e-NEWS LETTER

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Department of CSE-Artificial Intelligence and Machine Learning

**Smt.D.A.Satyaprabha
Chairperson
(2013-2021)**

Sreenivasa Institute of Technology and Management Studies

CHAIRMAN'S MESSAGE

**Sri. K.Ranganatham
Chairman**

In this serenity, the world is portrayed by technology and constant change. In order to survive and perform successfully in the contemporary competitive environment, we have to adopt constantly with innovative techniques and be prepared to update knowledge and life skills through continuous learning all the time because education is a pivotal contributing element to both social mobility and economic development.

SECRETARY MESSAGE

We started our college with the vision of providing quality education to rural and urban youths. Our college owns world-class infrastructure and facilities includes state-of-art laboratories for Academics and Research, carrier development, placement cell and library. SITAMS known for its qualified and well experienced faculty members. At SITAMS, we provide a conductive environment for young engineers where they can be creative, learn to solve problems and express themselves. I am sure that we will achieve our mission with the cooperation and team work of every member of SITAMS.

**Sri D. K. Badri Narayana
Member, Industrialist
&Philanthroist**

PRINCIPAL'S MESSAGE

**Dr. N. Venkatachalapathi
Principal**

Our students have always set high benchmarks, competing with students all around the globe. In line with institute's vision and mission, we aim at providing excellent academic ambiance, student centric teaching-learning process, state-of-the-art infrastructure, highly qualified and experienced faculties and an overall dynamic and disciplined workplace.

To meet pace with fast emerging technologies and rapidly changing world around, we try to nurture attitude of a leader and a lifelong learner among our students. I feel privileged to invite students seeking quality engineering education, academicians, recruiters and industry professionals to experience the vibrancy with the budding technocrats of future, at SITAMS.

HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2022-23. I hope this will be continued further to improve the self-quality and department quality.

Dr.M.Arthi
HOD

COLLEGE VISION

- To emerge as a Center of Excellence for Learning and Research in the domains of engineering, computing and management.

DEPARTMENT VISION

- To contribute for the society through excellence in Computer Science and Engineering (Artificial Intelligence and Machine Learning) with a deep passion for wisdom, culture and values.

COLLEGE MISSION

- Provide congenial academic ambience with state-art of resources for learning and research.
- Ignite the students to acquire self reliance in the latest technologies.
- Unleash and encourage the innate potential and creativity of students.
- Inculcate confidence to face and experience new challenges.
- Foster enterprising spirit among students.
- Work collaboratively with technical Institutes / Universities / Industries of National and International repute.

DEPARTMENT MISSION

- Provide congenial academic ambience with necessary infrastructure and learning resources.
- Inculcate confidence to face and experience new challenges from industry and society.
- Ignite the students to acquire self reliance in State-of-the-Art Technologies
- Foster Enterprising spirit among students

Events

Placement Cell

Training program

TheTraining and Placement Cell organized a training program by M/S Mayinkrish Ventures Pvt. Ltd., Hyderabad for the final year students of B.Tech. and MCA, the training commenced from 15th November, 2023 onwards for a duration of 24 working days.

Placement Training Program (15-11-2023 to 15-12-2023)

Women Empowerment Cell

Guest Lecture

Lok Adalath Legal Awareness Camp was organized on 02-12-2023 for all B.Tech, MBA and MCA students in SITAMS Engineering College under Women Empowerment Cell. The Women Empowerment Cell Coordinator Dr.H.Umamahesvari addressed the gathering. In this program, the resource person of the Awareness CampShri Ramesh Babu, Chairman, Permanent Lok Adalat, Chittoor District. spoke about the importance of Lok Adalath and benefits of consulting Lok Adalath, how to get legal advice, legal rights for poor people

Lok Adalath Legal Awareness Camp(02-12-2023)

Research & Development Cell

International Webinar

An international webinar was conducted on 24-11-2023 by Research and Development Cell, Dr. H.Umamahesvari, R&D Co-Ordinator,SITAMS organized the webinar for the befits of students who are in Final Year B. Tech, MBA and MCA. In this program, the resource person of the webinar Dr. Naveen Kumar Reddy, Deputy Manager, R&D,Air Gas Electronics Materials Enterprise, Taiwan, explained about the opportunities available at Taiwan to do Masters and Ph.D with the assistance of scholarships available to students for higher studies in Taiwan.


International Webinar on How to Apply Taiwan Scholarships , Masters and Ph.D"(24-11-2023)

International Webinar

An international webinar was conducted on 23-09-2023 by Research and Development Cell, Dr. H.Umamahesvari, R&D Co-Ordinator SITAMS organized the webinar for the befits of Faculty, PG & UG students of.In this program, the resource person of the webinar Sri.Reddy Aravind, Senior Computer Vision Engineer, Airworks Solution, Boston, USA, explained about the significance and research opportunities of Artificial Intelligence.


International Webinar on "Research Opportunities in Artificial Intelligence(23-09-2023)

National Webinar

A National Webinaron "Advanced Defence Technologies, For Land Based Combat Vehicles" was conducted on 08-09-2023 for B.Tech students in SITAMS Engineering College.The resource Person speaker of this programme Sri. N Venkatramana ,Scientist 'E' and Deputy Director Cmbat Vehicles Research and Development establishment (CVRDE), DRDO Chennaigave a brief lecture B.Tech Engineering students on Advanced Defence Technologies, For Land Based Combat Vehicles, explained about the challenges faced with the designing of Land Based Combat Vehicles , how to equip then with powerful engines, advanced suspension systems.

National Webinaron "Advanced Defence Technologies, For Land Based Combat Vehicles"
(08-09-2023)

Entrepreneurship Development Cell

An Expert talk was organized by Entrepreneurship Development Cell on 17th November 2023 at SITAMS College, Chittoor from 10AM to 4PM in Gallery for the students of MBA, MCA and B.Tech(ECE&EEE). Dr. K. Sudarsan, Convenor, Head of MBA Dept., introduced about the Expert Talk on My Story-Motivational Session by Successful Entrepreneur/Startup Founder to the audience and said that the importance of entrepreneurship, innovation and commercialization in the nation and world. Expert Mr. B.R.M.V. KRISHNA, CEO of MayinKrish Ventures Pvt. Ltd., Hyderabad started the session.The participants gained knowledge about the entrepreneurship, need of start-ups, idea generation, conversation of idea into product, how to start startup, how to overcome the problems in the business and also its importance for the development of personal and nation.

"My Story-Motivational Session by Successful Entrepreneur/Startup Founder"(17-11-2023)

Institution's Innovation Council(IIC)

Expert Talk

IQAC and Department of ECE organized an industrial expert talk on Early State Entrepreneurs-An Opportunity to students & Faculty on 21st July 2023. Dr.N.Nandakumar, proprietor of Prime Bio-medical systems, Tirupur is the chief guest of this technical event. The guest, Dr.N.Nandakumar explored the possibilities for budding engineers as entrepreneur which is the other way to settle in the career by choosing the relevant and interested filed. He expressed in his speech that there are four types of entrepreneurship namely small business, start-up, large business and social entrepreneurships. He motivated the students to gain the importance of understanding the classifications and involve one's career by choosing right path at right time.
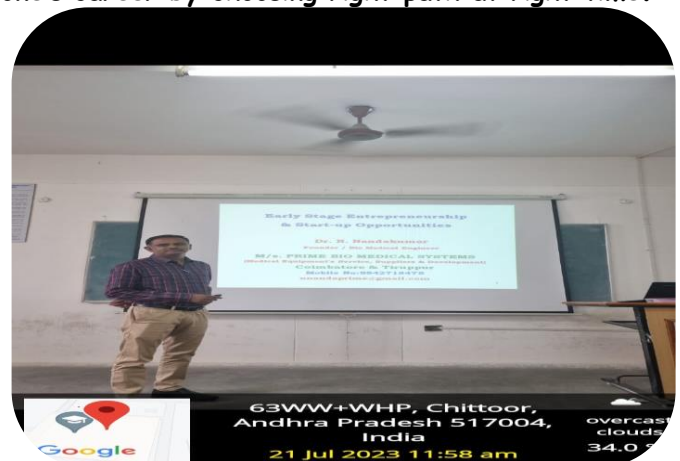
Early State Entrepreneurs-An Opportunity to students & Faculty (21-07-2023)

Outreach Program

The Institution's Innovation Council (IIC) along with NSS of SITAMS, organized an Innovation and Entrepreneurship outreach programme at ZPHS Government school, Kanipakam on 19th July 2023. There were 30 students volunteers divided into 6 equal groups. Each group of volunteers were assigned with different creative tasks which propagated about innovation and entrepreneurship. This programme also assisted the school students with various creative and innovative related activities.

"Innovation and Entrepreneurship Outreach Programme"(19-07-2023)

Guest Lecture

Industry Institute Interaction Cell and Department of ECE organized an industrial expert talk session on "Electronic Products Manufacturing – an Insight" on 26 th July 2023. Mrs.M.Subha, former RMA Service Engineer, Christ Church-New Zealand, who is presently working at Thapovan Info Systems, Chennai is the chief guest of the technical event. The guest, Mrs.M.Subha interacted with the students and explored the flow of manufacturing the electronic products. She stated in her speech that the electronics manufacturing process in production is the methodology the manufacturers use to transform design concepts into tangible electronic products. It encompasses various stages such as design, component sourcing, assembly, testing, enclosure manufacturing, quality control, and packaging. She motivated the students to understand the concepts clearly which is required to face challenges to get career opportunities at the time of technical interviews when the aspirants seek job in core domains.

Industrial Expert Session on "Electronic Products Manufacturing – an Insight" (26.07.2023)

Guest lecture

Industry Institute Interaction Cell and Department of ECE organized a Guest lecture on "Role of Electronics towards software driven Modern Vehicular Technology" on 14th October 2023. Dr.B.Ashok, Associate Professor and Head of Automotive Engineering, SMEC, VIT University, Vellore acted as a resource person for this event. He has briefed about the vehicular technology and role of electronics in the modern vehicles. He has given a overview on how the electronics play a major role in vehicles in the advanced future generations.

Guest Lecture on "Role of Electronics towards software driven Modern Vehicular Technology"(14-10-2023)

Workshop

Industry Institute Interaction Cell and Department of ECE organized a Workshop on "MATLAB for Image Processing Applications and Introduction to ML & DL" on 14th December 2023.Mrs.S.Rajalakshmi, Associate with Strydo Technologies pvt.ltd, Vellore acted as a resource person for this event. She has briefed about the MATLAB for image processing Application and Introduction to ML & DL. She has given an overview on how MATLAB play a major role in real life in the advanced future generations. She also explained the basic programming MATLAB code with real time examples

Workshop On "MATLAB for Image Processing Applications and Introduction to ML & DL"(14-12-2023)

Workshop

The Department of ECE in association with Institution's Innovation Council (IIC), STRYDO technologies has organized a Workshop on "Hardware for AIML using VLSI Techniques" 14th December 2023. Dr. S. Vijayakumar, Professor and Head, gave the welcome address and he delivered a brief introduction about the workshop. Dr.M.Saravanan, Principal (I/C), and Dean Academics has appreciated the Department for Conducting this Workshop. He honored the chief guest Dr.R.Sakthivel and motivated the students by conveying the importance of participation in workshop. It may reduce the industry gaps. Dr. R.Sakthivel, Department of Micro and Nano electronics, VIT University, Vellore, in his session, he briefed about importance of Artificial intelligence (AI), sometimes called machine intelligence concerned with building smart machines capable of performing tasks that typically require human intelligence.


Workshop on "Hardware for AIML using VLSI Techniques"(14-12-2023)

Guest Lectures/Workshops/Webinars/Conferences/FDP organized

Department of CSM & CAI organized a one day workshop on "A Deep Dive into Deep Learning Models and Its Applications" for 3rd year CSM & CAI branch students on 26.09.2023. The speaker for the session was Dr. Preethi D, B.E., M.Tech., Ph.D., Department of CSE, CET, SRMIST, Ramapuram Campus, Chennai.
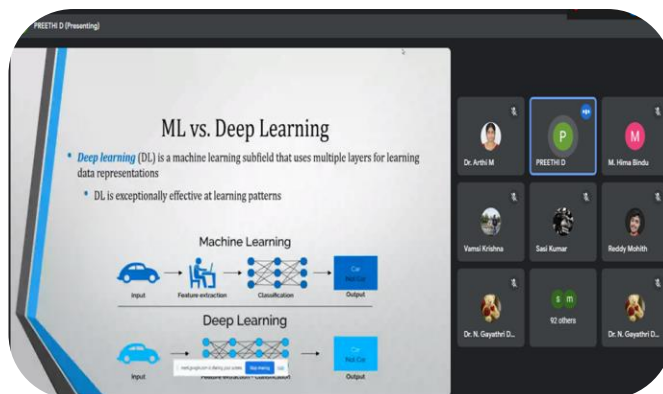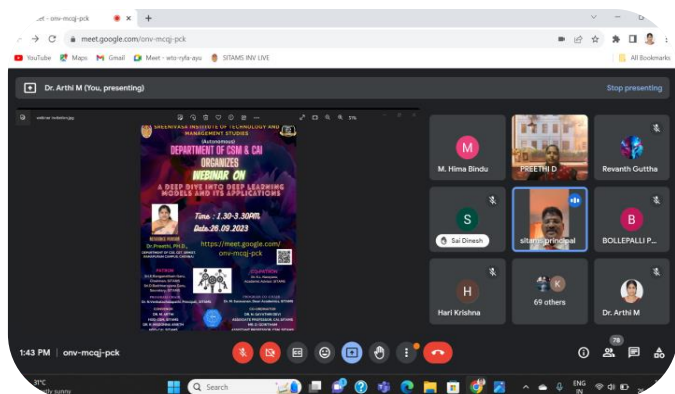
"A Deep Dive into Deep Learning Models and Its Applications" (26.09.2023)

Department of CSM & CAI organized a one day workshop on "Data Science and its Application in Real World" for 3rd year CSM & CAI branch students on 24.11.2023. The speaker for the session wasB. Lakshminarayana,M.Tech.,Data Scientist, Strydo Technologies Pvt. Ltd, Tirupati.

"Data Science and its Application in Real World" (24.11.2023)

Department of CSM & CAI organized a one day guest lecture on "EDGE COMPUING" for 3rd year CSM & CAI branch students on 29.11.2023. The speaker for the session was Dr.G.Revathy, Assistant Professor (Grade3),SRC,SASTRA,Deemed University, Kumbakonam
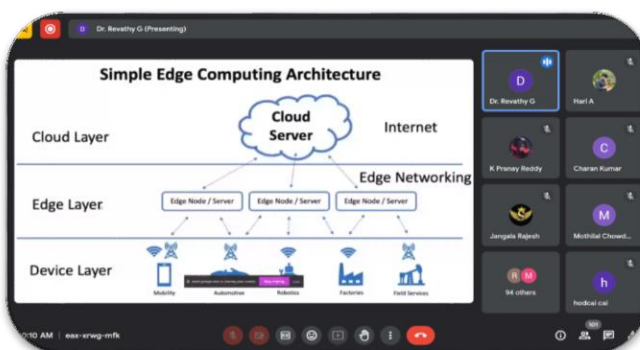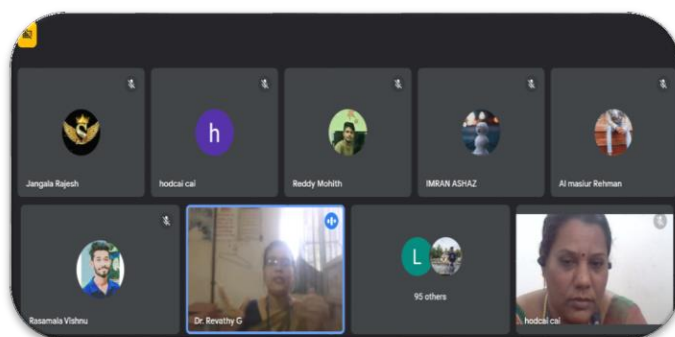
"EDGE COMPUING" (29.11.2023)

Department of CSM & CAI organized a one day guest lecture on "Revolutionizing Connectivity: 5G and the Future of Seamless Communication" for 2nd year CSM & CAI branch students on 19.12.2023. The speaker for the session was Dr. Sunil Chinnadurai, Head of Hispec, SRM University, Andhra Pradesh.
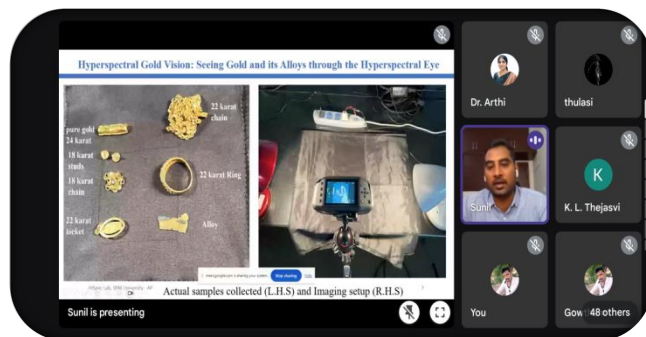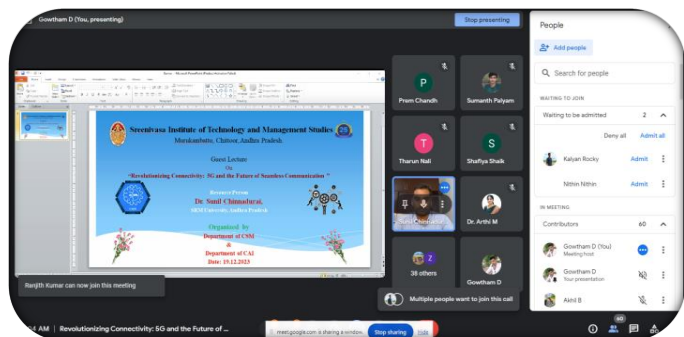
"Revolutionizing Connectivity: 5G and the Future of Seamless Communication" (19.12.2023)

Department of CSM & CAI organized a two day symposium "AITECH2k23" for CSM & CAI branch students on 15.12.2023

"AITECH2k23"

Industrial Tour

Department of CSM organized a one day Industrial visit for final year students at Cloudlogic Technologies, Puducherry on 22.12.2023

Cloudlogic Technologies, Puducherry (22.12.23)

National Service Scheme(NSS)

Our students as NSS Volunteers continuously showing leadership skills and serving rigorously for community health care, literacy drives, environmental protection, Blood donation camps, informative lecture on human values regularly to the society by visiting nearby villages and educating and helping the poor and the destitute. This time NSS has also organized many activities.

GURU POURNIMA (03-07-2023)

WORLD POPULATION DAY (11-07-2023)
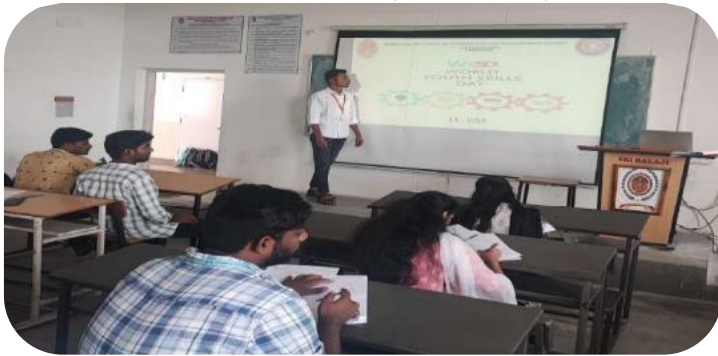
WORLD YOUTH SKILLS DAY (15-7-2023)

NATIONAL FLAG ADAPTATION DAY(22-07-2023)

INDEPENDENCE DAY (15-8-2023)

TEACHERS' DAY (05-09-2023)

ENGINEERS' DAY (15-09-2023)

SUICIDEAWARENESS & PREVENTION(16-09-2023)

Vinayaka Chavithi Celebrations (16-9-2023)

International Day of Peace(21-9-2023)

NSS Formation Day (25-09-2023)

Awareness Program on Anti Ragging (22-09-2023)

Awareness Program on evil effects of I D Liquor & Drugs (26-09-2023)

Drawing Competition for children's day in association with TV99 Channel (29-09-2023)

Essay writing competition organized by Sri Sathya Sai trust, chittoor (04-10-2023)

Blood Donation Camp (05-10-2023)

National Education Day (11-11-2023)

World Television Day (21-11-2023)

Constitution Day of India (26-11-2023)

World AIDS Day(01-12-2023)

Awareness on Transform Yourself to Transform the Nation(15-12-2023)

National Mathematics Day (22-12-2023)

Faculty Achievements

NPTEL Completed

S.NO.	NAME OF THE FACULTY	COURSE NAME	NUMBER OF WEEKS	AWARD
1.	Dr. Munipraveena Rela	Deep Learning	12 Weeks	Elite
2.	Dr. Munipraveena Rela	Deep Learning	12 Weeks	Elite
3.	D.Gowtham	Introduction to Internet of Things	12 Weeks	Elite

Papers Presented

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the conference	International/ National
1	Dr.N.Gayathri Devi Associate Professor	"Cellular Traffic Prediction Algorithm based on Long term memory through extraction of spatial tempored characteristic".	International Conference on Recent Advances & Innovations in Science, Technology, Engineering & Management	International
2	Dr.R.Madonna Arieth Associate Professor	"Cellular Traffic Prediction Algorithm based on Long term memory through extraction of spatial tempored characteristic".	International Conference on Recent Advances & Innovations in Science, Technology, Engineering & Management	International
3	Mr.D.Gowtham Assistant Professor	"Cellular Traffic Prediction Algorithm based on Long term memory through extraction of spatial tempored characteristic".	International Conference on Recent Advances & Innovations in Science, Technology, Engineering & Management	International

FDPs/Workshops/Webinars Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Dr.N.Gayathri Devi Associate Professor	National Level FDP on Cloud Infrastructure	Guru Nanak Institution Technical Campus, Hyderabad, Telangana	21.08.2023 to 25.08.2023
2.	Dr.N.Gayathri Devi Associate Professor	Five days FDP on Exploring Horizons: The Next Wave of Data Science	SRM TRP Engineering College, Tiruchirapalli	25.09.2023 to 29.09.2023
3.	Mr.V.Ragubathy Assistant Professor	Five days FDP on Exploring Horizons: The Next Wave of AI and Data Science	SRM TRP Engineering College, Tiruchirapalli	25.09.2023 to 29.09.2023
4.	Mr.D.Gowtham Assistant Professor	Five days FDP on Exploring Horizons: The Next Wave of AI and Data Science	SRM TRP Engineering College, Tiruchirapalli	25.09.2023 to 29.09.2023
5.	Dr.N.Gayathri Devi Associate Professor	International Webinar on Research Opportunities in Artificial Intelligence	SITAMS, Chittoor	23.09.2023
6.	Mr.D.Gowtham Assistant Professor	International Webinar on Research Opportunities in Artificial Intelligence	SITAMS, Chittoor	23.09.2023
7.	Mr.V.Ragubathy Assistant Professor	Workshop on "Recent Developments in Neural Networks and Embedded RTOS"	Methodist College of Engineering and Technology	09.10.2023 to 13.10.2023

8.	Mr.D.Gowtham Assistant Professor	Workshop on "Recent Developments in Neural Networks and Embedded RTOS"	Methodist College of Engineering and Technology	09.10.2023 to 13.10.2023
9.	Mr.V.Ragubathy Assistant Professor	FDP on Research opportunities in Blockchaintechnology	School of Computer Science and Engineering and Information Science,Presidency University	25-11-2023
10.	Mr.V.Ragubathy Assistant Professor	one day FDP on "Fortifying Digital Fortresses: Navigating the current Landscape of Cyber Security	School of Computer Science and Engineering and Information Science,Presidency University	09-12-2023

Students Achievements

Students Toppers

The following is the list of Toppers for the academic year 2023-24 I semester.

Year	Reg No	Student Name	RANK
CSM II YEAR	22751A3332	K L Thejasvi	I
	22751A3399	Yuvaraj Raja Priya	II
	22751A3388	Subramanyam Vari Ramya	III
	22751A3383	S R Naseera Taj	III
CSM III YEAR	21751A3354	M.Hima Bindu	I
	21751A3360	Mahajanam Sudeepthi	II
	21751A3366	N S Vaishnavi	II
	21751A3371	P.Haritha	II
	21751A3327	H Kavya sree	III
	21751A3390	Tanguturu Jayakeerthan Reddy	III
CSM IV YEAR	20751A3302	A Bhavana	I
	20751A3322	K Manoj	I
	20751A3327	Katoori Harika	II
	20751A3326	K Thanusha	III
	20751A3338	Mangati Hemapriya	III
	20751A3348	R Jahnavi	III
CAI II YEAR	22751A3120	H.Likhitha	I
	22751A3160	Shaik Shafiya	II
	22751A3162	Siddamma Gari Chandana	III
CSM III YEAR	21751A3131	Perimineni Sindhu	I
	21751A3124	P.Likhitha Sree	II
	21751A3118	M.Nisheetha	III

Webinars/Workshops Attended

S.No.	Name of the student	Title of paper	Name of conference	Date
1.	T Jaya kiran reddy	Knowing Animations Naturally	TECTRIX-2023	18-10-2023
2.	N.Neeraj Prasad			
3.	M.Hima Bindu	The Next Generation Maintenance Using AI & ML Technologies	TECTRIX-2023	18-10-2023
4.	Y.Sehitha Sree			
5.	M.Reddy Mohith			
6.	M.Reddy Mohith	The Next Generation Maintenance Using AI & ML Technologies	ELOQUENCE'23	07.10.23
7.	M.Hima Bindu			
8.	P.GiriCharan			
9.	T Jaya kiran reddy	Knowing Animations Naturally	ELOQUENCE'23	07.10.23

NPTEL Completed

S.NO.	REG.NO.	NAME OF THE STUDENT	COURSE NAME	NUMBER OF WEEKS	AWARD
1	20751A3303	A.GEYA SRI	SOFTWARE TESTING	12 WEEKS	COMPLETED
2	20751A3312	THARUN DOMA	DATA SCIENCE FOR ENGINEERS	8 WEEKS	COMPLETED
3	20751A3312	THARUN DOMA	SOFTWARE TESTING	12WEEKS	COMPLETED
4	20751A3316	J.PREETHI	DATA SCIENCE FOR ENGINEERS	8 WEEKS	COMPLETED
5	20751A3316	J.PREETHI	SOFTWARE TESTING	12WEEKS	COMPLETED
6	20751A3317	JIYA JULIUS	DATA SCIENCE FOR ENGINEERS	12 WEEKS	COMPLETED
7	20751A3317	JIYA JULIUS	SOFTWARE TESTING	12WEEKS	COMPLETED
8	20751A3322	K MANOJ	INTRODUCTION TO MACHINE LEARNING	8 WEEKS	COMPLETED
9	20751A3326	K.THANUSHA	INTRODUCTION TO MACHINE LEARNING	8 WEEKS	COMPLETED
10	20751A3329	LAHARI JA	THE JOY OF COMPUTING USING PYTHON	12 WEEKS	COMPLETED
11	20751A3330	M.ASMA FARHAT	INTRODUCTION TO MACHINE LEARNING	12 WEEKS	COMPLETED
12	20751A3338	MANGATI HEMAPRIYA	INTRODUCTION TO MACHINE LEARNING	8 WEEKS	ELITE
13	20751A3342	P.PAVITHRA	INTRODUCTION TO MACHINE LEARNING	12 WEEKS	COMPLETED
14	20751A3347	R.HARSHITHA	SOFTWARE TESTING	12WEEKS	COMPLETED
15	20751A3350	S.JOSHITHA	INTRODUCTION TO MACHINE LEARNING	12 WEEKS	COMPLETED
16	20751A3353	S R JAYASARANYA	SOFTWARE TESTING	12WEEKS	COMPLETED
17	20751A3362	V LOKESH	CLOUD COMPUTING	12 WEEK	ELITE+ SILVER

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

AUTONOMOUS – NBA(CSE,ECE, MECH & MCA) ACCREDITED

Awarded 'A' Grade by Technical Education, Government of Andhra Pradesh

(Approved by AICTE, New Delhi& Permanently Affiliated to JNTUA, Ananthapuramu)
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