

OUR INSPIRATION



Dr. D.K. Audikesavulu
Founder Chairman



NEWS LETTER

Volume: XXIV Issue:2 July-Dec(2022)

Department of CSE

Artificial Intelligence and Machine Learning



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

Sreenivasa Institute of Technology and Management Studies

Editorial Board

Patron

Dr. N. Venkatachalapathi
Principal

Chief Editor

Dr. U. Balakrishna
Professor/S & H

Editor

Mr. D. Gowtham
Assistant Professor

Faculty Advisors

1. Dr. Madonna Arietha
Associate Professor
2. Mr. S. Manohar
Assistant Professor

Students Members

M. Lakshmi Kanth
K. Thanusha
III CSM
Kaladi Bhanu Prakash
Reddy
Kamasani Thejaswini
M. Reddy Mohith
P. Divitha
II CSM
P. Lokesh
A.S. Bhagya Sree
II CAI

Inside this issue

Events @ SITAMS
NSS activities
Faculty achievements
Student achievements

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 conducive 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.

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 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.

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

Communication and Employability skills (Interview skills) program

Training and Placement cell organized 3 days Placement Training program on "Communication and Employability skills(interview skills)". Program started with prayer headed by principal, all dignitaries and CTPO of the SITAMS .All placement coordinators and HODs were attended .Five resource persons from the Rubicon took part in the event to handle the Classroom training and Practice sessions for the final year students for placement purpose. All the final years of B.Tech ECE and CSE students participated in the 3 days placement training program. In this training program Students learnt the communications, employability and interview skills. In Final day, Principal thanked all the trainers with mementos.



Communication and Employability skills (interview skills) programme (01-11-2022 to 03-11-2022)

A Seminar on 'Re-Engineer Yourself'

Training and Placement cell organized one day seminar on 'Re-Engineer Yourself'. Program started with inaugural function headed by principal CTPO & PO of the SITAMS. Mr. N. Sridhar and Mr. N.S.Reddy acted as a resource persons. All the final year B.Tech. and MCA students participated in the program.

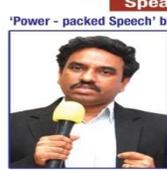
A Seminar on 'Re-Engineer Yourself'

For B.Tech students of SITAMS, Chittoor on Dec 8, 2022
(Sreenivasa Institute of Technology and Management Studies)

Speakers



Dr. N. VENKATA CHALAPATHI
Professor & Principal, SITAMS



SRIDHAR
Director, Kautilya
M.A. (Eng), M.A. (Eco), PGDFE,
PGDCE (Hyd. Gen. Unit), PGCTE (EFL Unit)
Career Coach, 17 Yr exp.



N.S. REDDY
B.Tech, MBA
Sr. Manager, Kautilya
Career Counsellor, 18 yr exp.



A Seminar on 'Re-Engineer Yourself'(08-12-2022)

Swot Analysis For Higher Package

Training and Placement cell organized one day work shop on Swot Analysis For Higher Package. Program started with inaugural function headed by principal, CTPO & PO of the SITAMS. Dr. N. Venkata Chalpathi, Principal acted as a resource person. All the Final year BTech and MCA students participated in the program.

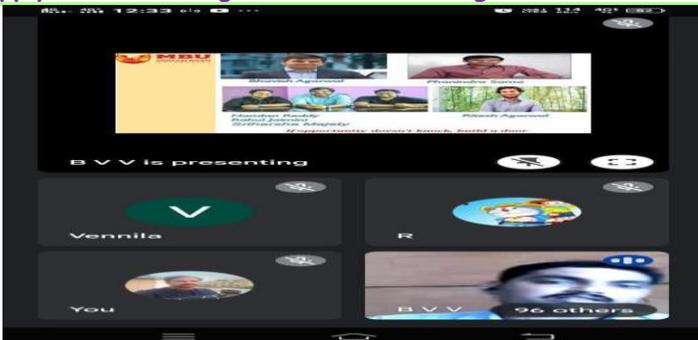


Swot Analysis For Higher Package(29-12-2022)

Institution's Innovation Council(IIC)

A Workshop on "Entrepreneurship and Innovation as Career Opportunity"

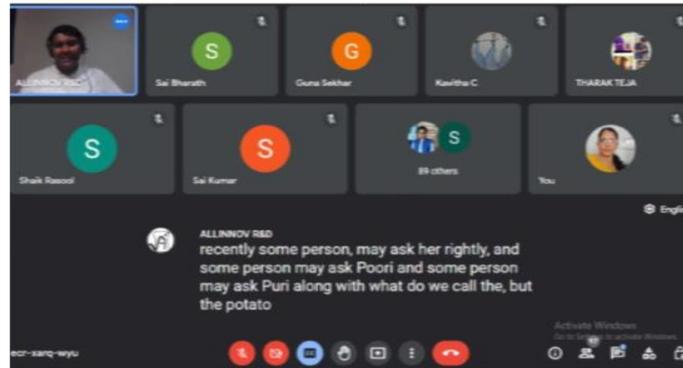
In this workshop, the Resource person Dr. B. Vishnu Vardhana Naidu, Associate Professor in Mechanical Engineering, Sree Vidyanikethan Engineering College, Tirupati explained the objective of introducing the participants with fundamentals of entrepreneurship development so that they can understand the requirements and challenges in this area. The applied aspect of this workshop will be the practical sessions where they can apply this knowledge in decision making.



Workshop on Entrepreneurship and Innovation as Career Opportunity(28-10-2022)

My story-Motivational Session by Successful Innovators

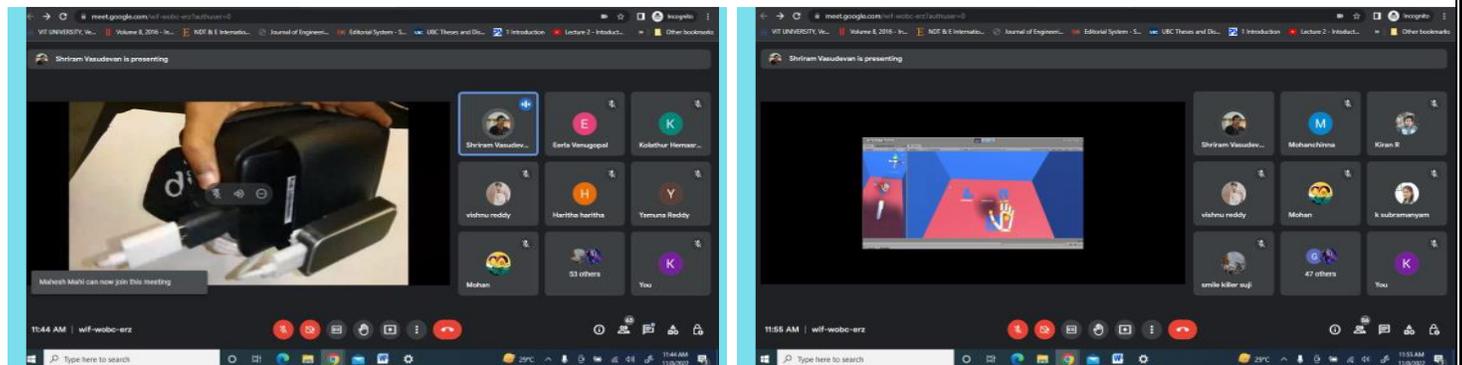
IIC organized a One-Day Workshop on My Story- Motivational Session by Successful Innovators on 3rd November 2022. Mr. Prem Charles, Co-Founder - Managing Director, Allinnov Research and Development Private Limited acted as a resource person for this workshop. He has delivered speech about invention, innovation and patenting. He has motivated the students regarding how the new ideas can be patented. How money can be generated through intelligence. Overall 150 students participated from all the departments. This workshop was a good learning experience for the participants. They had the opportunity to interact with the best resource person in the field of patenting.



My story-Motivational Session by Successful Innovators(03-11-2022)

My story-Motivational Session by Successful Entrepreneur/start-up Founder

In this workshop, the Resource person Dr. K.Shriram Vasudevan, Lead Tech Evangelist, Bangalore explained how to motivate the team to get an idea and how to convert that idea into a product. He also shared the problems faced and the credit obtained after the completion of his project. He motivated the students to learn the technical basics and booming technologies and think in an omni-way to feed the gained knowledge in real time for converting into a product.



My story-Motivational Session by Successful Entrepreneur/start-up Founder(08-11-2022)

Session on Problem solving and Ideation Workshop

In this workshop, the Resource person Mr R.Sundaraman, Manager, Bus Product Development, Ashok Leyland, Chennai explained how to correctly define a problem and finding a solution to it. He also shared the how to solve the problem with different tools and methods. He motivated the students to learn the various problem solving tools and how to create a new ideas to find the best solution to the problem with examples.



Session on Problem solving and Ideation Workshop (12-11-2022)

National Education Day

An awareness program on the education was organized by Institution's Innovation Council (IIC) along with NSS team on 11th November 2022 from 1.30 pm to 4 pm at Zilla Parishath High School, Kanipakkam, Chittoor. The main purpose of this event was to create awareness regarding the importance of education among the students. A team of 30 student volunteers were present at the school along with faculty coordinators. The IIC Coordinator had given an informative speech on the importance of education at the start of the event. After that, a special motivational talk was given by student volunteers to the 10th class students. The talk also includes which course has to be taken in 11th grade and the booming courses availability for enriching their career skills.



National Education Day (11-11-2022)

Quiz on Entrepreneurship and Innovation

Dr. K. Sudarsan, Convenor, Head of MBA Dept inaugurated the quiz with lighting the lamp and spoke about the importance of entrepreneurship and innovation for the development of the nation and world. The quiz was organized by the Co-ordinators Dr.H.Viswarkiran, & Dr.Jyosha C, Assistant Professors, MBA Dept, SITAMS. Number of Teams Registered are 60 (2 members per batch) and Number of Teams Qualified for Final Round are 27. First Prize winners are Ms.D.Anjali & Ms.P.Lakshmi Durga, second prize winners are Mr.K.Aleesha & Mr.N.Chaithanya and Third Prize winners are Ms.P.Akshada & Ms.A.Kusala



Quiz on Entrepreneurship and Innovation(25-11-2022)

Technical lecture on Testing (DFT) and Its Importance in Semiconductor Industries

In this technical event, the Resource person and DFT Engineer Mr.G.Manoj kumar from Wipro Technologies who is an ECE department Alumni of SITAMS, explained on how the core industries performing, the needed transformation by budding engineers to meet the industry's and he gave an overview on VLSI companies. He elaborated the DFT concepts and how he is serving his company. He motivated the students to learn the various core concepts by choosing any one of ECE domains and strengthen the knowledge which helps to serve in core areas during their career.



 SRIKANYASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES (SITAMS) <small>Marudakusattur, Chittoor, Andhra Pradesh - 517227</small>		
INSTITUTION'S INNOVATION COUNCIL (IIC) <small>Department of Electronics and Communication Engineering</small>		
A Technical Lecture on Testing (DFT) and Its Importance in Semiconductor Industries		
		
Mr. G. Manoj Kumar <small>DFT Engineer, Wipro Technologies, Bangalore (Alumni ECE, SITAMS)</small>		
VENUE SITAMS GALLERY	DATE 26-11-2022	TIME 10:00 AM
<small>Registration is free and Book is given below:</small> https://www.sitams.ac.in/online-store		
		
<small>Organized by</small> Dr. M. Saravanan <small>HOD-IIC</small>	<small>Organized by</small> Dr. K. Gopi <small>HOD-ECE</small>	<small>Organized by</small> Dr. C. Kavitha <small>President-IIC</small>
<small>Organized by</small> Dr. S. Vijayakumar <small>Coordinator</small>		

Technical lecture on Testing (DFT) and Its Importance in Semiconductor Industries(26-11-2022)

Badminton Tournament 2022

SITAMS organized Badminton Tournament 2022 on the occasion of Late Dr. D.K. Audikesavulu Garu 81st Birth Anniversary from 19th September to 21st September 2022 at Indoor Stadium. Around 150 students have participated in the Tournament. The Principal of SITAMS distributed prizes to the students who have shown outstanding Performance.

Badminton Winner - Runner Prize List

Shuttle Badminton Womens Singles

1st Prize	K.Sirisha	ECE-IV	Winner
2nd Prize	A.Geethika	CSE-I	Runner

Shuttle Badminton Womens Doubles

1st Prize	C.Keerthi Krishna	ECE-IV	Winner
1st Prize	B.Mounika	EEE-IV	Winner
2nd Prize	P.G.Arathi	CSE-IV	Runner
2nd Prize	N.Sravani	CSE-III	Runner

Shuttle Badminton Men Singles

1st Prize	S.Jabiulla	CSE-I	Winner
2nd Prize	K.Khaleef	MBA-I	Runner

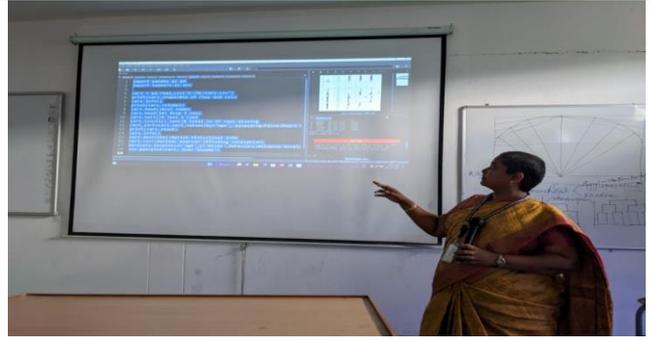
Shuttle Badminton Men Doubles

1st Prize	K.Khaleef	MBA-I	Winner
1st Prize	Charan Raj	MBA-I	Winner
2nd Prize	K.Mohammad Ali	CSE-IV	Runner
2nd Prize	Mahesh	MCA-I	Runner



Badminton Tournament 2022 on the eve of 81st birth Anniversary of
Late Sri D.K. Audikesavulugaru, Founder Chairman, SITAMS(19-09-2022 & 21-09-2020)

Workshop/Conference/Webinar conducted



Two Days workshop on “Machine learning for data science applications using python”
Organized by department of CSM

Departmental Fests



AITECH2k22 Organized by Department of CSM

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.



Tree Plantation at Pantram Palli (16-07-2022)



Provided lunch in Orphanage at Thapovanam (27-07-2022)



SWACHHATA in Orphanage Near collectorate (30-07-2022)



Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Essay writing (08-08-2022)



Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Quiz(08-08-2022)



Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Elocution(08-08-2022)



Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Poster and Digital Presentation (08-08-2022)



Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Lecture On History Of National Flag & Value & Respect Of Tiranga (08-08-2022)



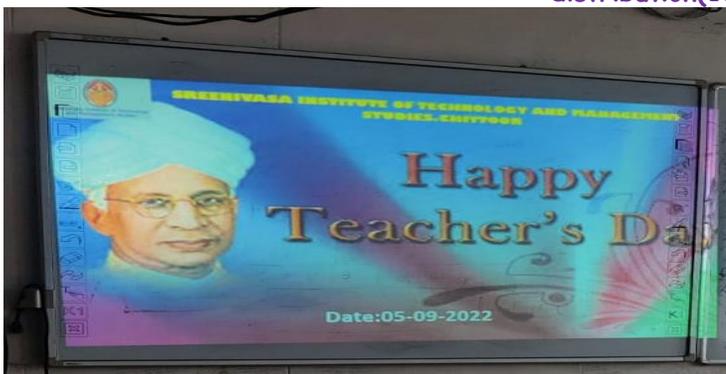
Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Swachhata (11-08-2022)



Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Rally on Ban the Plastic (12-08-2022)



Har Ghartiranga Abhiyaan part of "Azadi ka Amrit Mahotsav" program- Cultural activities and Prize distribution(13-08-2022)



Teacher's Day Celebrations(05-09-2022)



Awareness on accident prevention addressed by DSP traffic chittoor(07-09-2022)



International Literacy Day(08-09-2022)



World suicide prevention Day(10-09-2022)



Engineer's Day (15-09-2022)



International Peace Day(16-09-2022)



Ozone Protection Day(17-09-2022)



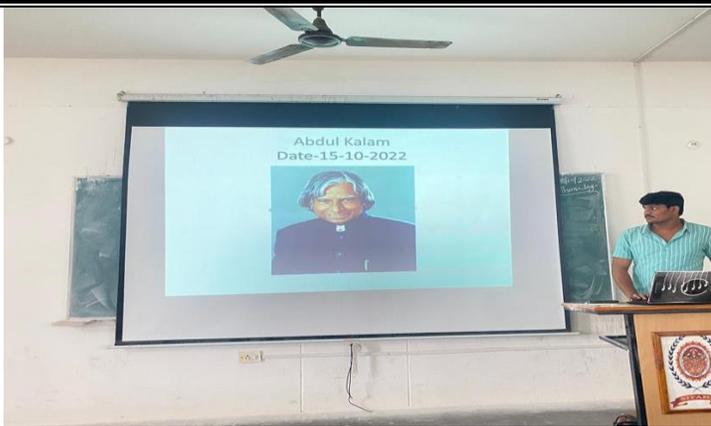
NSS Foundation Day (24-09-2022)



Gandhi Jayanthi (02-10-2022)



World Mental Health Day(10-10-2022)



Abdul Kalam Birth Day (15-10-2022)



World Food Day (16-10-2022)



UNO DAY (24-10-2022)



World Tsunami Awareness Day (5-11-2022)



Vigilance Awareness Week-Conducted Elocution and Essay competitions(31-10-22 to 6-11-2022)



National Cancer awareness day - Volunteer Ms.Likitha of III CSE delivered a lecture(7-11-2022)



C V Raman Birthday - Volunteer Mr.D Rakesh of III ECE gave speech "in the field of light scattering"(7-11-2022)



National Education Day (11-11-2022)



Constitution day of India- Conducted Quiz & Debate on constitution formation & its need (26-11-2022)



World Aids Day- Ms.Sandhya, II-CSE gave awareness on AIDS (01-12-2022)



Literacy Day- Ms.Rachana, III-CSE briefed about need of literacy to people(02-12-2022)



International volunteers day for social development - volunteers attended the debate on role of people in the society (05-12-2022)



International Anticorruption Day - Mr.C.Sudhakar, III-ECE motivated the students against the corruption in & around the society (09-12-2022)



Human rights Day- Mr.Dora Dondanadha Reddy, III-ECE motivated the students need to fight against the anti terrorism in the society - (10-12-2022)



Kisan Divas/Former's Day- Volunteers actively interacted with farmers, learnt how to cultivate in soil when yield is at the end (23-12-2022)



Faculty Achievements

Papers Published

- M.Arthi, HOD/Professor of CSM Department published “Unmanned aerial vehicle assisted reconfigurable intelligent surface for energy efficient and reliable communication”, book chapter in unmanned aerial vehicle cellular communications, Springer,during October 2022.
- M. Arthi et.al., (2022). Outage Probability Analysis Transmit Power Optimization for Blind-Reconfigurable Intelligent Surface-Assisted Non-Orti Multiple Access Uplink, Sustainability as part of the Special Issue Award Sustainable 6G Wireless Communication Systems, 14, 13188, <https://doi.org/10.3390/su142013188> (TR: 3.889) during October 2022.
- M. Arthi, et.al., (2022), A Deep Learning-based Robust Automatic Modulation Classification Scheme for Next-Generation Networks, Journal of Circuits, Systems, and Computers, <https://doi.org/10.1142/S0218126623500676> (TR: 1.33) during October 2022.
- M. Arthi et.al., (2022), Transmit Antenna Selection Strategies for Spectrally Efficient Spatial Modulation Techniques, International Journal of Communication Systems, 35(7), DOI: 10.1002/dac.5099 (TR: 2.047) during October 2022.

FDPs/Workshops Attended

- M.Arthi, HOD/Professor of CSM Department has attended a one five day’s workshop on "Optimization Techniques and Data Analytics: Multidisciplinary Industrial Approach” at VIT, Vellore, during 10th -14th October 2022.
- M.Arthi, HOD/Professor of CSM Department has attended three day’s FDP on “Emerging Technologies For 5g or 6g Wireless Communication” at VIT, Vellore, during 23rd -25th January 2022.
- D.Gowtham, Assistant professor of CSM Department has attended five days online FDP on "Recent Trends in Digital Image Processing Techniques” during 5th December 2022 to 9th December 2022, at SITAMS, Chittoor.

Acted as Resource Person/Session Chair

- Dr. M.Arthi, delivered a lecture on “Small Cell Networks” at value added course on “Next Generation Radio Communication Technologies(NGRCT)-2022 held by Department Of Communication Engineering, School of Electronics Engineering, Vellore Institute of Technology, Vellore on 11-09-2022.

Students Achievements

Webinars/Workshops Attended

- Hemapriya Mangati, III CSM student participated in the Workshop on “Entrepreneurship and Innovation as Career Opportunity” organized by Institution’s Innovation Council(IIC) at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor during October 2022.
- One day workshop on “Manual Vs Automated Testing” organized by Department of CSM and MCA at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor during November 2022.
- One day workshop on “Application Development using Python” organized by Department of CSM and MCA at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor during November 2022
- III & II year student of CAI and CSM participated two days Workshop on “ Machine learning for data science applications using python” organized by department of CSM at Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor during December 2022.

NPTEL Completed

S.No	Reg. No.	Name of the Student	Course Name	No of weeks	Award
1	20751A3328	L.Sreeharshitha	Database Management System	8 Weeks Aug-Oct 2022	
2	20751A3324	K..S.P Teja	Database Management System	8 Weeks July-Oct 2022	

Students Toppers

The following is the list of Toppers for the academic year 2021-2022 II semester.

S.No	Year	Reg No	Student Name	GPA	RANK
1.	III YEAR	20751A3322	K MANOJ	9.65	I
2.		20751A3348	R JAHNAVI	9.37	II
3.		20751A3338	MANGATI HEMAPRIYA	9.30	III

Attended Games and Prizes/Awards received

Ms. B. Jenifer, I EEE participated in the 9th District Tennis volley Ball Championship-2022-23 held at Adarsa Vidyamandir High School, Maruthi Nagar, Kurnool from 16-12-2022 to 18-12-2022 and won the first prize.



Ms. B. Jenifer, I EEE won first prize



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)

An ISO 9001:2015 Certified Institution

**Dr. D.K. Audikesavulu Marg (Bangalore-Tirupati Bye-pass Road),
Murukambattu Post, CHITTOOR - 517 127**

Contact :08572-246299

Website:www.sitams.org