and database systems used in GIS Wwhich helps to develop skills in spatial analysis techniques to solve Engineering problems.GIS program helps to develop skills in creating various types of maps and data visualization of different problems.

**Program schedule:**

**04/02/2019 to  
16/02/2019**

**Resource person:**

Mr.K.sundara kumar  
Associate Professor,  
Dept of CIVIL.,,Usha  
Ramacollege,vijayawada

**Program coordinator:**

Dr.M .THIYAGARAJAN  
Associate.Professor, CIVIL  
Engineering Dept.s





**DEPARTMENT OF CIVIL ENGINEERING**  
**PROGRAM REPORT**

**TWO WEEKS VALUE ADDED COURSE ON**  
**"GEO-GRAPHICAL INFORMATION SYSTEM"**

*From*  
**04/02/2019 to 16/02/2019**

**Resource Person:**  
**K.SUNDARA**  
**KUMAR.**

Associate Professor, Dept of  
CIVIL.

Usha Rama college of Engineering & Tech., Vijayawada

**Faculty Coordinator:**

Dr.M.Thiyagarajan  
Associate Professor  
Ph.no:9487277693

Number of students attended: 39

Venue:Seminar Hall, CIVIL Department

The department of CIVIL Engineering is conducting two weeks value added course on "GEO-GRAPHICAL INFORMATION SYSTEM" for benefit of IV B.Tech students, by resource person **Mr.K.SUNDARA KUMAR**, In this part, the Program has been designed to help the students learn the basics of GIS. Totally 39 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:**

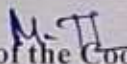
- You'll gain knowledge of use of GIS to analyze and interpret spatial data, helping users understand patterns, relationships, and trends in geographical information. It can be applied in fields such as urban planning, environmental science, and transportation planning.
- You'll learn how GIS allows users to create maps and visual representations of geographical data. This can help in making data more understandable and communicable to a wider audience.
- You'll learn how GIS is used to analyze and plan for land use, infrastructure development, and transportation systems. It aids in designing sustainable and efficient cities.
- You'll learn how GIS is used by organizations to manage and maintain infrastructure and assets efficiently, such as roads, utilities, and telecommunications networks.
- Career opportunities: learning GIS can open doors to various career opportunities in fields like urban planning, health care, software development, communication technology and more.

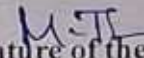
## Outcomes of the program:

After completing this course a student will be able to:

- Understand the principles of data collection, storage and management in a spatial context.
- Develop the ability to write and execute GIS software to solve simple problems.
- Gain proficiency in data formats, meta data, and database systems used in GIS.
- Develop skills in spatial analysis techniques to solve Engineering problems.
- Develop skills in creating various types of maps and data visualizations.

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

  
Signature of the Coordinator

  
Signature of the HOD  
Professor & Head  
Department of Civil Engineering  
Amrita Sai Institute of Science & Technology  
Paritala, Krishna Dt. 521 185





# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY (AUTONOMOUS)

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Recognized by UGC under 2(f) & 12(B) of 1956 Act.  
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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- "GEO-GRAPHICAL INFORMATION SYSTEM"

S.NO.	Roll No	Name of the Student	Year/ Branch	signature
1	15AJ1A0101	ALLA DHARMA TEJA	B.TECH(IV YR)/CIVIL	A. Dharma Teja
2	15AJ1A0102	AMMIREDDY ESAR REDDY	B.TECH(IV YR)/CIVIL	Ammireddy
3	15AJ1A0103	BUGGINENI DIVYA	B.TECH(IV YR)/CIVIL	Divya
4	15AJ1A0104	DAMERLA DURGA SHANKAR	B.TECH(IV YR)/CIVIL	D. Shankar
5	15AJ1A0105	DAVOOD BAIG	B.TECH(IV YR)/CIVIL	D. Baig
6	15AJ1A0106	DODDAPANENI RENUKA	B.TECH(IV YR)/CIVIL	D. Renuka
7	15AJ1A0107	GADUPUDI RAMYA	B.TECH(IV YR)/CIVIL	Gadupudi
8	15AJ1A0108	GALI DURGA BHAVANI	B.TECH(IV YR)/CIVIL	G. Bhavani
9	15AJ1A0109	GARLAPATI BHAVYA SRI	B.TECH(IV YR)/CIVIL	G. Bhavya Sri
10	15AJ1A0110	GOGINENI ANIL	B.TECH(IV YR)/CIVIL	Anil
11	15AJ1A0111	GINUGUNTLA PRASANNA	B.TECH(IV YR)/CIVIL	G. Prasanna
12	15AJ1A0113	IDAMAKANTI PAVAN KUMAR REDDY	B.TECH(IV YR)/CIVIL	I. Pavan Kumar
13	15AJ1A0114	JAKKIREDDY SURESH REDDY	B.TECH(IV YR)/CIVIL	J. Suresh Reddy
14	15AJ1A0115	KAKULA MERCY	B.TECH(IV YR)/CIVIL	K. Mercy
15	15AJ1A0117	KOLIKINENI AKHIL	B.TECH(IV YR)/CIVIL	K. Akhil
16	15AJ1A0118	KUDUMULA AJAY PAPI REDDY	B.TECH(IV YR)/CIVIL	K. Ajay Papi
17	15AJ1A0120	LINGAM NAGA RAJU	B.TECH(IV YR)/CIVIL	L. Nagaraju
18	15AJ1A0121	MELLACHERUVU S V K K A SIVA NARAYANA	B.TECH(IV YR)/CIVIL	M. Narayana
19	15AJ1A0122	MOHAMMAD MEHARAJ	B.TECH(IV YR)/CIVIL	M. Mehraj
20	15AJ1A0123	MUPPAVARAPU SAI PRADEEP	B.TECH(IV YR)/CIVIL	M. Pradeep
21	15AJ1A0124	MURAKONDA MADHAVI	B.TECH(IV YR)/CIVIL	M. Madhavi
22	15AJ1A0125	NAVULURI LALITHA	B.TECH(IV YR)/CIVIL	N. Lalitha
23	15AJ1A0126	PEDAVALLI ESWAR AJAY KUMAR	B.TECH(IV YR)/CIVIL	P. Eswar
24	15AJ1A0127	PEDAVALLI HARI GOPAL	B.TECH(IV YR)/CIVIL	P. Hari Gopal
25	15AJ1A0128	RAVURI BHANUSRI	B.TECH(IV YR)/CIVIL	R. Bhanusri
26	15AJ1A0129	SAMUDRALA REVATHI	B.TECH(IV YR)/CIVIL	S. Revathi



27	15AJ1A0130	SARIPILLA VENKATA SAI REDDY	B.TECH(IV YR)/CIVIL	<i>Sarai</i>
28	15AJ1A0131	SAYYED JAN PASHA	B.TECH(IV YR)/CIVIL	<i>Janpasha</i>
29	15AJ1A0132	VALLEPU THIRUPATHI RAO	B.TECH(IV YR)/CIVIL	<i>Thirupathi</i>
30	15AJ1A0133	VALLETI BHANU PRAKASH	B.TECH(IV YR)/CIVIL	<i>Bhanuprakash</i>
31	15AJ1A0134	VANKAYALAPATI SAIRAM	B.TECH(IV YR)/CIVIL	<i>Sairam</i>
32	16AJ5A0101	AANAM SUDHAKAR	B.TECH(IV YR)/CIVIL	<i>Sudhakar</i>
33	16AJ5A0102	KALLE SRINU	B.TECH(IV YR)/CIVIL	<i>Srinu</i>
34	16AJ5A0103	KUKALAKUNTA SANAK BHARGAV	B.TECH(IV YR)/CIVIL	<i>Bhargava</i>
35	16AJ5A0104	MATTLE GAYATHRI	B.TECH(IV YR)/CIVIL	<i>Gayathri</i>
36	16AJ5A0105	PALLAPOTHULA GOWTHAM SAI	B.TECH(IV YR)/CIVIL	<i>Gowtham Sai</i>
37	16AJ5A0106	SANKA NARESH	B.TECH(IV YR)/CIVIL	<i>Naresh</i>
38	16AJ5A0107	SIMMA DINESH	B.TECH(IV YR)/CIVIL	<i>Dinesh</i>
39	16AJ5A0108	TATINI PARDHASREE CHAITANYA	B.TECH(IV YR)/CIVIL	<i>T. Pardhasree</i>

*M. J. L.*  
Signature of the Coordinator

*M. J. L.*  
Signature of the HOD  
Professor & Head  
Department of Civil Engineering  
Anrita Sai Institute of Science & Technology  
Paritala, Krishna Dt 521 135







29	15AJ1A0132	VALLEPU THIRUPATHI RAO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
30	15AJ1A0133	VALLETI BHANU PRAKASH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
31	15AJ1A0134	VANKAYALAPATI SAIRAM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
32	16AJ5A0101	AANAM SUDHAKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
33	16AJ5A0102	KALLE SRINU	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11
34	16AJ5A0103	KUKALAKUNTA SANAK BHARGAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
35	16AJ5A0104	MATTLE GAYATHRI	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	11
36	16AJ5A0105	PALLAPOTHULA GOWTHAM SAI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
37	16AJ5A0106	SANKA NARESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
38	16AJ5A0107	SIMMA DINESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12
39	16AJ5A0108	TATINI PARDHASREE CHAITANYA	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11

M. STI  
Signature of the Coordinator

M. STI  
Signature of HOD

Professor & Head  
Department of Electrical Engineering  
Anrita Sai Institute of Science & Technology  
Paritara, Krishna Dt. 521 185



# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of CIVIL ENGINEERING



## *Certificate*

*Of participation*

A TWO WEEKS VALUE ADDED COURSE ON  
“GEOGRAPHICAL INFORMATION SYSTEM (GIS)”

Mr/Ms SANKU NARESH has participated in the two week certificate programme on “Geo-Graphical Information System (GIS)”, organized by department of CIVIL Engineering held on 04-02-2019 to 16-02-2019 in Amrita Sai Institute of Science and Technology.

*M. Th*  
Coordinator

*M. Th*  
Head of the Department



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**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

Paritala,

Dt: 10/09/22.


**CIRCULAR**

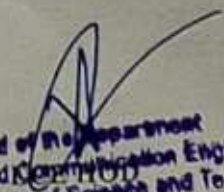
This is to inform that the department of electronics & Communication engineering is conducting value added course on "PCB DESIGN" for benefit of II B.Tech students from 19/09/2022 to 24/09/2022.

Venue: Seminar Hall, Department of ECE, ASIST  
Co-ordinator: Dr. SAMIRAN CHATTERJEE- Professor,  
Dept. of the ECE,

**Copy To:**

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

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

  
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 & COMMUNICATION ENGINEERING


Dt: 24/11/2018.

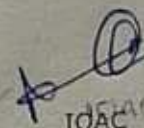
WEEK/DAY-WISE COURSE SCHEDULE

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

S.No	Day	Date	Topics To Be Covered
1	Monday	27/11/2018	Introduction to circuit designing and PCB designing
2	Tuesday	28/11/2018	Study of a basic circuit diagram and its conversion to PCB
3	Wednesday	29/11/2018	Creating a schematic design from the circuit diagram Creating a board layout design from the same schematic design
4	Thursday	30/11/2018	Techniques for excellent PCB designing PCB printing and etching process
5	Friday	01/11/2018	Soldering process and techniques
6	Saturday	02/11/2018	Troubleshooting basic faults in PCBs

  
CO-ORDINATOR  


  
Head of the Department  
Electronics and 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

27/11/2018 to 01/09/2018

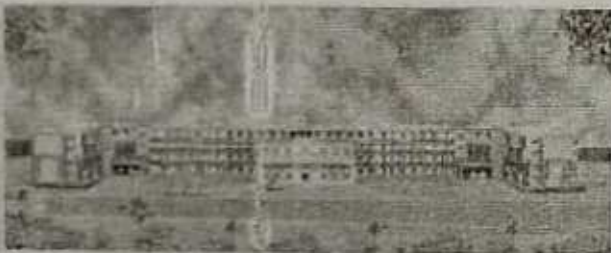
Convenor

Mr V. Rama Babu Prof. & Head

Organized by

Department of

Electronics and Communication Engineering



# AMRITA SAI

INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE New Delhi

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### 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 2015. 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 different methods to design a PCB, and its applications.

### Program Schedule:

27/11/2018 to 01/12/2018

### Recourse Person:

V. GOVIND RAO, CEO, Microlink, Vijayawada.

### Coordinators:

Dr. S. Chatterjee, Professor, Dept. of ECE

### Organizing Committee:

G. Latha, Assistant professor, Dept. of ECE

K. Chandra Rao, Assistant professor, Dept of ECE





**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING**

**PROGRAM REPORT**

**ONE WEEKS VALUE ADDED COURSE ON  
"PCB DESIGN"**

*From*

27/11/2018 to 01/12/2018

**Resource Person:**

**MR. V.GOVIND RAO**

CEO, MICROLINK

VIJAYAWADA, AP.

**Faculty Coordinators:**

1. K. Chandra Rao  
Assistant Professor  
Ph.no.7396796619  
Mailid: k.chandrarao2005@gmail.com

Number of students attended: 171

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.



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**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 Amrita sai Institute of Science and Technology thanked the resource person and participants for making the program successful.

Signature of the Coordinators

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



## LIST OF ENROLLED STUDENTS

Name of Program- "PCB DESIGN"

Sl. No	Roll No	Name of the Student	Year/ Branch	Signature
1	15AJ1A0476	NADAKUDURU HARIKA LAKSHMI BHAVANA	B.TECH(ECE)_II <sup>nd</sup> YEAR	—
2	17AJ1A0403	AINAVARAPU KAVITHA DEVI	B.TECH(ECE)_II <sup>nd</sup> YEAR	A.K. Devi
3	17AJ1A0404	AKINA SUMANA SRI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Sumansi
4	17AJ1A0405	AKULA JYOTHI	B.TECH(ECE)_II <sup>nd</sup> YEAR	A. Jyothi
5	17AJ1A0406	AKULA TULASI LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	A. Tulasi Lakshmi
6	17AJ1A0407	AKURATHI NAGA LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	A. Naga Lakshmi
7	17AJ1A0408	ANANTHA HARIKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	A. Harika
8	17AJ1A0409	ARIGE HIMA BINDU	B.TECH(ECE)_II <sup>nd</sup> YEAR	A. Hima bindu
9	17AJ1A0410	BALLEM SRILAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. Sri lakshmi
10	17AJ1A0411	BANDARU JHANSI	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. Jhansi
11	17AJ1A0412	BANDI SRIKANTH	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. Srikanth
12	17AJ1A0414	BELLAMKONDA SUSHMA	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. Sushma
13	17AJ1A0415	BHAGYASRI JANJANAM	B.TECH(ECE)_II <sup>nd</sup> YEAR	J. Bhagyasri
14	17AJ1A0416	BODEDLA BHAGYA LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. Bhagya Lakshmi
15	17AJ1A0417	BOGGAVARAPU SATYA SATHYAKI	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. satya sathyaki
16	17AJ1A0418	BOJADLA LAKSHMAN	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. Lakshman
17	17AJ1A0419	BORRA BHANU PRAKASH	B.TECH(ECE)_II <sup>nd</sup> YEAR	Bhanu
18	17AJ1A0420	BORRA SRIVANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. Srivani
19	17AJ1A0421	BUGGINENI DEEPIKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	B. Deepika
20	17AJ1A0423	CHAPA NAGA LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	C. Naga Lakshmi
21	17AJ1A0424	CHIDIRALA JHANSI	B.TECH(ECE)_II <sup>nd</sup> YEAR	Ch. Jhansi
22	17AJ1A0425	CHINTHALA GOPI	B.TECH(ECE)_II <sup>nd</sup> YEAR	Ch. Gope
23	17AJ1A0426	CHINTHALA RAJYALAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	Ch. Rajyalakshmi
24	17AJ1A0427	CHITLURI GOPI CHAND	B.TECH(ECE)_II <sup>nd</sup> YEAR	CH. Gopichand
25	17AJ1A0428	CHUKKA SAMEENA	B.TECH(ECE)_II <sup>nd</sup> YEAR	Ch. Sameena
26	17AJ1A0429	CHUKKAPALLI SIVA SANKAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	C. siva sankar
27	17AJ1A0430	DESALANKA RAMYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	D. Ramya
28	17AJ1A0431	DEVARAPALLI SWAPNASRI	B.TECH(ECE)_II <sup>nd</sup> YEAR	D. swapnasi
29	17AJ1A0432	DEVIREDDY PRAVALLIKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	D. Pravallika
30	17AJ1A0433	DIRISALA NIHARIKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	D. Niharika



31	17AJ1A0434	DUDDYALA MOUNIKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	D. Mounika
32	17AJ1A0435	DURU RANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	D. Rani
33	17AJ1A0436	ELAPROLU RAMYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	E. Ranya
34	17AJ1A0437	GHANTA NAGARAMYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	G. Nagaramya
35	17AJ1A0438	GOLLAMUDI HARI HARA VENKATA KRISHNA RAO	B.TECH(ECE)_II <sup>nd</sup> YEAR	G. H. H. V. Krishna rao
36	17AJ1A0439	GONDELA SAMPATH KUMAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	G. Sampath Kumar
37	17AJ1A0440	GOTTAM NARENDRA	B.TECH(ECE)_II <sup>nd</sup> YEAR	G. Narendra
38	17AJ1A0441	GUDE DHANA LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	G. Dhana Lakshmi
39	17AJ1A0442	GUDE PAVAN KUMAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	G. Pavan Kumar
40	17AJ1A0443	GUNDABATHINA BHARATH TEJA	B.TECH(ECE)_II <sup>nd</sup> YEAR	G. Bharath teja
41	17AJ1A0444	JAKKA HARSHITHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	J. Harshitha
42	17AJ1A0445	JAMPALA BHAVYA SAI SREE	B.TECH(ECE)_II <sup>nd</sup> YEAR	J. B. Sai Sri
43	17AJ1A0446	JANGALA SRI LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	J. Sri Lakshmi
44	17AJ1A0447	JANGARLA KALYANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	J. Kalyani
45	17AJ1A0448	JARUGU NAGA PRASANNA	B.TECH(ECE)_II <sup>nd</sup> YEAR	J. Naga Pr
46	17AJ1A0449	JONNA DEVI PRIYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	J. Devi Priya
47	17AJ1A0450	JUPALLI RATNA DEEPIKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	J. Ratna Deepika
48	17AJ1A0451	KAJA VASAVI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Vasavi
49	17AJ1A0452	KAKARLA SAI CHARAN TEJA	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. S. Charan teja
50	17AJ1A0453	KAMINENI VINEETHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Vineetha
51	17AJ1A0454	KANCHARLA VIJAY	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Vijay
52	17AJ1A0455	KANNETI PRATHIBHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	Prathibha
53	17AJ1A0456	KANTHETI GIRIDHAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Giridhar
54	17AJ1A0457	KANYADHARA SIVANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Sivani
55	17AJ1A0458	KASU VENKATA REDDY	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. V. Reddy
56	17AJ1A0459	KOLLI VASAVI CHOWDARY	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Vasavi
57	17AJ1A0460	KOLLU UMA MAHESH	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Uma
58	17AJ1A0461	KOLNATI SAI KRISHNA	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Sai Krishna
59	17AJ1A0462	KOMATI DURGA BHAVANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Durga Bhavani
60	17AJ1A0463	KOMMISSETTI SRAVANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Sravani
61	17AJ1A0464	KOMMURU VENKATA SRINIDITHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Venkata Sriniditha
62	17AJ1A0465	KONA LOKANADH VENKATA KRISHNA SAI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. L. V. Krishna Sai
63	17AJ1A0467	KORIVI BHAVANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Bhavani
64	17AJ1A0468	KORLAPATI NAVYA SRI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Navya Sri



		CHARITHA		
65	17AJIA0469	KOSURU PREM CHAND	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Prem Chand
66	17AJIA0470	KUCHU SAI TEJA	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Sai Teja
67	17AJIA0471	KUKKALA SWETHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Swetha
68	17AJIA0472	KUMBHA DURGA BHAVANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. D. Bhavani
69	17AJIA0473	KUNTAMUKKALA LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	K. Lakshmi
70	17AJIA0474	LANKA PAVAN KUMAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	L. Pavan Kumar
71	17AJIA0475	LANKE DEEPTHI	B.TECH(ECE)_II <sup>nd</sup> YEAR	L. DEEPTHI
72	17AJIA0476	LELLA NAGA TEJA SRI	B.TECH(ECE)_II <sup>nd</sup> YEAR	L. N. T. Sri
73	17AJIA0477	MADALA UDAY SAI RAM	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Uday
74	17AJIA0478	MADAPATI ASWINI	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Aswini
75	17AJIA0479	MADDINENI LAVANYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Lavanya
76	17AJIA0480	MADDINENI SRI LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Sri Lakshmi
77	17AJIA0481	MADIVADA ADITYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Aditya
78	17AJIA0482	MADIVADA VIJAY KRISHNA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Krishna
79	17AJIA0483	MAGANTI NAVYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Navya
80	17AJIA0484	MAKKENA JYOTHI VASUNDHARA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Jyothi
81	17AJIA0485	MALINENI RAVINDRA BABU	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Ravindra Babu
82	17AJIA0486	MANAM GURUBABU	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Gurubabu
83	17AJIA0487	MANCHELLA VYSHNAVI	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Vyshnavi
84	17AJIA0488	MANDADAPU NAVYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Navya
85	17AJIA0489	MANDADAPU PRAVALIKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Pravalika
86	17AJIA0490	MANGISETTI TRIVENI	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Triveni
87	17AJIA0491	MANNE NARMADA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Narmada
88	17AJIA0492	MARKAPUDI BYULA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Byula
89	17AJIA0493	MARRI JANAKI	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Janaki
90	17AJIA0494	METTA DURGA VENKATA SAI RAM	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Ram
91	17AJIA0495	MIRIYALA CHANDINI	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Chandini
92	17AJIA0496	MOGAL RESHMA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Reshma
93	17AJIA0498	MUNDRU SAI DIVYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Sai Divya
94	17AJIA04A0	MUVVA RAM GOPAL	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. Ram gopal
95	17AJIA04A1	MYLAVARAPU MADHUSRI	B.TECH(ECE)_II <sup>nd</sup> YEAR	M. madhusri
96	17AJIA04A2	NAGALLA SRI HARI	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Sri Hari
97	17AJIA04A3	NAIDU RAVALI	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Ravalali
98	17AJIA04A4	NALAM SAI LAKSHMI KAVYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. S. L. k.
99	17AJIA04A5	NALLANI SWARUPA RANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. S. Rani


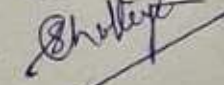


100	17AJ1A04A6	NALLANI TRIVENI	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Triveni
101	17AJ1A04A7	NANDAM RAMESH	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Ramesh
102	17AJ1A04A8	NANDRU BLESSY KRISHNA	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Blessy Krishna
103	17AJ1A04A9	NANNAPANENI DURGA PRASAD	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Durga Prasad
104	17AJ1A04B0	NEDAMANENI NAVYA SRI	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Navya Sri
105	17AJ1A04B1	NIPPULAPALLI VIJAYALAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. V. Lakshmi
106	17AJ1A04B2	NOMULA NAGA ANUSHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Naga Anusha
107	17AJ1A04B3	OBBIREDDY LAKSHMI PRASANNA	B.TECH(ECE)_II <sup>nd</sup> YEAR	O. Lakshmi Prasanma
108	17AJ1A04B5	PANDALA MOHAN RAO	B.TECH(ECE)_II <sup>nd</sup> YEAR	P. Mohan Rao
109	17AJ1A04B6	PASUPULETI BHAGYA SRI	B.TECH(ECE)_II <sup>nd</sup> YEAR	P. Bhagya Sri
110	17AJ1A04B7	PATHURI PRIYANKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	P. Priyanka
111	17AJ1A04B8	PATRA JAYAPAL	B.TECH(ECE)_II <sup>nd</sup> YEAR	P. Jayapal
112	17AJ1A04B9	PEDDAPATI NAGENDRA BABU	B.TECH(ECE)_II <sup>nd</sup> YEAR	P. Nagendra
113	17AJ1A04C0	PILLALAMARRI GNANA SUPRIYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	P. Supriya
114	17AJ1A04C1	PITTU VINAYKUMAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	P. VINAYKUMAR
115	17AJ1A04C2	PULLAMBAKU PAVANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	P. PAVANI
116	17AJ1A04C3	RACHAKONDA SIVA KRISHNA	B.TECH(ECE)_II <sup>nd</sup> YEAR	R. SIVA KRISHNA
117	17AJ1A04C4	RAGAVARAPU MANIKANTA	B.TECH(ECE)_II <sup>nd</sup> YEAR	R. Mani Kan
118	17AJ1A04C5	RAMISETTY HARI PRIYANKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	R. Hari
119	17AJ1A04C6	RAVULA VENKATA DURGA	B.TECH(ECE)_II <sup>nd</sup> YEAR	R. V. Duraga
120	17AJ1A04C7	RUDRAPATY HAVEELA SELVA RANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	R. S. Rani
121	17AJ1A04C8	SALEELA KAVYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Kavya
122	17AJ1A04C9	SAMUDRALA LAKSHMI HIMA BINDU	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Hirma
123	17AJ1A04D0	SANGANI SNEHA SAI	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Sai
124	17AJ1A04D1	SEELAMNENI SUNIL KUMAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Sunil
125	17AJ1A04D2	SHAIK AYESHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Ayesha
126	17AJ1A04D3	SHAIK FARZANA	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Farzana
127	17AJ1A04D4	SHAIK HASEENA	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Haseena
128	17AJ1A04D5	SHAIK JANI AHAMAD	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Jani
129	17AJ1A04D6	SHAIK JOHN BASHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. John
130	17AJ1A04D7	SHAIK MAHMAD RAFI	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Rafi
131	17AJ1A04D8	SHAIK MOHAMMAD HUSSAIN	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. M. Hussain
132	17AJ1A04D9	SHAIK MUBEENA	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Mubeena
133	17AJ1A04E0	SHAIK NAGUL SHAREEF	B.TECH(ECE)_II <sup>nd</sup> YEAR	SK. N. Shareef
134	17AJ1A04E1	SHAIK SHAKEERA	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. shakeera
135	17AJ1A04E3	SHAIK SUBHANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. subhani
136	17AJ1A04E4	SHANMUGA SRINIVAS NAINAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Srinivas
137	17AJ1A04E5	SOMARAJU SAI NAVEEN	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Sai
138	17AJ1A04E7	SYED RIYAZ AHMED	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Riyaz



139	17AJ1A04E8	TANNIRU BHARGAVA SAI	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Shashi
140	17AJ1A04E9	TATA HEMA SIVA SAI	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Siva
141	17AJ1A04F0	THATI KOKILA	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Kokila
142	17AJ1A04F1	THOTA MAHALAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Lakshmi
143	17AJ1A04F2	TUMMALACHARLA YAMINI POORNA LAKSHMI	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Lakshmi
144	17AJ1A04F3	TUMMALAPALLI VIKITHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Vikitha
145	17AJ1A04F4	TUMMU UDAYA BHANU	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Bhanu
146	17AJ1A04F5	TUNGAM PRAMFELA	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Pramela
147	17AJ1A04F6	UGGAM YAMINI DURGA	B.TECH(ECE)_II <sup>nd</sup> YEAR	U. Durga
148	17AJ1A04F7	VADDE VASANTHA MEGHANA	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Vasantha
149	17AJ1A04F8	VALLAPUNENI NAVEEN BABU	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Naveen
150	17AJ1A04F9	VALLURI LAKSHMIPRIYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Lakshmi Priya
151	17AJ1A04G0	VALLURUPALLI NAGA VENKATA RUSHMITHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Rushmitha
152	17AJ1A04G1	VARIKUTI SANDHYA	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Sandhya
153	17AJ1A04G2	VASIREDDY VISHVA DIVYA RUPINI	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Vishva
154	17AJ1A04G3	VELAGA VENKATA PRAVALLIKA	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Venkata
155	17AJ1A04G4	VEMAVARAPU BHAVYA SREE	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Bhavya
156	17AJ1A04G5	VEMPARALA ANIL KUMAR	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Anil Kumar
157	17AJ1A04G6	VEMULA MAHESH	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Mahesh
158	17AJ1A04G7	VONTIPULI RANI SAMYUKTHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Samyuktha
159	17AJ1A04G8	YADLA PAVANI	B.TECH(ECE)_II <sup>nd</sup> YEAR	Y. Pavani
160	17AJ1A04G9	YARAMASA PRAGATHI	B.TECH(ECE)_II <sup>nd</sup> YEAR	Y. Pragathi
161	17AJ1A04H0	YARAMASA SNEHA	B.TECH(ECE)_II <sup>nd</sup> YEAR	Y. Sneha
162	17AJ1A04H1	YARAMASA VENKATA TEJESH	B.TECH(ECE)_II <sup>nd</sup> YEAR	Y. V. Tejesh
163	17AJ1A04H2	YASALAPUDI NAVA SRAVANTHI	B.TECH(ECE)_II <sup>nd</sup> YEAR	Y. N. Sravanthi
164	17AJ1A04H3	YEGITI VENKATESWARLU	B.TECH(ECE)_II <sup>nd</sup> YEAR	Y. Venki
165	18AJ5A0401	ADIMULAM SRIKANTH	B.TECH(ECE)_II <sup>nd</sup> YEAR	A. Srikanth
166	18AJ5A0402	GOGULAMUDI THANMAYEE JYOTHSNA	B.TECH(ECE)_II <sup>nd</sup> YEAR	G. Jyothsna
167	18AJ5A0403	NUTHAKKI RAJESWARI	B.TECH(ECE)_II <sup>nd</sup> YEAR	N. Rajeswari
168	18AJ5A0404	SYED RIZWANA	B.TECH(ECE)_II <sup>nd</sup> YEAR	S. Rizwana
169	18AJ5A0405	VADAPALLI NAGA JYOTHI	B.TECH(ECE)_II <sup>nd</sup> YEAR	V. Jyothi
170	18AJ5A0406	AMARLA MANIKANTA	B.TECH(ECE)_II <sup>nd</sup> YEAR	A. Manikanta
171	18AJ5A0407	PIDIKITI TEJSREE	B.TECH(ECE)_II <sup>nd</sup> YEAR	T. Tejsree

Signature of the Coordinators

- 
- 

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





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

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



**DAY- WISE ATTENDANCE SHEET**

Name of Program- "PCB DESIGN"

Sl. No	Roll No	Name of the Student	D-1	D-2	D-3	D-4	D-5	D-6
1	15AJ1A0476	NADAKUDURU HARIKA LAKSHMI BHAVANA	A	A	A	A	A	A
2	17AJ1A0403	AINAVARAPU KAVITHA DEVI	A. N. Devi	A. N. Devi	A. N. Devi	A. K. Devi	A. N. Devi	A. K. Devi
3	17AJ1A0404	AKINA SUMANA SRI	A. Sumana Sri	A. Sumana Sri	A. Sumana Sri	A. Sumana Sri	A. Sumana Sri	A. Sumana Sri
4	17AJ1A0405	AKULA JYOTHI	A. Jyothi	A. Jyothi	A. Jyothi	A. Jyothi	A. Jyothi	A. Jyothi
5	17AJ1A0406	AKULA TULASI LAKSHMI	A. Tulasi Lakshmi	A. Tulasi Lakshmi	A. Tulasi Lakshmi	A. Tulasi Lakshmi	A. Tulasi Lakshmi	A. Tulasi Lakshmi
6	17AJ1A0407	AKURATHI NAGA LAKSHMI	A. Naga Lakshmi	A. Naga Lakshmi	A. Naga Lakshmi	A. Naga Lakshmi	A. Naga Lakshmi	A. Naga Lakshmi
7	17AJ1A0408	ANANTHA HARIKA	A. Anantha Harika	A. Anantha Harika	A. Anantha Harika	A	A. Anantha Harika	A
8	17AJ1A0409	ARIGE HIMA BINDU	A. Hima Bindu	A. Hima Bindu	A. Hima Bindu	A. Hima Bindu	A. Hima Bindu	A. Hima Bindu
9	17AJ1A0410	BALLEM SRILAKSHMI	B. Sri Lakshmi	B. Sri Lakshmi	B. Sri Lakshmi	B. Sri Lakshmi	B. Sri Lakshmi	B. Sri Lakshmi
10	17AJ1A0411	BANDARU JHANSI	B. Jhansi	B. Jhansi	B. Jhansi	B. Jhansi	B. Jhansi	B. Jhansi
11	17AJ1A0412	BANDI SRIKANTH	B. Srikanth	B. Srikanth	B. Srikanth	B. Srikanth	B. Srikanth	B. Srikanth
12	17AJ1A0414	BELLAMKONDA SUSHMA	B. Sushma	B. Sushma	B. Sushma	B. Sushma	B. Sushma	B. Sushma
13	17AJ1A0415	BHAGYASRI JANJANAM	B. Bhagya Sri Janjanam	B. Bhagya Sri Janjanam	B. Bhagya Sri Janjanam	B. Bhagya Sri Janjanam	B. Bhagya Sri Janjanam	B. Bhagya Sri Janjanam
14	17AJ1A0416	BODEDLA BHAGYA LAKSHMI	B. Bhagya Lakshmi	B. Bhagya Lakshmi	B. Bhagya Lakshmi	B. Bhagya Lakshmi	B. Bhagya Lakshmi	B. Bhagya Lakshmi
15	17AJ1A0417	BOGGAVARAPU SATYA SATHYAKI	Satya Sathyaki	Satya Sathyaki	Satya Sathyaki	Satya Sathyaki	Satya Sathyaki	Satya Sathyaki
16	17AJ1A0418	BOJADLA LAKSHIMAN	A	h	h	h	h	h







39	17AJ1A0442	GUDE PAVAN KUMAR	G. Pavan kumar	G. Pavan kumar	G. Pavan kumar	G. Pavan kumar	G. Pavan kumar	G. Pavan kumar
40	17AJ1A0443	GUNDABATHINA BHARATH TEJA	G. Bh rath	G. Bh rath	G. Bh rat	G. Bh rat	G. Bh rat	G. Bh rat
41	17AJ1A0444	JAKKA HARSHITHA	J. Har sha	J. Har sha	J. Har sha	J. Har sha	J. Har sha	J. Har sha
42	17AJ1A0445	JAMPALA BHAVYA SAI SREE	J. Sai sri	A	J. Sai sri	J. Sai sri	A	J. Sai sri
43	17AJ1A0446	JANGALA SRI LAKSHMI	J. Sri laksh	J. Sri laksh	J. Sri laksh	J. Sri laksh	J. Sri laksh	J. Sri laksh
44	17AJ1A0447	JANGARLA KALYANI	J. Kal yani	J. Kal yani	J. Kal yani	J. Kal yani	J. Kal yani	J. Kal yani
45	17AJ1A0448	JARUGU NAGA PRASANNA	J. Naga prasa	J. Naga prasa	J. Naga prasa	J. Naga prasa	J. Naga prasa	J. Naga prasa
46	17AJ1A0449	JONNA DEVI PRIYA	J. Devi Priya	J. Devi Priya	J. Devi Priya	J. Devi Priya	J. Devi Priya	J. Devi Priya
47	17AJ1A0450	JUPALLI RATNA DEEPIKA	J. Ratna Deepika	J. Ratna Deepika	J. Ratna Deepika	J. Ratna Deepika	J. Ratna Deepika	J. Ratna Deepika
48	17AJ1A0451	KAJA VASAVI	K. Vas avi	K. Vas avi	K. Vas avi	A	K. Vas avi	K. Vas avi
49	17AJ1A0452	KAKARLA SAI CHARAN TEJA	K. Sai charan	K. Sai charan	K. Sai charan	K. Sai charan	K. Sai charan	K. Sai charan
50	17AJ1A0453	KAMINENI VINEETHA	K. Vine etha	K. Vine etha	K. Vine etha	K. Vine etha	K. Vine etha	K. Vine etha
51	17AJ1A0454	KANCHARLA VIJAY	K. Vi jay	A	K. Vi jay	K. Vi jay	K. Vi jay	K. Vi jay
52	17AJ1A0455	KANNETI PRATHIBHA	K. Pra thibha	K. Pra thibha	K. Pra thibha	K. Pra thibha	K. Pra thibha	K. Pra thibha
53	17AJ1A0456	KANTHETI GIRIDHAR	K. Giri dhar	K. Giri dhar	A	K. Giri dhar	K. Giri dhar	K. Giri dhar
54	17AJ1A0457	KANYADHARA SIVANI	K. Siva dhara	K. Siva dhara	A	K. Siva dhara	K. Siva dhara	K. Siva dhara
55	17AJ1A0458	KASU VENKATA REDDY	K. Ven katar	K. Ven katar	K. Ven katar	K. Ven katar	K. Ven katar	K. Ven katar
56	17AJ1A0459	KOLLI VASAVI CHOWDARY	K. Vas avi	K. Vas avi	K. Vas avi	K. Vas avi	K. Vas avi	K. Vas avi
57	17AJ1A0460	KOLLU UMA MAHESH	K. Uma mahesh	K. Uma mahesh	K. Uma mahesh	K. Uma mahesh	K. Uma mahesh	K. Uma mahesh
58	17AJ1A0461	KOLNATI SAI KRISHNA	K. Sai krishna	K. Sai krishna	K. Sai krishna	K. Sai krishna	K. Sai krishna	K. Sai krishna
59	17AJ1A0462	KOMATI DURGA BHAVANI	K. Durga bhavani	K. Durga bhavani	K. Durga bhavani	K. Durga bhavani	K. Durga bhavani	K. Durga bhavani
60	17AJ1A0463	KOMMISSETTI SRAVANI	A	A	K. Sra vani	K. Sra vani	K. Sra vani	K. Sra vani
61	17AJ1A0464	KOMMURU VENKATA SRINIDITHA	K. Sri niditha	K. Sri niditha	K. Sri niditha	K. Sri niditha	K. S niditha	K. Sri niditha



62	17AJ1A0465	KONA LOKANADH VENKATA KRISHNA SAI	k-sai	k-sai	k-sai	k-sai	k-sai	k-sai
63	17AJ1A0467	KORIVI BHAVANI	<del>kori</del>	<del>kor</del>	<del>kori</del>	<del>kor</del>	<del>kor</del>	<del>kor</del>
64	17AJ1A0468	KORLAPATI NAVYA SRI CHARITHA	Korlapati	Korlapati	Korlapati	Korlapati	Korlapati	Korlapati
65	17AJ1A0469	KOSURU PREM CHAND	Kosuru	Kosuru	Kosuru	Kosuru	A	Kosuru
66	17AJ1A0470	KUCHU SAI TEJA	Kuchusa	A	Kuchusa	Kuchusa	Kuchusa	Kuchusa
67	17AJ1A0471	KUKKALA SWETHA	Kukkala	Kukkala	Kukkala	Kukkala	Kukkala	Kukkala
68	17AJ1A0472	KUMBHA DURGA BHAVANI	k-bh	k-bh	A	k-bh	k-bh	k-bh
69	17AJ1A0473	KUNTAMUKKALA LAKSHMI	k-lak	k-lak	k-lak	k-lak	k-lak	k-lak
70	17AJ1A0474	LANKA PAVAN KUMAR	L-ku	L-ku	L-ku	L-ku	L-ku	L-ku
71	17AJ1A0475	LANKE DEEPTHI	L-de	L-de	L-de	L-de	L-de	L-de
72	17AJ1A0476	LELLA NAGA TEJA SRI	L-naga	L-naga	L-naga	L-naga	L-naga	L-naga
73	17AJ1A0477	MADALA UDAY SAI RAM	M-uday	M-uday	M-uday	M-uday	M-uday	M-uday
74	17AJ1A0478	MADAPATI ASWINI	M-aswini	M-aswini	M-aswini	M-aswini	A	A
75	17AJ1A0479	MADDINENI LAVANYA	M-lavanya	M-lavanya	M-lavanya	M-lavanya	M-lavanya	M-lavanya
76	17AJ1A0480	MADDINENI SRI LAKSHMI	M-sri	M-sri	M-sri	M-sri	M-sri	M-sri
77	17AJ1A0481	MADIVADA ADITYA	M-aditya	M-aditya	M-aditya	M-aditya	M-aditya	M-aditya
78	17AJ1A0482	MADIVADA VIJAY KRISHNA	M-vijay	M-vijay	M-vijay	M-vijay	M-vijay	M-vijay
79	17AJ1A0483	MAGANTI NAVYA	A	A	M-navya	M-navya	M-navya	M-navya
80	17AJ1A0484	MAKKENA JYOTHI VASUNDHARA	M-jyothi	M-jyothi	M-jyothi	M-jyothi	M-jyothi	M-jyothi
81	17AJ1A0485	MALINENI RAVINDRA BABU	M-ravindra	M-ravindra	M-ravindra	M-ravindra	M-ravindra	M-ravindra
82	17AJ1A0486	MANAM GURUBABU	M-gurubabu	M-gurubabu	M-gurubabu	M-gurubabu	M-gurubabu	M-gurubabu
83	17AJ1A0487	MANCHELLA VYSHNAVI	M-vyshnavi	M-vyshnavi	M-vyshnavi	M-vyshnavi	M-vyshnavi	M-vyshnavi
84	17AJ1A0488	MANDADAPU NAVYA	M-navya	M-navya	M-navya	M-navya	M-navya	M-navya







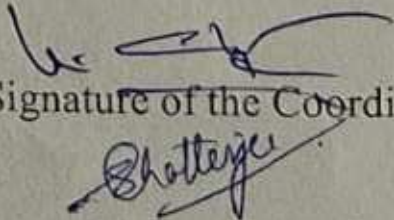
109	17AJ1A04B6	PASUPULETI BHAGYA SRI	PSP	Psb	Ptk	Pr	Pr	Pse
110	17AJ1A04B7	PATHURI PRIYANKA	Pp	Pp	Pp	Pp	Pp	Pp
111	17AJ1A04B8	PATRA JAYAPAL	Pp	Pp	Pp	Pp	Pp	Pp
112	17AJ1A04B9	PEDDAPATI NAGENDRA BABU	Pp	Pp	Pp	Pp	Pp	Pp
113	17AJ1A04C0	PILLALAMARRI GNANA SUPRIYA	Pse	Pse	Pse	Pse	Pse	Pse
114	17AJ1A04C1	PITTU VINAYKUMAR	Pvina	Pvina	Pvina	Pvina	Pvina	Pvina
115	17AJ1A04C2	PULLAMBAKU PAVANI	P. Pavani	P. Pavani	P. Pavani	P. Pavani	P. Pavani	P. Pavani
116	17AJ1A04C3	RACHAKONDA SIVA KRISHNA	R. Siva	R. Siva	R. Siva	A	R. Siva	A
117	17AJ1A04C4	RAGAVARAPU MANIKANTA	mani	mani	mani	mani	mani	mani
118	17AJ1A04C5	RAMISETTY HARI PRIYANKA	R. Priya	R. Priya	R. Priya	R. Priya	R. Priya	R. Priya
119	17AJ1A04C6	RAVULA VENKATA DURGA	r. v. d.	r. v. d.	r. v. d.	r. v. d.	r. v. d.	r. v. d.
120	17AJ1A04C7	RUDRAPATY HAVEELA SELVA RANI	R. Rani	R. Rani	A	R. Rani	R. Rani	R. Rani
121	17AJ1A04C8	SALEELA KAVYA	S. Kavya	S. Kavya	S. Kavya	S. Kavya	S. Kavya	S. Kavya
122	17AJ1A04C9	SAMUDRALA LAKSHMI HIMA BINDU	S. Lakshmi	S. Lakshmi	S. Lakshmi	S. Lakshmi	S. Lakshmi	S. Lakshmi
123	17AJ1A04D0	SANGANI SNEHA SAI	S. Sai	S. Sai	S. Sai	S. Sai	S. Sai	S. Sai
124	17AJ1A04D1	SEELAMNENI SUNIL KUMAR	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
125	17AJ1A04D2	SHAIK AYESHA	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha
126	17AJ1A04D3	SHAIK FARZANA	Farzana	Farzana	Farzana	Farzana	Farzana	Farzana
127	17AJ1A04D4	SHAIK HASEENA	Haseena	Haseena	Haseena	Haseena	Haseena	Haseena
128	17AJ1A04D5	SHAIK JANI AHAMAD	S. Jani	S. Jani	S. Jani	S. Jani	S. Jani	S. Jani
129	17AJ1A04D6	SHAIK JOHN BASHA	S. John	S. John	S. John	S. John	S. John	S. John
130	17AJ1A04D7	SHAIK MAHMAD RAFI	S. Rafi	S. Rafi	S. Rafi	S. Rafi	S. Rafi	S. Rafi
131	17AJ1A04D8	SHAIK MOHAMMAD HUSSAIN	S. Hussain	S. Hussain	S. Hussain	S. Hussain	S. Hussain	S. Hussain
132	17AJ1A04D9	SHAIK MUBEENA	S. Mubeena	S. Mubeena	S. Mubeena	S. Mubeena	S. Mubeena	S. Mubeena
133	17AJ1A04E0	SHAIK NAGUL SHAREEF	S. Nagul	S. Nagul	S. Nagul	S. Nagul	S. Nagul	S. Nagul



134	17AJ1A04E1	SHAIK SHAKEERA	Shakeera	Shakeera	Shakeera	Shakeera	Shakeera	Shakeera
135	17AJ1A04E3	SHAIK SUBHANI	Subhani	Subhani	Subhani	Subhani	Subhani	Subhani
136	17AJ1A04E4	SHANMUGA SRINIVAS NAINAR	Srinu	Srinu	Srinu	Srinu	Srinu	Srinu
137	17AJ1A04E5	SOMARAJU SAI NAVFEN	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
138	17AJ1A04E7	SYED RIYAZ AHMED	Ahmed	Ahmed	Ahmed	Ahmed	Ahmed	Ahmed
139	17AJ1A04E8	TANNIRU BHARGAVA SAI	T.Sai	T.Sai	T.Sai	T.Sai	T.Sai	T.Sai
140	17AJ1A04E9	TATA HEMA SIVA SAI	Siva Sai	Siva Sai	Siva Sai	Siva Sai	Siva Sai	Siva Sai
141	17AJ1A04F0	THATI KOKILA	Kokila	Kokila	Kokila	Kokila	Kokila	Kokila
142	17AJ1A04F1	THOTA MAHALAKSHMI	Mahalakshmi	Mahalakshmi	Mahalakshmi	Mahalakshmi	Mahalakshmi	Mahalakshmi
143	17AJ1A04F2	TUMMALACHARLA YAMINI POORNA LAKSHMI	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi	Lakshmi
144	17AJ1A04F3	TUMMALAPALLI VIKITHA	Vikitha	Vikitha	Vikitha	Vikitha	Vikitha	Vikitha
145	17AJ1A04F4	TUMU UDAYA BHANU	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu
146	17AJ1A04F5	TUNGAM PRAMEELA	Prameela	Prameela	Prameela	Prameela	Prameela	Prameela
147	17AJ1A04F6	UGGAM YAMINI DURGA	Durga	Durga	Durga	Durga	Durga	Durga
148	17AJ1A04F7	VADDE VASANTHA MEGHANA	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana
149	17AJ1A04F8	VALLAPUNENI NAVEEN BABU	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
150	17AJ1A04F9	VALLURI LAKSHMIPRIYA	Lakshmi Priya	Lakshmi Priya	Lakshmi Priya	Lakshmi Priya	Lakshmi Priya	Lakshmi Priya
151	17AJ1A04G0	VALLURUPALLI NAGA VENKATA RUSHMITHA	Rushmitha	Rushmitha	Rushmitha	Rushmitha	Rushmitha	Rushmitha
152	17AJ1A04G1	VARIKUTI SANDHYA	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
153	17AJ1A04G2	VASIREDDY VISHWA DIVYA RUPINI	Rupini	Rupini	Rupini	Rupini	Rupini	Rupini
154	17AJ1A04G3	VELAGA VENKATA PRAVALLIKA	Pravallika	Pravallika	Pravallika	Pravallika	Pravallika	Pravallika
155	17AJ1A04G4	VEMAVARAPU BHAVYA SREE	Bhavya Sree	Bhavya Sree	Bhavya Sree	Bhavya Sree	Bhavya Sree	Bhavya Sree
156	17AJ1A04G5	VEMPARALA ANIL KUMAR	Anil Kumar	Anil Kumar	Anil Kumar	Anil Kumar	Anil Kumar	Anil Kumar
157	17AJ1A04G6	VEMULA MAHESH	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh
158	17AJ1A04G7	VONTIPULI RANI SAMYUKTHA	Rani Samyuktha	Rani Samyuktha	Rani Samyuktha	Rani Samyuktha	Rani Samyuktha	Rani Samyuktha
159	17AJ1A04G8	YADLA PAVANI	Pavani	Pavani	Pavani	Pavani	Pavani	Pavani
160	17AJ1A04G9	YARAMASA PRAGATHI	Pragathi	Pragathi	Pragathi	Pragathi	Pragathi	Pragathi



161	17AJ1A04H0	YARAMASA SNEHA	Y. sneha	sneha	sneha	sneha	sneha	sneha	sneha
162	17AJ1A04H1	YARAMASA VENKATA TEJESH	y. Tejesh	Tejesh	Tejesh	Tejesh	Tejesh	Tejesh	Tejesh
163	17AJ1A04H2	YASALAPUDI NAVA SRAVANTHI	Y. NAVA SRAVANTHI	NAVA SRAVANTHI	NAVA SRAVANTHI	NAVA SRAVANTHI	NAVA SRAVANTHI	NAVA SRAVANTHI	NAVA SRAVANTHI
164	17AJ1A04H3	YEGITI VENKATESWARLU	Y. Venk	Venk	Venk	Venk	Venk	Venk	Venk
165	18AJ5A0401	ADIMULAM SRIKANTH	ASRI	ASRI	ASRI	ASRI	ASRI	ASRI	ASRI
166	18AJ5A0402	GOGULAMUDI THANMAYEE JYOTHSNA	G.T. Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna	Jyotsna
167	18AJ5A0403	NUTHAKKI RAJESWARI	N. Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari
168	18AJ5A0404	SYED RIZWANA	S. Rizwana	Rizwana	Rizwana	Rizwana	Rizwana	Rizwana	Rizwana
169	18AJ5A0405	VADAPALLI NAGA JYOTHI	V. Naga Jyothi	Naga Jyothi	Naga Jyothi	Naga Jyothi	Naga Jyothi	Naga Jyothi	Naga Jyothi
170	18AJ5A0406	AMARLA MANIKANTA	A. Mani	Mani	Mani	Mani	Mani	Mani	Mani
171	18AJ5A0407	PIDIKITI TEJSREE	P. Tejsree	Tejsree	Tejsree	Tejsree	Tejsree	Tejsree	Tejsree

Signature of the Coordinators  


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









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(AUTONOMOUS)**

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



**DEPARTMENT OF MECHANICAL ENGINEERING**

Dt: 10-08-2018

**CIRCULAR**

This is to inform that the Department of Mechanical Engineering is conducting two weeks Value Added Course of "**Modelling and Simulation in Manufacturing**" for benefit of IV B. Tech students from 20-08-2018 to 1-09-2018. All the students shall give their names to coordinator listed below on or before 17-08-2018. 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**,

Asst. Professor,

Mechanical Engineering Department.

Signature of All HODs					IQAC	OFFICE	LIBRARY

MECH HOD

HEAD OF THE DEPT OF  
Mechanical Engineering  
Amrita SAI Institute of Science and Technology  
Paritala - Dist: Krishna, Andhra Pradesh

**Copy to:**

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





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



## DEPARTMENT OF MECHANICAL ENGINEERING

### Week/Day-Wise Course Schedule

Name of the Program: Two week's Value Added Course on "Modelling and Simulation in Manufacturing"

S.No	Day	Date	Topics To Be --Covered
1	MONDAY	20/08/2018	• Introduction of Modelling and Simulation in Manufacturing
2	TUESDAY	21/08/2018	• Simulation in manufacturing: Introduction to manufacturing: Recent advancements in manufacturing
3	WEDNESDAY	22/08/2018	• Classification, Importance of simulation in manufacturing, Simulation Tools used in manufacturing.
4	THURSDAY	23/08/2018	• Simulation aspects in machining: FE Model development, Meshing, Element selection, Loading and boundary conditions for machining simulation, Thermal analysis in machining, Case studies, Demonstration
5	FRIDAY	24/08/2018	• Simulation aspects in metal forming: Introduction to metal forming, Bulk metal and sheet metal forming
6	SATURDAY	25/08/2018	• Uni-axial deformation simulation, Incremental forming simulation. Simulation in Limit dome height, Ring rolling, tube drawing processes, Demonstration
7	MONDAY	27/08/2018	• Welding Simulation: Introduction to welding simulation, Tools used for welding simulation
8	TUESDAY	28/08/2018	• Boundary conditions and material properties selection, Pre and post processing Weld pool simulation.
9	WEDNESDAY	29/08/2018	• Thermal analysis and distortion simulation in welding: Heat flow in welding, Weld thermal cycle, Temperature measurement in welding
10	THURSDAY	30/08/2018	• Thermal analysis of welding, Thermo-Mechanical analysis, Distortion in weld joints, Prediction of distortion in welding.
11	FRIDAY	31/08/2018	• Role of residual stresses: Residual stresses, Types of residual stresses, Significance of residual stresses, Residual stress formation mechanism, Measurement methods.
12	SATURDAY	01/09/2018	• Residual stresses in various manufacturing processes, Simulation of residual stresses

COORDINATOR

HOD MECH

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

IQAC Coordinator

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



## VALUE ADDED COURSE ON

### “Modelling and Simulation in Manufacturing”

From

20-08-2018 to 1-09-2018

Convener

B PRANEETH ASST. PROFESSOR & HEAD

Organized by

Department of  
MECHANICAL ENGINEERING



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AMRITA SAI

INSTITUTE OF SCIENCE & TECHNOLOGY  
(AUTONOMOUS)

Approved by AICTE New Delhi

Affiliated to JNTU, Kakinada

Paritala, Krishna District-521180(A.P)

ANISO 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:

Simulation is one of the best and most accurate means of achieving optimal forecasting and capacity planning. When parameterizing a simulation model with the current state of a manufacturing process, we can use this model to make more accurate predictions. The model can be used to forecast future factory states.

### Objective of the Course:

- Demonstrate scope of simulation in manufacturing process
- Develop detailed understanding about Finite element analysis and application to manufacturing process.
- Describe residual stress & distortion aspects in manufacturing and its simulation
- Understanding of simulation and application using various packages.

### Certificate:

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

### Course Outcome:

- Understand the concepts of system, modeling and simulation.
- Identify different types of models and simulations including discrete-event and continuous simulation.
- Understand the basic methods for generating random variables and variates.
- Understand the principle of verification and validation and their techniques
- Identify specific industry related examples of modeling and simulation

### Resource person:

Mr. Dr. A. Jawahar Babu,  
Professor, Department of ME  
SR GRC Gudlavalluru

### Program coordinator:

Mr. T. Gopal Rao,  
Asst. Professor,  
Mechanical Engineering  
Department.





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



**DEPARTMENT OF MECHANICAL ENGINEERING**

**PROGRAM REPORT**

**TWO WEEKS VALUE ADDED COURSE ON  
"Modelling and Simulation in Manufacturing"**

*From*

**20-08-2018 to 1-09-2018**

**Resource Person:**

**Mr. Dr. A. Jawahar Babu,**  
Professor, Department of ME,  
SR GRC Gudlavalleru

**Faculty Coordinators:**

Mr. T. Gopal Rao  
Asst. Professor

Number of students attended: 55

Venue: Simulation Lab, MECH Department

The department of Mechanical Engineering is conducting two weeks value added course on "**Modelling and Simulation in Manufacturing**" 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 NDT methods. Totally 55 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:**

- Demonstrate scope of simulation in manufacturing process
- Develop detailed understanding about Finite element analysis and application to manufacturing process.
- Describe residual stress & distortion aspects in manufacturing and its simulation
- Understanding of simulation and application using various packages.



## The topics covered: -

- Introduction of Modelling and Simulation in Manufacturing
- Simulation in manufacturing: Introduction to manufacturing: Recent advancements in manufacturing
- Classification, Importance of simulation in manufacturing, Simulation Tools used in manufacturing.
- Simulation aspects in machining: FE Model development, Meshing, Element selection, Loading and boundary conditions for machining simulation, Thermal analysis in machining, Case studies, Demonstration
- Simulation aspects in metal forming: Introduction to metal forming, Bulk metal and sheet metal forming
- Uni-axial deformation simulation, Incremental forming simulation. Simulation in Limit dome height, Ring rolling, tube drawing processes, Demonstration
- Welding Simulation: Introduction to welding simulation, Tools used for welding simulation
- Boundary conditions and material properties selection, Pre and post processing, Weld pool simulation.
- Thermal analysis and distortion simulation in welding: Heat flow in welding, Weld thermal cycle, Temperature measurement in welding
- Thermal analysis of welding, Thermo-Mechanical analysis, Distortion in weld joints, Prediction of distortion in welding.
- Role of residual stresses: Residual stresses, Types of residual stresses, Significance of residual stresses, Residual stress formation mechanism, Measurement methods.
- Residual stresses in various manufacturing processes, Simulation of residual stresses

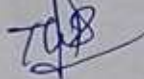
## Outcomes of the program:

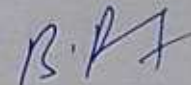
After completing this course a student will be able to:

- Understand the concepts of system, modeling and simulation.
- Identify different types of models and simulations including discrete-event and continuous simulation.
- Understand the basic methods for generating random variables and variates.
- Understand the principle of verification and validation and their techniques
- Identify specific industry related examples of modeling and simulation


### Resource person

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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DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF ENROLLED STUDENTS

Name of Program- "Modelling and Simulation in Manufacturing"

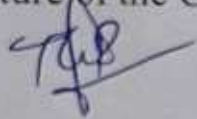
S.No	Regd No	Name of the Student	Year/ Branch
1	15AJ1A0312	CHATLA BABU	B.TECH(MECH)_3 <sup>rd</sup> YEAR
2	16AJ1A0302	BAPATHI BAJI REDDY	B.TECH(MECH)_3 <sup>rd</sup> YEAR
3	16AJ1A0303	BASETTY KESAVA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
4	16AJ1A0304	BOBBURI VAMSI KRISHNA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
5	16AJ1A0305	BUTHUKURI SRINIVASA REDDY	B.TECH(MECH)_3 <sup>rd</sup> YEAR
6	16AJ1A0306	CHIRUMAMILLA DHANUNJAY	B.TECH(MECH)_3 <sup>rd</sup> YEAR
7	16AJ1A0308	GADDE TIRUMALA PRASAD	B.TECH(MECH)_3 <sup>rd</sup> YEAR
8	16AJ1A0309	GONEPALLI KASTURI BABU	B.TECH(MECH)_3 <sup>rd</sup> YEAR
9	16AJ1A0310	GUNDA CHAITANYA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
10	16AJ1A0311	JILLEPALLI VAMSI	B.TECH(MECH)_3 <sup>rd</sup> YEAR
11	16AJ1A0313	MADDU BHARGAV	B.TECH(MECH)_3 <sup>rd</sup> YEAR
12	16AJ1A0314	MANDA SRICHARAN	B.TECH(MECH)_3 <sup>rd</sup> YEAR
13	16AJ1A0315	MANDA VAMSI	B.TECH(MECH)_3 <sup>rd</sup> YEAR
14	16AJ1A0316	MENDYALA CHANDRA SEKHAR	B.TECH(MECH)_3 <sup>rd</sup> YEAR
15	16AJ1A0318	NALLAPU NAVEEN	B.TECH(MECH)_3 <sup>rd</sup> YEAR
16	16AJ1A0319	NANDYALA VEERA REDDY	B.TECH(MECH)_3 <sup>rd</sup> YEAR
17	16AJ1A0321	PIKKI JAGAN	B.TECH(MECH)_3 <sup>rd</sup> YEAR
18	16AJ1A0322	PONGULURI SAIRAM	B.TECH(MECH)_3 <sup>rd</sup> YEAR
19	16AJ1A0323	RAJARAPU GOPI KRISHNA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
20	16AJ1A0325	SAMUDRALA ARAVIND	B.TECH(MECH)_3 <sup>rd</sup> YEAR
21	16AJ1A0326	SHAIK ABDUL RAHEEM	B.TECH(MECH)_3 <sup>rd</sup> YEAR
22	16AJ1A0327	SHAIK FAREED	B.TECH(MECH)_3 <sup>rd</sup> YEAR
23	16AJ1A0328	SHAIK JAAKEER SHAREEF	B.TECH(MECH)_3 <sup>rd</sup> YEAR
24	16AJ1A0329	SHAIK SABEER HUSSAIN	B.TECH(MECH)_3 <sup>rd</sup> YEAR
25	16AJ1A0330	SHAIK SAI SRINIVAS	B.TECH(MECH)_3 <sup>rd</sup> YEAR
26	16AJ1A0331	SHAIK SALEEM	B.TECH(MECH)_3 <sup>rd</sup> YEAR
27	16AJ1A0332	SREERANGAPURI RAMMOHANRAO	B.TECH(MECH)_3 <sup>rd</sup> YEAR
28	16AJ1A0333	SRI ADI NARAYANA REPUDI	B.TECH(MECH)_3 <sup>rd</sup> YEAR
29	16AJ1A0335	TADAPANENI VENKATA RAMANA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
30	16AJ1A0336	TEPPALA BHANUPRAKASH	B.TECH(MECH)_3 <sup>rd</sup> YEAR
31	16AJ1A0339	VADLAMUDI ANILKUMAR	B.TECH(MECH)_3 <sup>rd</sup> YEAR
32	16AJ1A0340	VANAMALA NAGANARASIMHARAO	B.TECH(MECH)_3 <sup>rd</sup> YEAR
33	16AJ1A0341	VEMPARALA ANANTHA VENU	B.TECH(MECH)_3 <sup>rd</sup> YEAR
34	16AJ1A0342	VEMULA GOPALA KRISHNA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
35	16AJ1A0347	MEDA PURNA CHAND	B.TECH(MECH)_3 <sup>rd</sup> YEAR
36	17AJ5A0301	AKULA SRIKANTH	B.TECH(MECH)_3 <sup>rd</sup> YEAR
37	17AJ5A0302	AMBATI SURENDRA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
38	17AJ5A0303	ARISSETTI GOPI KRISHNA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
39	17AJ5A0304	MARTHI BHARGAV PRASAD	B.TECH(MECH)_3 <sup>rd</sup> YEAR
40	17AJ5A0305	GADDALA TEJA	B.TECH(MECH)_3 <sup>rd</sup> YEAR
41	17AJ5A0306	GADHI PANDU RANGA JAYA SURYA PRAKASH	B.TECH(MECH)_3 <sup>rd</sup> YEAR



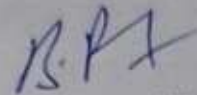
43	17AJ5A0308	JONNALAGADDA VENKATA SURESH	B.TECH(MECH)_3 <sup>rd</sup> YEAR
44	17AJ5A0310	KOTHA VIJAYA SAI VENKATA SUBBA RAO	B.TECH(MECH)_3 <sup>rd</sup> YEAR
45	17AJ5A0311	MANGALAGIRI GOPI	B.TECH(MECH)_3 <sup>rd</sup> YEAR
46	17AJ5A0312	MIDIKONDLA VENU GOPALARAO	B.TECH(MECH)_3 <sup>rd</sup> YEAR
47	17AJ5A0313	NALLAMEKALA ASHOKA CHAKRAVARTHY	B.TECH(MECH)_3 <sup>rd</sup> YEAR
48	17AJ5A0314	NANCHARLA SAIRAM	B.TECH(MECH)_3 <sup>rd</sup> YEAR
49	17AJ5A0315	NANNEBOINA GOPI ANIL	B.TECH(MECH)_3 <sup>rd</sup> YEAR
50	17AJ5A0316	POTU LINGA RAJU	B.TECH(MECH)_3 <sup>rd</sup> YEAR
51	17AJ5A0317	RAYAPUDI HEMANTH KUMAR	B.TECH(MECH)_3 <sup>rd</sup> YEAR
52	17AJ5A0318	SHAIK JAKEER	B.TECH(MECH)_3 <sup>rd</sup> YEAR
53	17AJ5A0319	SHAIK MASTHANVALI	B.TECH(MECH)_3 <sup>rd</sup> YEAR
54	17AJ5A0320	SURE GOPI REDDY	B.TECH(MECH)_3 <sup>rd</sup> YEAR
55	17AJ5A0322	YADDANAPUDI BADRINATH	B.TECH(MECH)_3 <sup>rd</sup> YEAR

Signature of the Coordinators

- 1.
- 2.



Signature of the HOD



Amrita Sai Institute of Science & Technology  
Amrita Sai Nagar, Paritala - 521100



IQAC Coordinator  
Amrita Sai Institute of Science & Technology  
Amrita Sai Nagar, Paritala - 521100





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



**DAY-WISE A TENDENCE SHEET**

Name of Program- "Modelling and Simulation in Manufacturing"

S.NO	REGD NO	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	FEED BACK	SIGNATURE
1	15AJ1A0312	CHATLA BABU	P	P	P	P	P	P	A	P	P	P	P	P	Very good	Ch. Babu
2	16AJ1A0302	BAPATHI BAJI REDDY	P	P	P	A	P	P	P	A	P	P	P	P	good	B. Baji
3	16AJ1A0303	BASETTY KESAVA	P	P	P	P	P	A	P	P	P	P	P	A	good	Kesava
4	16AJ1A0304	BOBBURI VAMSI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	B. V. Krishna
5	16AJ1A0305	BUTHUKURI SRINIVASA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	B. Srinivas
6	16AJ1A0306	CHIRUMAMILLA DHANUNJAY	P	P	P	P	P	A	P	P	P	P	A	P	good	Dhanunjay
7	16AJ1A0308	GADDE TIRUMALA PRASAD	P	P	P	P	P	P	P	A	P	P	P	P	Very good	G. Tirumala
8	16AJ1A0309	GONEPALLI KASTURI BABU	P	P	P	P	P	P	P	P	P	A	P	P	very good	G. Kasturi
9	16AJ1A0310	GUNDA CHAITANYA	P	P	P	P	P	A	P	P	P	P	P	P	very good	G. Chaitanya
10	16AJ1A0311	JILLEPALLI VAMSI	P	P	P	P	A	P	P	P	P	A	P	P	very good	J. Vamsi
11	16AJ1A0313	MADDU BHARGAV	P	P	P	P	P	P	P	P	P	P	P	P	good	M. Bhargava
12	16AJ1A0314	MANDA SRICHARAN	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	M. Sri Charan
13	16AJ1A0315	MANDA VAMSI	P	P	P	P	P	P	P	P	P	P	P	P	good	M. Vamsi
14	16AJ1A0316	MENDYALA CHANDRA SEKHAR	P	P	P	P	P	A	P	P	P	P	P	P	very good	M. Chandra Sekhar
15	16AJ1A0318	NALLAPU NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	very good	N. Naveen
16	16AJ1A0319	NANDYALA VEERA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	good	N. Veera Reddy
17	16AJ1A0321	PIKKI JAGAN	P	P	P	P	P	P	P	P	P	A	P	P	good	P. Jagan
18	16AJ1A0322	PONGULURI SAIRAM	P	P	P	P	A	P	P	P	P	P	P	P	good	P. Sairam
19	16AJ1A0323	RAJARAPU GOPI KRISHNA	P	P	P	P	P	P	P	A	P	P	P	P	Excellent	R. Gopinath
20	16AJ1A0325	SAMUDRALA ARAVIND	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	S. Aravind
21	16AJ1A0326	SHAIK ABDUL RAHEEM	P	P	P	P	P	A	P	P	P	A	P	P	good	Sh. Raheem
22	16AJ1A0327	SHAIK FAREED	P	P	P	P	P	P	P	A	P	P	P	P	very good	Sh. Fareed
23	16AJ1A0328	SHAIK JAAKEER SHAREEF	P	P	P	P	A	P	P	P	P	P	P	P	Very good	Sh. Shareef
24	16AJ1A0329	SHAIK SABEER HUSSAIN	P	P	P	P	P	A	P	P	A	P	P	P	good	Sh. Hussain
25	16AJ1A0330	SHAIK SAI SRINIVAS	P	P	P	P	A	P	P	P	P	P	P	P	Very good	Sh. S. Srinivas
26	16AJ1A0331	SHAIK SALEEM	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Sh. Saleem



27	16AJ1A0332	SREERANGAPURI RAMMOHANRAO	P	P	P	P	A	P	A	P	P	P	P	P	P	P	good	S. R. Rao
28	16AJ1A0333	SRI ADI NARAYANA REPUDI	P	P	P	P	P	A	P	P	P	A	P	P	P	P	good	S. Repudi
29	16AJ1A0335	T. DAPANENI VENKATA RAMANA	P	P	P	P	P	P	P	P	A	P	P	P	P	P	very good	T. Ramana
30	16AJ1A0336	T. P. PALA BHANUPRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	T. Bhanuprakash
31	16AJ1A0339	VADLAMUDI ANILKUMAR	P	P	P	P	A	P	P	P	P	P	A	P	P	P	good	V. Anil
32	16AJ1A0340	VANAMALA NAGANARASIMHARAO	P	P	P	P	P	P	A	P	P	A	P	P	P	P	good	Simha
33	16AJ1A0341	VEMPARALA ANANTHA VENU	P	P	P	P	P	P	A	P	P	P	P	P	P	P	very good	V. Venk
34	16AJ1A0342	VEMULA GOPALA KRISHNA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	very good	V. Gov
35	16AJ1A0347	MEDA PURNA CHAND	P	P	P	P	P	A	P	P	P	P	P	A	P	P	good	Chand
36	17AJ5A0301	AKULA SRIKANTH	P	P	P	P	P	A	P	P	P	P	A	P	P	P	good	A. Srikant
37	17AJ5A0302	AMBATI SURENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	A. Surendra
38	17AJ5A0303	ARISSETTI GOPI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	A. Suresh
39	17AJ5A0304	MARTHI BHARGAV PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	good	M. Prasad
40	17AJ5A0305	GADDALA TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	good	G. Teja
41	17AJ5A0306	GADHI PANDU RANGA JAYA SURYA PRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	Surya
42	17AJ5A0307	JONNALA KARTHEEK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	good	J. Karthek
43	17AJ5A0308	JONNALAGADDA VENKATA SURESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	J. V. Suresh
44	17AJ5A0310	KOTHA VIJAYA SAI VENKATA SUBBA RAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	K. Subba
45	17AJ5A0311	MANGALAGIRI GOPI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	M. Gopi
46	17AJ5A0312	MIDIKONDLA VENU GOPALARAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	M. Gopal Rao
47	17AJ5A0313	NALLAMEKALA ASHOKA CHAKRAVARTHY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	good	N. A. Chakr
48	17AJ5A0314	NANCHARLA SAIRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	good	Sairam
49	17AJ5A0315	NANNEBOINA GOPI ANIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	N. Gopi
50	17AJ5A0316	POTU LINGA RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Very good	P. Linga Raju
51	17AJ5A0317	RAYAPUDI HEMANTH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	Hemant
52	17AJ5A0318	SHAIK JAKEER	P	P	P	P	P	P	P	P	P	P	P	P	P	P	good	S. Jakeer
53	17AJ5A0319	SHAIK MASTHANVALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	good	S. Masthanvali
54	17AJ5A0320	SURE GOPI REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	very good	S. Reddy
55	17AJ5A0322	YADDANAPUDI BADRINATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	good	Y. Badrinath

Signature of the Coordinators

IQAC Coordinator

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

R. P. T.

Signature of the HOD

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



# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING



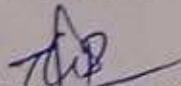
## Certificate

*Of participation*

A TWO WEEKS VALUE ADDED COURSE ON

“Modelling and Simulation in Manufacturing”

Mr./Ms. Shaik. Takeer has participated in the two-week certificate Programme on  
“**Modelling and Simulation in Manufacturing**” organized by department of Mechanical Engineering held  
on 20-08-2018 to 1-09-2018 in Amrita Sai Institute of Science and Technology.

  
T. GOPAL RAO  
Coordinator

  
B PRANEETH  
Head of the Department

HEAD OF THE DEPARTMENT  
Mechanical Engineering  
Amrita Sai Institute of Science and Technology  
Amrita Sai Kancharikere, Bangalore





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**DEPARTMENT OF MECHANICAL ENGINEERING**

Dt.:11-03-2019

**CIRCULAR**

This is to inform that the Department of Mechanical Engineering is conducting two weeks Value Added Course of **"ROBOTICS"** for benefit of IV B. Tech students from 18-03-2019 to 30-03-2019. All the students shall give their names to coordinator listed below on or before 15-03-2019. Hence, all the students are hereby informed to attend the classes without fail.

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

Coordinator: **Mr. N. Ramakrishna,**

Asst. Professor,

Mechanical Engineering Department.

Signature of All HODs						IQAC	OFFICE	LIBRARY

**N. R.**  
**MECH HOD**

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

**Copy to:**

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





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



**DEPARTMENT OF MECHANICAL ENGINEERING**

**Week/Day-Wise Course Schedule**

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

S.No	Day	Date	Topics To Be -Covered
1	MONDAY	18/08/2019	• Introduction to Robotics
2	TUESDAY	19/08/2019	• Robotics History
3	WEDNESDAY	20/08/2019	• Rigid-body motions and twists
4	THURSDAY	21/08/2019	• Components of Robot
5	FRIDAY	22/08/2019	• Formulation of Forward and Inverse kinematics.
6	SATURDAY	24/08/2019	• Velocity kinematics and statics
7	MONDAY	25/08/2019	• Dynamics of open chain robot manipulators.
8	TUESDAY	26/08/2019	• Robot subsystems
9	WEDNESDAY	27/08/2019	• AI in Robotics
10	THURSDAY	28/08/2019	• AI Research Areas
11	FRIDAY	29/08/2019	• Introduction to Robo Analyzer
12	SATURDAY	30/08/2019	• Robotics Applications and Project Work and Presentation

*N.R.*  
COORDINATOR

*R.P.T.*  
HOD MECH

HEAD OF THE DEPARTMENT  
Mechanical Engineering  
Amrita Sai Institute of Science and Technology  
Paritala, Krishna District, Andhra Pradesh - 521180

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



## VALUE ADDED COURSE ON

### "Robotics"

From

18-03-2019 to 30-03-2019

Convener

B PRANEETH ASST. PROFESSOR & HEAD

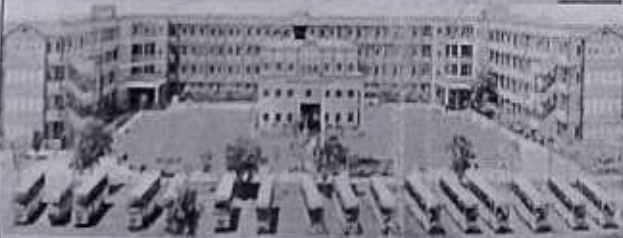
Organized by

Department of

MECHANICAL ENGINEERING



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY  
AUTONOMOUS



**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](http://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, 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:

Robotics is defined as the field of Computer Science and Engineering that deals with the design, construction, operation, and application of robots. Robots are automated machines that can assist humans in a variety of settings, from manufacturing processes, to working in critical conditions, unsuitable for human life.

### Objective of the Course:

1. To provide an introduction to Robotics and Automation including robot classification, design and selection, analysis and applications in industry.
2. To provide information on various types of end effectors, their design, interfacing and selection.
3. To provide the details of operations for a variety of sensory devices that are used on robot, the meaning of sensing, classification of sensor, that measure position, velocity & acceleration of robot joint.
4. To familiarize the basic concepts of transformations performed by robot.
5. To perform kinematics and to gain knowledge on programming of robots

### Certificate:

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

### Course Outcome:

Understand basic components of robotics, classification of robots and their applications. know on types of robot grippers, their usage and design considerations. Understand about various types of sensory devices their working and applications. Apply basic transformations related to the movement of manipulator. design a robot mechanism to meet kinematics requirements and to write simple programs.

### Resource person:

Mr. Dr.M.Venkateswara Rao,  
Professor, Department of ME,  
Bapatla Engg. college Bapatla

### Program coordinator:

Mr. N. Ramakrishna,  
Asst. Professor,  
Mechanical Engineering  
Department





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## DEPARTMENT OF MECHANICAL ENGINEERING

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### PROGRAM REPORT

TWO WEEKS VALUE ADDED COURSE ON  
"Robotics"

*From*

18-03-2019 to 30-03-2019

#### Resource Person:

Mr. Dr.M.Venkateswara Rao,  
Professor, Department of ME,  
Bapatla Engg. college Bapatla

#### Faculty Coordinators:

Mr. N. Ramakrishna  
Asst. Professor

Number of students attended: 84

Venue: Simulation Lab, MECH Department

The department of Mechanical Engineering is conducting two weeks value added course on "**Robotics**" for benefit of IV B. Tech students, by resource person **Dr.M.Venkateswara Rao**, in this part, the Program has been designed to help the students learn the basics of NDT methods. 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:

- 1.To provide an introduction to Robotics and Automation including robot classification, design and selection, analysis and applications in industry.
- 2. To provide information on various types of end effectors, their design, interfacing and selection.
- 3. To provide the details of operations for a variety of sensory devices that are used on robot, the meaning of sensing, classification of sensor, that measure position, velocity & acceleration of robot joint.
- 4. To familiarize the basic concepts of transformations performed by robot.
- 5. To perform kinematics and to gain knowledge on programming of robots



## The topics covered: -

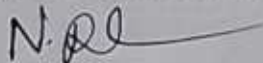
- Introduction to Robotics
- Robotics History
- Rigid-body motions and twists
- Components of Robot
- Formulation of Forward and Inverse kinematics.
- Velocity kinematics and statics
- Dynamics of open chain robot manipulators.
- Robot subsystems
- AI in Robotics
- AI Research Areas
- Introduction to RoboAnalyzer
- Robotics Applications and Project Work and Presentation

## Outcomes of the program:

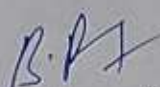
After completing this course a student will be able to:

Understand basic components of robotics, classification of robots and their applications. know on types of robot grippers, their usage and design considerations. Understand about various types of sensory devices their working and applications. Apply basic transformations related to the movement of manipulator. design a robot mechanism to meet kinematics requirements and to write simple programs.


Signature of the Coordinators

1. 

2.

  
Signature of the HOD

HEAD OF THE DEPARTMENT  
Mechanical Engineering  
Amrita Sai Institute of Science and Technology  
Vijaya Vittala Engineering College, Bangalore

  
IQAC Coordinator

Amrita Sai Institute of Science & Technology  
Jai Sai Nagar, Pantala - 521199





# 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 MECHANICAL ENGINEERING

### LIST OF ENROLLED STUDENTS

Name of Program- "Robotics"

S.No	Regd No	Name of the Student	Year/ Branch
1	15AJ1A0301	ADDANKI PRANEETH KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
2	15AJ1A0302	AKULA VAMSI SRINIVAS	B.TECH(MECH)_4 <sup>th</sup> YEAR
3	15AJ1A0303	AMARA DINESH	B.TECH(MECH)_4 <sup>th</sup> YEAR
4	15AJ1A0304	ANANTHU NAVEEN	B.TECH(MECH)_4 <sup>th</sup> YEAR
5	15AJ1A0305	AVULA GOPINADH	B.TECH(MECH)_4 <sup>th</sup> YEAR
6	15AJ1A0306	BANDARU BHARGAVA	B.TECH(MECH)_4 <sup>th</sup> YEAR
7	15AJ1A0308	BHAVANA GOPI	B.TECH(MECH)_4 <sup>th</sup> YEAR
8	15AJ1A0309	BODEDLA SAI KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
9	15AJ1A0310	BOINAPALLI VAMSI KRISHNA	B.TECH(MECH)_4 <sup>th</sup> YEAR
10	15AJ1A0311	BONTHU SRINIVASA RAO	B.TECH(MECH)_4 <sup>th</sup> YEAR
11	15AJ1A0313	CHEBROLU SAI SANATH KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
12	15AJ1A0314	CHINDAM GOPICHAND	B.TECH(MECH)_4 <sup>th</sup> YEAR
13	15AJ1A0315	CHINTALAPUDI PAVAN KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
14	15AJ1A0316	CHUNDU VAMSI KRISHNA	B.TECH(MECH)_4 <sup>th</sup> YEAR
15	15AJ1A0317	DERANGULA GOPALA KRISHNA	B.TECH(MECH)_4 <sup>th</sup> YEAR
16	15AJ1A0319	GUMMALLA ASHOK	B.TECH(MECH)_4 <sup>th</sup> YEAR
17	15AJ1A0320	JAGANNADHAM PAVAN KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
18	15AJ1A0321	JAMMULA SAI RAM	B.TECH(MECH)_4 <sup>th</sup> YEAR
19	15AJ1A0322	JASTI TRINADH CHOWDARY	B.TECH(MECH)_4 <sup>th</sup> YEAR
20	15AJ1A0323	JIKKULA EKAMBARA SADGURU RAJU	B.TECH(MECH)_4 <sup>th</sup> YEAR
21	15AJ1A0324	KAKANI GOPINATH	B.TECH(MECH)_4 <sup>th</sup> YEAR
22	15AJ1A0325	KARNYNA VIKRAM NAIDU	B.TECH(MECH)_4 <sup>th</sup> YEAR
23	15AJ1A0326	KASULA ANJANEYULU	B.TECH(MECH)_4 <sup>th</sup> YEAR
24	15AJ1A0328	KOKKILIGADDA GNANA PRAKASH	B.TECH(MECH)_4 <sup>th</sup> YEAR
25	15AJ1A0329	KOPPERA KOTESWARA RAO	B.TECH(MECH)_4 <sup>th</sup> YEAR
26	15AJ1A0330	KOTARU NAVEEN	B.TECH(MECH)_4 <sup>th</sup> YEAR
27	15AJ1A0331	KOTTAMASU HARSHIT KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
28	15AJ1A0332	KOVVURI RAMANJANEYULU	B.TECH(MECH)_4 <sup>th</sup> YEAR
29	15AJ1A0333	KUKKALA KIRAN	B.TECH(MECH)_4 <sup>th</sup> YEAR
30	15AJ1A0334	LANKE SIVA NAGA RAJU	B.TECH(MECH)_4 <sup>th</sup> YEAR
31	15AJ1A0335	MADDUKURU KRISHNA CHAITANYA	B.TECH(MECH)_4 <sup>th</sup> YEAR
32	15AJ1A0336	MALLADI BHEEMA RAJU	B.TECH(MECH)_4 <sup>th</sup> YEAR
33	15AJ1A0337	MANDADI GOPI	B.TECH(MECH)_4 <sup>th</sup> YEAR
34	15AJ1A0338	MANDADI GOPICHAND	B.TECH(MECH)_4 <sup>th</sup> YEAR
35	15AJ1A0339	MANNEM VINOD KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
36	15AJ1A0340	MARTHA SAI KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
37	15AJ1A0341	MEDA PAVAN KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
38	15AJ1A0342	MEERJA NAGUL SHARIF	B.TECH(MECH)_4 <sup>th</sup> YEAR
39	15AJ1A0343	NALLURI GOPI KRISHNA	B.TECH(MECH)_4 <sup>th</sup> YEAR
40	15AJ1A0344	NARAGAM KOTI SAI SUMITH	B.TECH(MECH)_4 <sup>th</sup> YEAR
41	15AJ1A0345	PAMARTHI VIJAY KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
42	15AJ1A0346	PAPPU PRASAD SHA	B.TECH(MECH)_4 <sup>th</sup> YEAR



43	15AJ1A0347	PAREPALLI VENKATA NAGENDRA BABU	B.TECH(MECH)_4 <sup>th</sup> YEAR
44	15AJ1A0348	PASUPULETI BRAHMA TEJA	B.TECH(MECH)_4 <sup>th</sup> YEAR
45	15AJ1A0350	POLAKAM KALYAN BABU	B.TECH(MECH)_4 <sup>th</sup> YEAR
46	15AJ1A0352	SAYYAD LAL SALAM	B.TECH(MECH)_4 <sup>th</sup> YEAR
47	15AJ1A0353	SHAIK AKHIL BABA	B.TECH(MECH)_4 <sup>th</sup> YEAR
48	15AJ1A0354	SHAIK GOUSE MOHIDDIN SAIDA SAJITH	B.TECH(MECH)_4 <sup>th</sup> YEAR
49	15AJ1A0355	SHAIK IMRAN	B.TECH(MECH)_4 <sup>th</sup> YEAR
50	15AJ1A0356	SHAIK JAN BASHA	B.TECH(MECH)_4 <sup>th</sup> YEAR
51	15AJ1A0357	SHAIK MEHABOBSUBHANI	B.TECH(MECH)_4 <sup>th</sup> YEAR
52	15AJ1A0358	SHAIK SADHIK PASHA	B.TECH(MECH)_4 <sup>th</sup> YEAR
53	15AJ1A0359	SHAIK UMAR FARUCK	B.TECH(MECH)_4 <sup>th</sup> YEAR
54	15AJ1A0360	T GEETHAM ROYAL	B.TECH(MECH)_4 <sup>th</sup> YEAR
55	15AJ1A0361	TATINENI NARENDRA BABU	B.TECH(MECH)_4 <sup>th</sup> YEAR
56	15AJ1A0362	THATI VENKATA SAI	B.TECH(MECH)_4 <sup>th</sup> YEAR
57	15AJ1A0363	THONDAPU OMKAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
58	15AJ1A0364	THOTA TULASI GOPINATH	B.TECH(MECH)_4 <sup>th</sup> YEAR
59	15AJ1A0365	TIRUMALASETTY SRINATH	B.TECH(MECH)_4 <sup>th</sup> YEAR
60	15AJ1A0366	TULASI GOPI	B.TECH(MECH)_4 <sup>th</sup> YEAR
61	15AJ1A0367	TUMATI MANIDEEP	B.TECH(MECH)_4 <sup>th</sup> YEAR
62	15AJ1A0368	UPPTURI ARUNKUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR
63	15AJ1A0369	VAIKUNTAPU GOPI	B.TECH(MECH)_4 <sup>th</sup> YEAR
64	15AJ1A0370	VEJENDLA VAMSI KRISHNA	B.TECH(MECH)_4 <sup>th</sup> YEAR
65	15AJ1A0371	VEMIREDDY SAIRAM REDDY	B.TECH(MECH)_4 <sup>th</sup> YEAR
66	16AJ5A0301	DACHEPALLI DAVIDRAJU	B.TECH(MECH)_4 <sup>th</sup> YEAR
67	16AJ5A0302	DAVU MANEESH	B.TECH(MECH)_4 <sup>th</sup> YEAR
68	16AJ5A0303	GELLI VENKATA DINESH MANIKANTA	B.TECH(MECH)_4 <sup>th</sup> YEAR
69	16AJ5A0304	INDURI ANVESH KUMAR REDDY	B.TECH(MECH)_4 <sup>th</sup> YEAR
70	16AJ5A0305	LELLA SAIRAM	B.TECH(MECH)_4 <sup>th</sup> YEAR
71	16AJ5A0306	MADDULA NAVEEN	B.TECH(MECH)_4 <sup>th</sup> YEAR
72	16AJ5A0307	MAGANTI RAKESH	B.TECH(MECH)_4 <sup>th</sup> YEAR
73	16AJ5A0308	MAJETI SURYA PRAKASHRAJ	B.TECH(MECH)_4 <sup>th</sup> YEAR
74	16AJ5A0309	MYNENI SRI KAVYA	B.TECH(MECH)_4 <sup>th</sup> YEAR
75	16AJ5A0310	PADMANABHUNI R N V S VAMSI KRISHNA	B.TECH(MECH)_4 <sup>th</sup> YEAR
76	16AJ5A0311	PATHAN MOSINKHAN	B.TECH(MECH)_4 <sup>th</sup> YEAR
77	16AJ5A0312	PEETHA BHARGAV	B.TECH(MECH)_4 <sup>th</sup> YEAR
78	16AJ5A0313	PORUPUREDDY LAXMI DURGA VARA PRASAD	B.TECH(MECH)_4 <sup>th</sup> YEAR
79	16AJ5A0314	PULIGADDA PRAVEEN	B.TECH(MECH)_4 <sup>th</sup> YEAR
80	16AJ5A0315	SHAIK NAGUL BASHA	B.TECH(MECH)_4 <sup>th</sup> YEAR
81	16AJ5A0316	SHAIK UDDANDU SAHEB	B.TECH(MECH)_4 <sup>th</sup> YEAR
82	16AJ5A0317	TAMMINENI YUVA MANIKANTA	B.TECH(MECH)_4 <sup>th</sup> YEAR
83	16AJ5A0318	YANAMADALA VAMSI SAI RAM	B.TECH(MECH)_4 <sup>th</sup> YEAR
84	15HP1A0335	THAVIDISETTY PRABHU KUMAR	B.TECH(MECH)_4 <sup>th</sup> YEAR

Signature of the Coordinators

- 1.
- 2.

*N. Qe*

*[Handwritten Signature]*

IQAC Coordinator

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

*B.P.T*  
Signature of the HOD

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- "Robotics"

S.NO	REGD NO	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	FEED BACK	SIGNATURE
1	15AJ1A0301	ADDANKI PRANEETH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	A.P. Kumar
2	15AJ1A0302	AKULA VAMSI SRINIVAS	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	A. Vamsi
3	15AJ1A0303	AMARA DINESH	P	P	P	P	P	A	P	P	P	A	P	P	good	A. Dinesh
4	15AJ1A0304	ANANTHU NAVEEN	P	P	P	P	A	P	P	P	A	P	P	P	good	A. Naveen
5	15AJ1A0305	AVULA GOPINADH	P	P	P	P	P	P	P	A	P	P	P	P	very good	A. Gopinadh
6	15AJ1A0306	BANDARU BHARGAVA	P	P	P	P	P	P	P	P	P	P	P	P	very good	B. Bhargava
7	15AJ1A0308	B. AVANA GOPI	P	P	P	P	P	A	P	P	P	P	P	P	good	B. Gopi
8	15AJ1A0309	BODEDLA SAI KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Sai Kumar
9	15AJ1A0310	BOINAPALLI VAMSI KRISHNA	P	P	P	P	P	P	A	P	P	P	P	P	good	B. Vamsi Krishna
10	15AJ1A0311	BONTHU SRINIVASA RAO	P	P	P	P	P	A	P	P	P	A	P	P	very good	B. Srinivas Rao
11	15AJ1A0313	CHEBROLU SAI SANATH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	S. Sanath
12	15AJ1A0314	CHINDAM GOPICHAND	P	P	P	A	P	P	P	P	A	P	P	P	good	Ch. Gopi
13	15AJ1A0315	CHINTALAPUDI PAVAN KUMAR	P	P	P	P	P	P	A	P	P	P	P	P	very good	Pavan Kumar
14	15AJ1A0316	CHUNDU VAMSI KRISHNA	P	P	P	P	P	A	P	P	P	A	P	P	good	Ch. Vamsi
15	15AJ1A0317	DERANGULA GOPALA KRISHNA	P	P	P	P	A	P	P	P	A	P	P	P	good	D. Gopal
16	15AJ1A0319	GUMMALLA ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Ashok
17	15AJ1A0320	JAGANNADHAM PAVAN KUMAR	P	P	A	P	P	P	P	A	P	P	P	P	good	J. Pavan Kumar
18	15AJ1A0321	JAMMULA SAI RAM	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Sai Ram
19	15AJ1A0322	JASTI TRINADH CHOWDARY	P	P	P	P	A	P	P	P	P	A	P	P	good	J. Choudary
20	15AJ1A0323	JIKKULA EKAMBARA SADGURU RAJU	P	P	P	P	P	P	A	P	P	P	P	P	very good	J. Raju
21	15AJ1A0324	KAKANI GOPINATH	P	P	P	P	P	A	P	P	P	P	P	P	good	K. Gopinath
22	15AJ1A0325	KARNYNA VIKRAM NAIDU	P	P	P	P	P	P	P	P	P	P	A	P	very good	K. Vikram Naidu
23	15AJ1A0326	KASULA ANJANEYULU	P	P	P	P	P	A	P	P	P	A	P	P	good	K. Anji
24	15AJ1A0328	K. KKILIGADDA GNANA PRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	K. Prakash
25	15AJ1A0329	KOPPERA KOTESWARA RAO	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	K. Koteswara Rao
26	15AJ1A0330	KOTARU NAVEEN	P	P	P	A	P	P	P	A	P	P	P	P	good	K. Naveen



27	15AJ1A0331	KOTTAMASU HARSHIT KUMAR	P	P	P	P	A	P	P	A	P	P	P	P	good	K. Kuma
28	15AJ1A0332	KOVVURI RAMANJANEYULU	P	P	P	P	P	A	P	P	A	P	P	P	good	K. Raman
29	15AJ1A0333	KUKKALA KIRAN	P	P	P	P	P	P	P	P	A	P	P	P	very good	K. Kiran
30	15AJ1A0334	LANKE SIVA NAGA RAJU	P	P	P	P	P	A	P	P	P	A	P	P	good	L. Sivara
31	15AJ1A0335	MADDUKURU KRISHNA CHAITANYA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	M. Chaita
32	15AJ1A0336	MALLADI BHEEMA RAJU	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Raju
33	15AJ1A0337	MANDADI GOPI	P	P	P	A	P	P	P	A	P	P	P	P	good	M. Gopi
34	15AJ1A0338	MANDADI GOPICHAND	P	P	P	P	P	P	P	A	P	P	P	P	very good	gopichand
35	15AJ1A0339	MANNEM VINOD KUMAR	P	P	P	P	A	P	P	P	P	A	P	P	good	M. Vinod
36	15AJ1A0340	MARTHA SAI KUMAR	P	P	P	P	P	P	P	A	P	P	P	P	very good	M. Sai Kumar
37	15AJ1A0341	MEDA PAVAN KUMAR	P	P	P	A	P	P	P	P	P	P	P	P	good	Pavan Kumar
38	15AJ1A0342	MEERJA NAGUL SHARIF	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	M. Sharif
39	15AJ1A0343	NALLURI GOPI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	N. Krishna
40	15AJ1A0344	NARAGAM KOTI SAI SUMITH	P	P	P	P	P	P	P	P	P	P	P	P	good	Sumith
41	15AJ1A0345	PAMARTHI VIJAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	very good	P. Vijay
42	15AJ1A0346	PAPPU PRASAD SHA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	P. Prasad
43	15AJ1A0347	PAREPALLI VENKATA NAGENDRA BABU	P	P	P	P	A	P	P	P	P	P	P	P	good	P. Babu
44	15AJ1A0348	PASUPULETI BRAHMA TEJA	P	P	P	P	P	P	P	P	P	P	P	P	very good	Teja
45	15AJ1A0350	POLAKAM KALYAN BABU	P	P	P	P	P	P	P	P	P	P	P	P	very good	P. Babu
46	15AJ1A0352	SAYYAD LAL SALAM	P	P	P	P	P	P	P	P	P	P	P	P	good	Salam
47	15AJ1A0353	SHAIK AKHIL BABA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Sk. Akhil
48	15AJ1A0354	SHAIK GOUSE MOHIDDIN SAIDA SAJITH	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Sajith
49	15AJ1A0355	SHAIK IMRAN	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Sk. Imran
50	15AJ1A0356	SHAIK JAN BASHA	P	P	P	P	A	P	P	P	P	P	P	P	good	Sk. Basha
51	15AJ1A0357	SHAIK MEHABOOSUBHANI	P	P	P	P	P	A	P	P	P	P	P	P	good	Sk. Mehaboosubhani
52	15AJ1A0358	SHAIK SADHIK PASHA	P	P	P	P	A	P	P	P	P	P	P	P	good	Sk. Pasha
53	15AJ1A0359	SHAIK UMAR FARUCK	P	P	P	P	P	A	P	P	P	P	P	P	very good	Sk. Faruck
54	15AJ1A0360	T GEETHAM ROYAL	P	P	P	P	P	P	P	P	P	P	P	P	good	T. Geetha
55	15AJ1A0361	TATINENI NARENDRA BABU	P	P	P	P	A	P	P	P	P	P	P	P	very good	T. Narendra Babu
56	15AJ1A0362	THATI VENKATA SAI	P	P	P	P	P	P	P	P	P	P	P	P	very good	T. Sai
57	15AJ1A0363	THONDAPU OMKAR	P	P	P	P	P	A	P	P	P	P	P	P	good	T. Omkar
58	15AJ1A0364	THOTA TULASI GOPINATH	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	T. Gopinath
59	15AJ1A0365	TIRUMALASETTY SRINATH	P	P	P	P	P	P	P	P	P	P	P	P	very good	T. Srinath
60	15AJ1A0366	TULASI GOPI	P	P	P	P	P	A	P	P	P	P	P	P	good	T. Gopi
61	15AJ1A0367	TUMATI MANIDEEP	P	P	P	P	P	A	P	P	P	P	P	P	good	T. Manideep
62	15AJ1A0368	UPPTURI ARUNKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	very good	U. Arunkumar
63	15AJ1A0369	VAIKUNTAPU GOPI	P	P	P	P	P	P	P	P	P	P	P	P	very good	V. Gopi
64	15AJ1A0370	VEJENDLA VAMSI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	good	V. Krishna



65	15AJ1A0371	VEMIREDDY SAIRAM REDDY	P	P	P	P	P	P	P	A	P	P	P	P	Very good	V. Sairam
66	16AJ5A0301	DACHEPALLI DAVIDRAJU	P	P	P	P	P	P	P	P	P	P	P	P	good	David Raju
67	16AJ5A0302	DAVU MANEESH	P	P	P	P	P	P	P	P	P	P	P	P	Very good	D. Maneesh
68	16AJ5A0303	GELLI VENKATA DINESH MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	G. Mani
69	16AJ5A0304	INDURI ANVESH KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	good	Anvesh
70	16AJ5A0305	LELLA SAIRAM	P	P	P	P	P	P	P	P	P	P	P	P	good	L. Sairam
71	16AJ5A0306	MADDULA NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Naveen
72	16AJ5A0307	MAGANTI RAKESH	P	P	P	P	P	P	P	P	P	P	P	P	Very good	M. Rakesh
73	16AJ5A0308	MAJETI SURYA PRAKASHRAJ	P	P	P	P	P	P	P	P	P	P	P	P	good	M. Prakashraj
74	16AJ5A0309	MYNENI SRI KAVYA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	Sri Kavya
75	16AJ5A0310	PADMANABHUNI R N V S VAMSI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	P. Vamsi Krishna
76	16AJ5A0311	PATHAN MOSINKHAN	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	P. Bhargav
77	16AJ5A0312	PEETHA BHARGAV	P	P	P	P	P	P	P	P	P	P	P	P	good	P. Bhargav
78	16AJ5A0313	PORUPUREDDY LAXMI DURGA VARA PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	good	P. Prasad
79	16AJ5A0314	PULIGADDA PRAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	P. Praveen
80	16AJ5A0315	SHAIK NAGUL BASHA	P	P	P	P	P	P	P	P	P	P	P	P	good	Sh. Basha
81	16AJ5A0316	SHAIK UDDANDU SAHEB	P	P	P	P	P	P	P	P	P	P	P	P	Very good	Sh. Saheb
82	16AJ5A0317	TAMMINENI YUVA MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P	Very good	T. Manikanta
83	16AJ5A0318	YANAMADALA VAMSI SAI RAM	P	P	P	P	P	P	P	P	P	P	P	P	good	Y. Vamsi
84	15HP1A0335	THAVIDISETTY PRABHU KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	Excellent	T. Prabhukumar

*N. Q*  
Signature of the Coordinators

*B. P T*  
Signature of the HOD

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

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

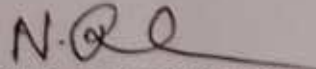


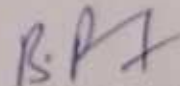
## Certificate

*Of participation*

A TWO WEEKS VALUE ADDED COURSE ON  
"Robotics"

Mr./Ms. Deetha. Bhargav has participated in the two-week certificate Program on  
"Robotics", organized by department of Mechanical Engineering held on 18-03-2019 to 30-03-2019 in  
Amrita Sai Institute of Science and Technology.

  
N. RAMAKRISHNA  
Coordinator

  
B PRANEETH  
Head of the Department

HEAD OF THE DEPARTMENT  
Mechanical Engineering  
Amrita Sai Institute of Science and Technology  
VIT-AP, PO: Kavatheerthapuram, Dist. Anaparthi





**AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY**  
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ISO 9001:2015 Certified Institution, Accredited by NAAC "A" Grade.  
Paritola, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521110.  
www.amritasai.edu.in, Phone: 0866 2428399



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Paritola,

Dr- 12-10-2018

Circular

This is to inform that the department of Computer Science and Engineering is conducting two weeks value added course on "Cyber security" for benefit of IV B.Tech students from 05-11-2018 to 21-11-2018. All the students shall give their names to coordinator listed below on or before 01-11-2018. Hence, all the students are hereby informed to attend the classes without fail.

Venue: Seminar Hall, computer science and engineering Department,

ASIST Co-ordinator: Mr E. SATEESH,

Asst. Professor, computer science and engineering Dept.

*[Handwritten Signature]*

CSE HOD  
Professor & HOD, Dept. of CSE  
Amrita Sai Institute of Science & Technology  
Amrita Sai Nagar, PARTALA (PO)-521118  
Kanchikacherla - Mdl., Krishna D.

Signature of All HODs						IQAC	OFFICE	LIBRARY
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Copy To:

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





**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Dt: 28/10/2018.

WEEK/DAY-WISE COURSE SCHEDULE

Name of the Program: Two weeks value added course on "CYBER SECURITY"

S.No	Day	Date	Topics To Be --Covered
1	SATURDAY	05/11/2018	1 Importance of Cyber security Awareness
2	MONDAY	07/11/2018	2 Emerging Threats in Cyberspace
3	TUESDAY	08/11/2018	3 Fundamentals of Network Security
4	WEDNESDAY	09/11/2018	4 Encryption and Data Protection
5	THURSDAY	10/11/2018	5 Social Engineering Attacks and Prevention
6	FRIDAY	11/11/2018	6 Mobile Security and Privacy
7	SATURDAY	12/11/2018	7 Cloud Security Best Practices
8	MONDAY	14/11/2018	8 Incident Response and Cyber Forensics
9	TUESDAY	15/11/2018	9 Ethical Hacking and Penetration Testing
10	WEDNESDAY	16/11/2018	10 Internet of Things (IoT) Security
11	THURSDAY	17/11/2018	11 Blockchain and Cryptocurrency Security
12	FRIDAY	18/11/2018	12 Securing Critical Infrastructure
13	SATURDAY	19/11/2018	13 Artificial Intelligence and Machine Learning in Cybersecurity
14	MONDAY	21/11/2018	14 REAL LIFE CYBER ATTACKS

*E. Subrah*

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

HEAD OF THE DEPARTMENT  
Mechanical Engineering  
Amrita Sai Institute of Science and Technology  
Paritala, Krishna District, Andhra Pradesh - 521180



## VALUE ADDED COURSE ON "CYBER SECURITY"

From  
05/11/2018 to 21/11/2018  
Convener

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](http://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, 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

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. Accredited by NAAC with 'A' grade.

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:

Cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet ("the cloud") to offer faster innovation, flexible resources, and economies of scale.

Cloud-computing services cover a vast range of options now, from the basics of storage, networking and processing power, through to natural language processing and artificial intelligence as well as standard office applications. Pretty much any service that doesn't require you to be physically close to the computer hardware that you are using can now be delivered via the cloud.

### Program Schedule:

05/11/2018 to 21/11/2018

### Recourse Person:

**Dr. V. LAKSHMI**

Professor, Dept of CSE,

PVP Siddhartha Engineering College, Vijayawada.

### Coordinators

Mr. S. SATEESH

Asst. professor, Dept of CSE





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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 COMPUTER SCIENCE & ENGINEERING**

**PROGRAM REPORT**

**TWO WEEKS VALUE ADDED COURSE ON  
"CYBER SECURITY"**

*From*

**05/11/20\8 to 21/11/20\8**

**Resource Person:**

**Dr. V. LAKSHMI**

Professor, Dept of CSE

PVP Siddhartha Engineering College, Vijayawada

**Faculty Coordinators:**

1. Mr.E.SATEESH
2. Assistant Professor  
Ph.no:8074456236

Number of students attended: 90

Venue:Seminar Hall, CSE Department

The department of computer science& engineering is conducting two weeks value added course on "**CYBER SECURITY**" for benefit of IV B.Tech students, by resource person **Dr. V. LAKSHMI** , 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:**

**The objective of the course is:**

- Identify the technical foundations of cloud systems architectures.
- Analyze the problems and solutions to cloud application problems.
- Apply principles of best practice in cloud application design and management.
- Identify and define technical challenges for cloud applications and assess their importance.



## The topics covered:-

- 1 Importance of Cyber security Awareness
- 2 Emerging Threats in Cyberspace
- 3 Fundamentals of Network Security
- 4 Encryption and Data Protection
- 5 Social Engineering Attacks and Prevention
- 6 Mobile Security and Privacy
- 7 Cloud Security Best Practices
- 8 Incident Response and Cyber Forensics
- 9 Ethical Hacking and Penetration Testing
- 10 Internet of Things (IoT) Security
- 11 Blockchain and Cryptocurrency Security
- 12 Securing Critical Infrastructure
- 13 Artificial Intelligence and Machine Learning in Cybersecurity
- 14 REAL LIFE CYBER ATTACKS

## Outcomes of the program:


Protect and defend computer systems and networks from cybersecurity attacks. ...

Diagnose and investigate cybersecurity events or crimes related to computer systems and digital evidence. ...

Effectively communicate in a professional setting to address information security issues.

This course was very useful to the students and their feedback is positive. The management and Dr M.Sashidhar Gaaru, 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. 

3.

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





**LIST OF ENROLLED STUDENTS**

Name of Program - "cyber security"

Sl. No	Roll No	Name of the Student
1	16AJ1A0501	ADAPA DINESH NADH
2	16AJ1A0502	AMARA KEERTHANA
3	16AJ1A0503	ANNABATTULA NEELIMA
4	16AJ1A0504	ATI AISWARYA
5	16AJ1A0505	AVIDI SATHISH
6	16AJ1A0506	AVULA LOKESH
7	16AJ1A0507	BANALA KEERTHI
8	16AJ1A0508	BASANI VENKATESH
9	16AJ1A0509	BATCHU SARITHA
10	16AJ1A0510	BATTULA SANDHYA
11	16AJ1A0511	BATTULA SRI SAI SUDHA
12	16AJ1A0512	BHOOMIREDDY JAIDEEP PHANINDER
13	16AJ1A0513	BITTU RAJESWARI
14	16AJ1A0514	BOLAGANI LEELA MADHAVI
15	16AJ1A0515	CHALAPATI KEERTHIKA
16	16AJ1A0516	CHALAPATI MADHAVI
17	16AJ1A0517	CHALASANI NANDINI
18	16AJ1A0518	CHALLA ANJANEYULU VIKRAM
19	16AJ1A0519	CHAVATA SRAVANI
20	16AJ1A0520	CHEKURU THARUN KUMAR
21	16AJ1A0521	CHENNUPATI PAVANI
22	16AJ1A0522	CHERUKURI NEERAJA



23	16AJ1A0523	CHINTALA BHUVANESWARI
24	16AJ1A0524	CHIRUMAMILLA SRAVANTHI
25	16AJ1A0526	DADI HARISH KUMAR
26	16AJ1A0527	DAKOJU ANJANA
27	16AJ1A0528	DAMINENI PHANITEJA
28	16AJ1A0529	DATTI MOHAN SAI CHARAN
29	16AJ1A0530	DEVABHAKTUNI MEGHANA
30	16AJ1A0531	DEVINENI KIRANMAYEE
31	16AJ1A0532	DHARMA GOPAL JANJYAM
32	16AJ1A0533	DIVYA BUNDEL
33	16AJ1A0534	DONDAPATI HARITHA
34	16AJ1A0535	DONDAPATI SUNEETHA
35	16AJ1A0536	DUDIPALLA NAVYA
36	16AJ1A0537	GAJJALA NAVEEN REDDY
37	16AJ1A0538	GANGADASU MANISHA
38	16AJ1A0539	GANGAVARAPU UDAYA BHANU
39	16AJ1A0540	GANTA SIREESHA
40	16AJ1A0541	GARNEPUDI KAVYA SREE
41	16AJ1A0542	GATLA LAVANYA
42	16AJ1A0543	GEDDADA ROHI PAUL
43	16AJ1A0544	GOLI ALEKHYA
44	16AJ1A0545	GOPISETTI SOWMYA SRI
45	16AJ1A0546	GOTTAM AYYAPPA REDDY
46	16AJ1A0547	GRANDHI NIHARIKA
47	16AJ1A0548	GUDURU LAKSHMI KIRANMAI

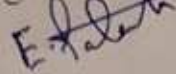


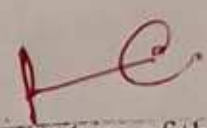
48	16AJ1A0574	MORRIBOYINA YESWANTH
49	16AJ1A0575	MOSES LUKES DINESH BENZMEN
50	16AJ1A0576	MYSORE MOHIT BALA MANIKANTHA
51	16AJ1A0577	NAGAM VEENA
52	16AJ1A0578	NALLANI MOUNIKA
53	16AJ1A0579	NALLANI VEERAMANITEJA
54	16AJ1A0580	NUTHALAPATI PRATHIMA
55	16AJ1A0581	PATHURI SRI KANTH
56	16AJ1A0582	PATIBANDLA PAVANTEJA
57	16AJ1A0583	PEDEVALLI SAISITARAM
58	16AJ1A0584	PENTELA NANDHINI PRIYA
59	16AJ1A0585	POKALA BHARGAV
60	16AJ1A0586	PONNAGANTI TARUN CHOWDARY
61	16AJ1A0587	PULI PREETHI SUNAYANA
62	16AJ1A0588	PULIBANDLA JAYASREE
63	16AJ1A0589	RACHAKONDA NAGENDHRA BABU
64	16AJ1A0590	RASALA BAJI BABU
65	16AJ1A0591	RAVELLA HARSHITHA
66	16AJ1A0592	RAVULAPALLI KOTESWARA RAO
67	16AJ1A0593	SANDHYA GADDE
68	16AJ1A0594	SAPKOTA SUNIL PRASAD
69	16AJ1A0595	SHAIK ARIFA
70	16AJ1A0596	SHAIK NAGULMEERA
71	16AJ1A0597	SOMOJU PRANAY TEJA



72	16AJ1A0598	SREERAMAKAVACHAM S N K PRATYUSHA
73	16AJ1A0599	SYED NAGULU
74	16AJ1A05A0	TANNERU KAVYA
75	16AJ1A05A1	TARIGOPALA RAKSHITA
76	16AJ1A05A2	TARUN KUMAR TAMMINA
77	16AJ1A05A3	TELUKUNTLA DURGA NAGA BHAVYA TEJASWI
78	16AJ1A05A4	TENALI ANUSHA
79	16AJ1A05A5	THATAVARTHY MONIKA
80	16AJ1A05A6	VALLABHANENI SAI MOUNIKA
81	16AJ1A05A7	VALLURU GOWTHAMI KRISHNA KUMARI
82	16AJ1A05A9	DEMULA LAKSHMI PRASANNA
83	16AJ1A05B0	DEMULA PRIYANKA
84	16AJ1A05B1	YARRAGUNTLA SNEHITHA

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)-521118**  
**Andhra Pradesh - India**











71.	16AJ1A0597	SOMOJU PRANAY TEJA	A	P	P	P	P	P	P	P	P	P	P	P	P	S. Pranay
72.	16AJ1A0598	SREERAMAKAVACHAM S N K PRATYUSHA	P	P	P	P	A	P	P	P	P	P	P	P	P	S. Pratyusha
73.	16AJ1A0599	SYED NAGULU	P	P	P	P	P	P	P	P	P	P	P	P	P	S. Nagulu
74.	16AJ1A05A0	TANNERU KAVYA	P	P	P	A	P	P	P	P	A	P	P	P	P	T. Edvya
75.	16AJ1A05A1	TARIGOPALA RAKSHITA	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Rakshita
76.	16AJ1A05A2	TARUN KUMAR TAMMINA	P	P	P	P	A	P	P	P	P	P	P	P	P	T. Tarun
77.	16AJ1A05A3	TELUKUNTLA DURGA NAGA BHAVYA TEJASWI	P	P	P	P	P	P	P	P	P	P	A	P	P	T. Durga Naga
78.	16AJ1A05A4	TENALI ANUSHA	P	P	P	A	P	P	P	P	P	P	P	P	P	T. Anusha
79.	16AJ1A05A5	THATAVARTHY MONIKA	P	P	P	A	P	P	P	P	P	P	P	P	P	T. Monika
80.	16AJ1A05A6	VALLABHANENI SAI MOUNIKA	P	P	P	P	P	P	A	P	P	P	P	P	P	V. Mounika
81.	16AJ1A05A7	VALLURU GOWTHAMI KRISHNA KUMARI	P	P	P	P	P	P	P	P	P	P	A	P	P	V.G. Kumari
82.	16AJ1A05A9	DEMULA LAKSHMI PRASANNA	P	P	P	A	P	P	P	P	A	P	P	P	P	V. Prasanna
83.	16AJ1A05B0	DEMULA PRIYANKA	P	P	P	P	P	P	P	A	P	P	P	P	P	V. Priyanka
84.	16AJ1A05B1	YARRAGUNTLA SNEHITHA	P	P	P	A	P	P	P	P	P	P	P	A	P	Y. Snehitha

*E. Salanth*  
Signature of the Coordinators

*H. Q.*  
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.



# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of Computer Science & Engineering

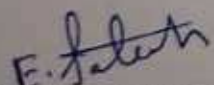



## Certificate

*Of participation*

A TWO WEEKS VALUE ADDED COURSE ON  
"CYBER SECURITY"

Mr/Ms BANALA KEERTHI has participated in the two week certificate programme on "Cloud Computing" organized by department of computer science and engineering held on 05-11-2018 to 21-11-2018 in Amrita Sai Institute of Science and Technology.

  
Mr E SATEESH  
Coordinator

  
Dr. P. Chiranjeevi  
Head of the Department  
Professor & HOD, Dept. of CSE  
Amrita Sai Institute of Science & Technology  
Amrita Sai Nagar, PARTALA (PO)-52118  
Kanchikacheru - Mdl. Krishna D



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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: 25-01-2019

### Circular

This is to inform that the department of Computer Science and Engineering is conducting two weeks value added course on "cloud computing" for benefit of IV B.Tech students from 04-02-2019 to 19-02-2019. All the students shall give their names to coordinator listed below on or before 30-01-2019. Hence, all the students are hereby informed to attend the classes without fail.

**Venue:** Seminar Hall, computer science and engineering Department,


**Resource Person :** Dr. Duwada Rajeswara Rao










Professor, Dept of CSE,

VR Siddhartha Engineering College, Vijayawada.

**Co-ordinator:** Mrs M. Prameela,

Asst.Professor, computer science and engineering Dept.

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

Signature of All HODs						TPO	OFFICE	LIBRARY
								

### Copy To:

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



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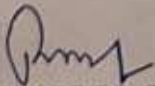
## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

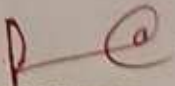
Dt: 30/01/2019.

### DAY-WISE COURSE SCHEDULE

Name of the Program: A Two weeks value added course on "cloud computing"

S.No	Day	Date	Topics To Be —Covered
1	MONDAY	04/02/2019	Introduction: Definition and evolution of Cloud Computing Enabling Technologies, Service and Deployment Models
2	TUESDAY	05/02/2019	Cloud Infrastructure Data center Components: IT Equipment and Facilities
3	WEDNESDAY	06/02/2019	Design Considerations: Requirements, Power, Efficiency, & Redundancy Power Calculations,
4	THURSDAY	07/02/2019	PUE and Challenges in Cloud Data Centers Cloud Management
5	FRIDAY	08/02/2019	Cloud Software Deployment Considerations
6	SATURDAY	09/02/2019	Virtualization (CPU, Memory, I/O)
7	MONDAY	11/02/2019	Software Defined Networks (SDN)
8	TUESDAY	12/02/2019	Software Defined Storage (SDS)
9	WEDNESDAY	13/02/2019	Cloud Storage
10	THURSDAY	14/02/2019	Distributed File Systems (HDFS, Ceph Fds)
11	FRIDAY	15/02/2019	Cloud Databases (HBase, MongoDB, Cassandra, DynamoDB)
12	SATURDAY	16/02/2019	Cloud Object Storage (Amazon S3, OpenStack Swift, Ceph)
13	MONDAY	18/02/2019	Programming Models Distributed Programming for the Cloud
14	TUESDAY	19/02/2019	Data-Parallel Analytics with Hadoop MapReduce (YARN)

  
COORDINATOR

  
Professor & HOD, Dept. of CSE  
Amrita Sai Institute of Science & Technology  
Amrita Sai Nagar, PARTALA (PO)-521180  
Kanchikacharla - Mdl., Krishna D.



## VALUE ADDED COURSE ON "CLOUD COMPUTING"

From  
04/02/2019 to 19/02/2019

Organized by  
Department of  
Computer Science & Engineering



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY  
AUTONOMOUS

Paritala, Krishna District-521180 (A.P.)  
www.amritasai.org.in

**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](http://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, 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:**

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. Accredited by NAAC with 'A' grade.

CSE Department Introduced Four new specializations: Data Science, Big Data Analytics, Artificial Intelligence &

### **About the Program:**

Cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet ("the cloud") to offer faster innovation, flexible resources, and economies of scale.

Cloud-computing services cover a vast range of options now, from the basics of storage, networking and processing power, through to natural language processing and artificial intelligence as well as standard office applications. Pretty much any service that doesn't require you to be physically close to the computer hardware that you are using can now be delivered via the cloud.

### **Program Schedule:**

04/02/2019 to 19/02/2019

### **Recourse Person:**

**Dr. Duwada Rajeswara Rao**  
Professor, Dept of CSE,

VR Siddhartha Engineering College, Vijayawada.

### **Coordinators:**

Mrs. M. Prameela

Asst. professor, Dept of CSE



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## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### PROGRAM REPORT

#### TWO WEEKS VALUE ADDED COURSE ON

#### “CLOUD COMPUTING”

*From*

04/02/2019 to 19/02/2019

**Resource Person:**Dr. Duwada Rajeswara

Rao,

Professor, Dept of

CSE,

VR Siddhartha Engineering college, Vijayawada

#### **Faculty Coordinators:**

Mrs M. Prameela

Assistant Professor

Ph.no:8500729874

Number of students attended: 90

Venue:Seminar Hall, CSE Department

The department of computer science & engineering is conducting two weeks value added course on “CLOUD COMPUTING” for benefit of IV B.Tech students, by resource person Dr. Duwada Rajeswara Rao, 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:**

##### **The objective of the course is:**

- Identify the technical foundations of cloud systems architectures.
- Analyze the problems and solutions to cloud application problems.
- Apply principles of best practice in cloud application design and management.
- Identify and define technical challenges for cloud applications and assess their importance.



### The topics covered:-

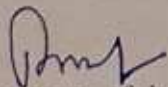
- Introduction: Definition and evolution of Cloud Computing Enabling Technologies, Service and Deployment Models
- Cloud Infrastructure Datacenter Components: IT Equipment and Facilities
- Design Considerations: Requirements, Power, Efficiency, & Redundancy Power Calculations,
- PUE and Challenges in Cloud Data Centers Cloud Management
- Cloud Software Deployment Considerations
- Virtualization (CPU, Memory, I/O)
- Software Defined Networks (SDN)
- Software Defined Storage (SDS)
- Cloud Storage
- Distributed File Systems (HDFS, Ceph Fds)
- Cloud Databases (HBase, MongoDB, Cassandra, DynamoDB)
- Cloud Object Storage (Amazon S3, Open Stack Swift, Ceph)
- Programming Models Distributed Programming for the Cloud
- Data-Parallel Analytics with Hadoop MapReduce (YARN)

### Outcomes of the program:

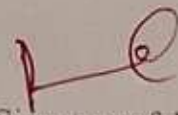
After completing this course a student will be able to:

- Understand the fundamental principles of distributed computing.
- Understand how the distributed computing environments known as Grids can be built from lower level services.
- Understand the importance of virtualization in distributed computing and how this has enabled the development of Cloud Computing.
- Analyze the performance of Cloud Computing.
- Understand the concept of Cloud Security.
- Learn the Concept of Cloud Infrastructure Model.

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



Signature of the Coordinators



Signature of the HOD

**Professor & HOD, Dept. of CSE  
Amrita Sai Institute of Science & Technology,  
Amrita Sai Nagar, PARTIALA (PO)-52110  
Kanchikacheru - M.D.L. Krishna D.**



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## LIST OF ENROLLED STUDENTS

Name of Program-A Two weeks value added course on "Cloud Computing"

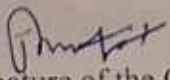
S. No	Roll No	Name of the Student	Year/ Branch	signature
1	15AJ1A0501	GUNDA NAGA VENKATA SUBBARAO	B.TECH(CSE)_4 th YEAR	G. N. Subbarao
2	15AJ1A0503	ALURI PUNEETH CHOWDARY	B.TECH(CSE)_4 th YEAR	A. Punetha
3	15AJ1A0504	ANNAPUREDDY KAVITHA	B.TECH(CSE)_4 th YEAR	A. Kavitha
4	15AJ1A0505	ANUMOLU SUSMITHA	B.TECH(CSE)_4 th YEAR	A. Susmitha
5	15AJ1A0506	APPINEDI HARIKA	B.TECH(CSE)_4 th YEAR	A. Harika
7	15AJ1A0507	B N V VISHNU PRIYA CHIMAKURTHI	B.TECH(CSE)_4 th YEAR	P. Priya
8	15AJ1A0508	BANDI SWAPNA	B.TECH(CSE)_4 th YEAR	S. Swapna
9	15AJ1A0509	BANDLA SIRIVARSHINI	B.TECH(CSE)_4 th YEAR	B. S. Varshini
10	15AJ1A0510	BEVARA MANIKANTA CHAKRAVARTHI	B.TECH(CSE)_4 th YEAR	B. S. Chakravarti
11	15AJ1A0511	BODI NAGA DIVYA	B.TECH(CSE)_4 th YEAR	B. Naga Divya
12	15AJ1A0513	BUDIGI TEJASRI	B.TECH(CSE)_4 th YEAR	B. Tejasri
13	15AJ1A0514	CHALAPATI VENKATESWARA RAO	B.TECH(CSE)_4 th YEAR	Ch. Venkateswara Rao
14	15AJ1A0515	CHAVATA GEETHA VANI	B.TECH(CSE)_4 th YEAR	Ch. Geetha Vani
15	15AJ1A0516	CHENNAMSETTI RAVI KISHORE	B.TECH(CSE)_4 th YEAR	Ch. Ravi Kishore
16	15AJ1A0517	CHERUKURI ABHIGNA	B.TECH(CSE)_4 th YEAR	Ch. Abhigna
17	15AJ1A0518	CHERUKURI DEVENDRA VENKATA SATYA SAI	B.TECH(CSE)_4 th YEAR	Sai. Ch.
18	15AJ1A0519	CHERUKURI KANJITHA	B.TECH(CSE)_4 th YEAR	Ch. Kanjitha
19	15AJ1A0520	CHERUKURI NIKITHA	B.TECH(CSE)_4 th YEAR	Ch. Nikitha
20	15AJ1A0525	DARAPANENI HARI CHANDANA	B.TECH(CSE)_4 th YEAR	D. H. Chandana
21	15AJ1A0526	DASARI SAI KUMAR	B.TECH(CSE)_4 th YEAR	D. S. Kumar
22	15AJ1A0527	DEVATA TEJASWI RADHA	B.TECH(CSE)_4 th YEAR	D. T. Radha
23	15AJ1A0528	DEVINENI PRASANTHI	B.TECH(CSE)_4 th YEAR	D. Prasanthi
24	15AJ1A0529	DEVIREDDY BHAVANA	B.TECH(CSE)_4 th YEAR	D. Bhavana
25	15AJ1A0530	DHANEKULA KOMALI	B.TECH(CSE)_4 th YEAR	D. Komali
26	15AJ1A0531	DODDA VENKATA SAI DURGA	B.TECH(CSE)_4 th YEAR	D. S. Durga
27	15AJ1A0532	DODDAPANENI NANDHITHA	B.TECH(CSE)_4 th YEAR	D. Nandhitha
28	15AJ1A0533	DONDAPATI VENKATA SAI PRAKASH	B.TECH(CSE)_4 th YEAR	D. V. Sai Prakash
29	15AJ1A0534	DONDAPATI VENKATA SAI RAM	B.TECH(CSE)_4 th YEAR	D. V. Sai Ram

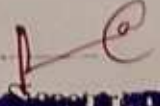


30	15AJ1A0537	GANDHAM NAGA BRAHMAM	B.TECH(CSE)_4 th YEAR	G. Naga
31	15AJ1A0538	GANGAVARAPU PAVANI	B.TECH(CSE)_4 th YEAR	G. Pavani
32	15AJ1A0540	GOLLAPALLI NAGA MALLESWARI	B.TECH(CSE)_4 th YEAR	G. N. Malleshwari
33	15AJ1A0542	GUDE SAI SANDEEP	B.TECH(CSE)_4 th YEAR	G. S. Sandeep
34	15AJ1A0543	INDURI JYOTHSNA SARVANI	B.TECH(CSE)_4 th YEAR	J. Sarvani
35	15AJ1A0544	JANGA SNEHA	B.TECH(CSE)_4 th YEAR	J. Sneha
36	15AJ1A0545	JONNALAGADDA RAMYA	B.TECH(CSE)_4 th YEAR	J. Ramya
37	15AJ1A0546	KADIYALA INDU PRIYA	B.TECH(CSE)_4 th YEAR	K. Indu priya
38	15AJ1A0547	KANASANI SRIDIVYA	B.TECH(CSE)_4 th YEAR	K. Sai Divya
39	15AJ1A0549	KETHAM SAILAJA	B.TECH(CSE)_4 th YEAR	K. Sailaja
40	15AJ1A0550	KILARI BABITHA CHOWDARY	B.TECH(CSE)_4 th YEAR	K. B. Chowdary
42	15AJ1A0554	KUMMARI DURGA BHAVANI	B.TECH(CSE)_4 th YEAR	K. D. BHAVANI
43	15AJ1A0555	LANKA VENKATA NAVEEN	B.TECH(CSE)_4 th YEAR	L. Naveen
44	15AJ1A0556	MADDI YOGESH SRINADH	B.TECH(CSE)_4 th YEAR	M. Srinadh
45	15AJ1A0557	MADDIPATLA PUSHPA LATHA	B.TECH(CSE)_4 th YEAR	M. P. Latha
46	15AJ1A0558	MAGANTI RAVI BABU	B.TECH(CSE)_4 th YEAR	M. Babu
47	15AJ1A0559	MAHANKALI MANIKANTA SRINIVAS KUMAR	B.TECH(CSE)_4 th YEAR	M. Kumar
48	15AJ1A0560	MARKAPUDI SRIKANTH	B.TECH(CSE)_4 th YEAR	M. Srikanth
49	15AJ1A0561	MAKINA PAVAN SAI KUMAR	B.TECH(CSE)_4 th YEAR	M. P. S. Kumar
50	15AJ1A0562	MALNEEDI KALYANI	B.TECH(CSE)_4 th YEAR	M. Kalyani
51	15AJ1A0563	MANCHIKANTI INDUMATHI CHINMY GREESHMA	B.TECH(CSE)_4 th YEAR	G. Greeshma
52	15AJ1A0564	MANDA BHAVANI	B.TECH(CSE)_4 th YEAR	B. Bhavani
53	15AJ1A0565	MANGUNURI SINDHUJA	B.TECH(CSE)_4 th YEAR	M. Sindhuja
54	15AJ1A0566	MANNE PRATHIMA	B.TECH(CSE)_4 th YEAR	M. Prathima
55	15AJ1A0569	MUKKAMALA SAI SRI	B.TECH(CSE)_4 th YEAR	M. Sai Sri
56	15AJ1A0570	MUNDRA PADMINI	B.TECH(CSE)_4 th YEAR	M. Padmini
57	15AJ1A0571	NAGAVARAPU MOUNIKA	B.TECH(CSE)_4 th YEAR	M. Mounika
58	15AJ1A0572	NAGULAVANCHA SAI RAM	B.TECH(CSE)_4 th YEAR	S. Sai Ram
59	15AJ1A0573	NAKIRIKANTI KRISHNA SRI SAI	B.TECH(CSE)_4 th YEAR	S. Sri Sai
60	15AJ1A0574	NANDIKATTU KAVYA RANI	B.TECH(CSE)_4 th YEAR	K. Kavya Rani
61	15AJ1A0575	PAGADALA SRAVANA LAKSHMI	B.TECH(CSE)_4 th YEAR	P. Sravani
62	15AJ1A0576	PASUPULETI GOPINATH	B.TECH(CSE)_4 th YEAR	G. Gopinath



63	15AJ1A0577	PATAPANCHALA KONDA SWAMY	B.TECH(CSE)_4th YEAR	P. Swamy
64	15AJ1A0578	PEDAMALLA SOWMYA	B.TECH(CSE)_4th YEAR	P. Sowmya
65	15AJ1A0579	PITTA JAGADESHWAR RAO	B.TECH(CSE)_4th YEAR	P. Rao
66	15AJ1A0584	POTUMARTI NAGA SAI HARSHA	B.TECH(CSE)_4th YEAR	P. Harsha
67	15AJ1A0585	RAAVI PAVANI KRISHNA	B.TECH(CSE)_4th YEAR	R. Krishna
68	15AJ1A0586	SAI CHARAN GUNTUR	B.TECH(CSE)_4th YEAR	S. Sai
69	15AJ1A0587	SAMANURI JYOTHI RAGHAVA RAJU	B.TECH(CSE)_4th YEAR	S. Jyothi
70	15AJ1A0588	SANGIREDDY HARI KRISHNA	B.TECH(CSE)_4th YEAR	S. Krishna
71	15AJ1A0589	SANIKOMMU KOTESWARI	B.TECH(CSE)_4th YEAR	Koteswari S.
72	15AJ1A0590	SANTHAKUDLUR SHESHADRI REDDY	B.TECH(CSE)_4th YEAR	S. Reddy
73	15AJ1A0591	SATTI VASANTHI	B.TECH(CSE)_4th YEAR	S. Vasanthi
74	15AJ1A0593	SHAIK HASEENA	B.TECH(CSE)_4th YEAR	S. Haseena
75	15AJ1A0594	SHAIK SHABANA	B.TECH(CSE)_4th YEAR	S. Shabana
76	15AJ1A0595	SHAIK SUMEERA	B.TECH(CSE)_4th YEAR	S. Sumeera
77	15AJ1A0596	SINGAMSETTI SAMYUKTHA	B.TECH(CSE)_4th YEAR	S. Samyuktha
78	15AJ1A0597	SINGAMSETTY AJAY	B.TECH(CSE)_4th YEAR	S. Ajay
79	15AJ1A0598	MADDULA SRUJANA	B.TECH(CSE)_4th YEAR	M. Srujana
80	15AJ1A0599	TATHIREDDY VENKATA NAGA SAHITHI	B.TECH(CSE)_4th YEAR	T. V. SAHITHI
81	15AJ1A05A6	UMMADI SUKANYA	B.TECH(CSE)_4th YEAR	U. Sukanya
82	15AJ1A05A7	VADLAMUDI HARI KRISHNA	B.TECH(CSE)_4th YEAR	V. H. Krishna
83	15AJ1A05A8	VALIBOINA NAGAMALLESWARI	B.TECH(CSE)_4th YEAR	V. Nagamalleswari
84	15AJ1A05A9	VANKAYALAPATI JEEVAN KUMAR	B.TECH(CSE)_4th YEAR	V. J. Kumar
85	15AJ1A05B0	VELAGA SARASWATHI	B.TECH(CSE)_4th YEAR	V. Saraswathi
86	15AJ1A05B1	VEMULA CHARISHMA DIVYA	B.TECH(CSE)_4th YEAR	V. Charishma
87	15AJ1A05B2	VEMULA GOPI SAI	B.TECH(CSE)_4th YEAR	V. G. Sai
88	15AJ1A05B3	VEMULA SAI BHAVANI	B.TECH(CSE)_4th YEAR	V. Bhavani
89	15AJ1A05B4	VEMULA VISHALI	B.TECH(CSE)_4th YEAR	V. Vishali
90	15AJ1A05B5	VEMULAKONDA ROHITH SAI	B.TECH(CSE)_4th YEAR	V. R. Sai

  
Signature of the Coordinators

  
Professor & HOD (CSE) of Dept  
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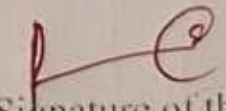






68	15AJ1A0586	SAI CHARAN GUNTUR	P	P	P	P	P	P	P	P	P	P	P	12
69	15AJ1A0587	SAMANURI JYOTHI RAGHAVA RAJU	P	A	P	P	P	P	P	P	P	P	P	11
70	15AJ1A0588	SANGIREDDY HARI KRISHNA	P	P	P	P	A	P	P	P	P	P	P	11
71	15AJ1A0589	SANIKOMMU KOTESWARI	A	A	P	P	P	P	P	P	P	P	P	10
72	15AJ1A0590	SANTHAKUDLUR SHESHADRI REDDY	P	P	A	P	P	P	P	P	A	P	P	10
73	15AJ1A0591	SATTI VASANTHI	P	P	P	P	A	P	P	P	P	P	P	11
74	15AJ1A0593	SHAIK HASEENA	P	A	P	P	P	P	P	P	P	P	P	11
75	15AJ1A0594	SHAIK SHABANA	P	P	P	P	P	P	P	P	P	P	P	12
76	15AJ1A0595	SHAIK SUMEERA	P	P	P	A	P	P	P	P	P	P	P	11
77	15AJ1A0596	SINGAMSETTI SAMYUKTHA	P	P	P	P	A	P	P	P	P	P	P	11
78	15AJ1A0597	SINGAMSETTY AJAY	P	P	A	A	P	P	P	P	P	P	P	10
79	15AJ1A0598	MADDULA SRUJANA	P	P	P	P	P	P	P	P	P	P	P	12
80	15AJ1A0599	TATHIREDDY VENKATA NAGA SAHITHI	P	A	P	P	P	P	P	P	P	P	P	11
81	15AJ1A05A6	JMMADI SUKANYA	P	A	P	A	P	P	P	P	P	P	P	10
82	15AJ1A05A7	VADLAMUDI HARI KRISHNA	P	P	P	A	P	P	P	P	P	P	P	11
83	15AJ1A05A8	VALIBOINA NAGAMALLESWARI	P	P	P	P	P	P	P	P	P	P	P	12
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85	15AJ1A05B0	VELAGA SARASWATHI	P	P	P	A	P	P	P	P	P	P	P	11
86	15AJ1A05B1	VEMULA CHARISHMA DIVYA	P	P	P	P	P	P	A	P	P	P	P	11
87	15AJ1A05B2	VEMULA GOPI SAI	P	P	P	P	A	P	P	P	P	P	P	11
88	15AJ1A05B3	VEMULA SAI BHAVANI	P	P	P	P	P	P	P	P	P	P	P	12
89	15AJ1A05B4	VEMULA VISHALI	P	P	P	A	P	P	P	P	P	P	P	11
90	15AJ1A05B5	VEMULAKONDA ROHITH SAI	P	P	P	P	P	P	A	P	P	P	P	11

  
Signature of the Coordinator

  
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# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Department of Computer Science & Engineering



## Certificate

*Of participation*

A TWO WEEKS VALUE ADDED COURSE ON

“CLOUD COMPUTING”

Mr/Ms GUNDA NAGA VENKATA SUBBARAO has participated in the two week certificate programme on “**Cloud Computing**”, organized by department of computer science and engineering held on 04-02-2019 to 18-02-2019 in Amrita Sai Institute of Science and Technology.

Mrs. M. Prameela  
Coordinator

Dr. P. Chiranjeevi

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