

## OUR INSPIRATION



Dr. D.K. Audikesavulu  
Founder Chairman



# e-NEWS LETTER

Volume: XXV Issue:1 January-June(2023)

## 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 /  
CSM

#### Faculty Advisors

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

#### Student Members

M. Lakshmi Kanth  
K. Thanusha  
III CSM  
K. Bhanu Prakash  
Reddy  
K. 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-of-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

#### Training program

The Training and Placement Cell organized a motivational talk on "How to get from Where you are to Where you want to be..." by SreeRam babu, motivational speaker on 7th June for B.Tech, MBA and MCA students. SreeRam babu majorly focused on areas like engineering and applications, how to gain knowledge on available resources.



Motivational talk on "How to get from Where you are to Where you want to be...(07-06-2023)

## Awareness Program

The Training and Placement Cell organized an awareness session on "Dreaming IAS - The Path to Achieve it" by Mr. KSR Anudeep Kumar, Director and CEO, KSR IAS Academy, Tirupati on 28<sup>th</sup> March 2023 for B.Tech, MBA and MCA students. He created the awareness on the UPSC exams, guided the students how to prepare for the exams and explained in detail about the exam pattern, syllabus and tips to solve the exam paper.



Awareness Program on "Dreaming IAS - The Path to Achieve it"(28-03-2023)

## VAIBHAV-2023(ANNUAL DAY)

The VAIBHAV-2023(Annual Day) was celebrated on 21st April 2023 at SITAMS. Prof. Ranga Janardhana, Vice-Chancellor, JNTUA, Anantapuramu was the Chief Guest, Sri K. Ranganatham, Chairman, SITAMS and Dr. K.L. Narayana, Academic Advisor, SITAMS are the Guests of Honour. Chief guest, Chairman, Academic Advisor and Principal distributed awards to the students for their outstanding performances in various events.



VAIBHAV-2023(Annual Day)(21-04-2023)

## Sports Day

The Sports Day was celebrated on 20th April 2023 at SITAMS. Sri.C. Peddi Reddy, DFO was the Chief Guest. Chief guest, Principal and Dean distributed awards to the students for their outstanding performances in Sports.



Sports day (20-04-2023)

## Women Empowerment Cell

### Sankranthi Sambaralu

Sankranthi Sambaralu -2023 was conducted on 13th January 2023 at the campus. Various events like Traditional dress competition, Pongal preparation and Rangoli Competition were conducted. The Chief Guest Sri K.Naga sowjanya Sub -Inspector of police, Disha women police station, Chittoor participated and distributed prizes to the winners



SANKRANTHI SAMBARALU-2023 (13-01-2023)

### Guest Lectures

A Guest Lecture on "Value of life, Motivational Speech on Life, Fear and Success" was conducted on 03-02-2023. The speaker of this programme Prof. Dr. Ushaa Eswaran (CEO, SEEK) gave a brief lecture to first year B.Tech Engineering students on the value of life, importance and how to achieve the goal of life, how to overcome fear or failure and how to reach the success. Nearly 550 students benefitted



Guest Lecture on "Value of life, Motivational Speech on Life, Fear and Success" (03-02-2023)

Guest Lecture on "Value of life, Social Responsibility awareness and its importance in Nation Building" was conducted on 21-04-2023, the resource person Sri. S. V. Sathya Narayana , Visakapatnam addressed the gathering and gave the significance of following the values in life. B.Tech , MBA and MCA students participated the programme.



Guest Lecture On "Value Of Life, Social Responsibility Awareness And Its Importance In Nation Building" (21-04-2023)

## International Women's Day celebration

On the occasion of International Women's Day celebration, we have conducted various events like debates, technical presentation and Elocution competitions and also a guest lecture "STHREE- An un ending Struggle" on 07th March 2023. Chief Guest Mrs. B V Sulochana Rani, 2nd Additional Junior Civil Judge, Chittoor addressed the students on women empowerment which means meeting social, economic and educational needs. The programme was organised by Dr H.Umamahesvari, Women empowerment cell Coordinator, supporting faculty and students gathered to conclude the occasion successfully , Nearly 430 students participated



"STHREE- AN UN ENDING STRUGGLE" (07-03-2023)

## Research & Development Cell

### International Conference

R&D cell was conducted 2nd International Conference on Advances and Innovation in Engineering and Sciences(ICAIES-2023) on 12th and 13th April 2023 at SITAMS. The programme is enriched by Key note presentations of Prof. Xiao Zhi Gao, Faculty of Science Forestry and Technology, School of Computing, University of Eastern Finland; Dr Reeba Korah, Dean, Alliance University, Bangalore; Dr. R.Murugan, Department of ECE, NIT,Silchar, Assam. We have received more than 150 manuscript papers and papers cover all the aspects of Science and Technolgy. This conference provide opportunities for the delegates to exchange new ideas and experience face to face, to establish business or research relationship and to find global partners for future collaboration.



2nd International Conference on Advances and Innovation in Engineering and Sciences(ICAIES-2023)  
(12-04-2023 & 13-04-2023)

## Entrepreneurship Development Cell

An Entrepreneurship awareness Camp (EAC) was organized by Entrepreneurship Development Cell on 25th March 2023 at SITAMS College, Chittoor from 10AM to 4PM in Gallery for the students of Diploma, MBA, MCA and B.Tech Students. Chief Guest Dr.J.Surya Kumar, CEO, SSIIE-TBI who gave an Expert talk on Entrepreneurship aims to improve entrepreneurial skills, the awareness needed to properly run a company are learned among individuals. Often, people can have knowledge, but polishing and incubation is necessary that are provided by EAC.

The chief guest was heartily welcomed by Dr.K.Sudarshan, Coordinator & HOD, Department of Management Studies, thanked the chief guest for explaining the students in strengthening their entrepreneurial motive and in acquiring skills and capabilities necessary for playing their entrepreneurial role effectively.



Expert talk on Entrepreneurship (25-03-2023)

## Institution's Innovation Council(IIC)

### National Youth day Celebrations

IIC cell conducted an Expert talk on the occasion of National Youth day Celebrations on 12<sup>th</sup> January 2023 with the resource persons Sri M. Narayanan, Secretary, Sri Ramakrishna Mission, Chittoor and Sri P.M.Prasad, Devotee, R.K. Matt, Hyderabad for B.Tech, MBA & MCA students.



National youth day celebrations (12-01-2023)

## Work Shop

IIC cell in association with Department of Electronics and Communication Engineering was conducted a Work shop on "Research Strategies in Artificial Intelligence" on 9<sup>th</sup> February 2023 with the resource person Dr. S.Sannasi Chakravarthy, Associate Professor, Department of ECE, Bannari Amman Institute of Technology, Sathyamangalam for II, III & IV B.Tech., ECE students.



Work shop on "Research Strategies in Artificial Intelligence" (09-02-2023)

## Guest Lecture

IIC cell was conducted an Expert Talk on "Process of Innovation Development, Technology Readiness 7thLevel(TRL);Commercilization of Lab Technolgnies & Tech-Transfer" on 9<sup>th</sup> February 2023 with the resource person Mr.Sheik Mohamed, Assistant Professor, Department of MCA,SITAMS, CHITTOOR for B.Tech& MCA students.



Expert Talk on "Process of Innovation Development, Technology Readiness 7thLevel(TRL);Commercilization of Lab Technolgnies & Tech-Transfer" (09-02-2023)

## Guest Lectures/Workshops/Webinars/Conferences/FDP organized

- Department of CSM & CSE organized a one day workshop on "Emerging Artificial Intelligence Use cases" for 3rd year CSM & CSE branch students on 22.02.2023. The speaker for the session was Dr. Rajiv Gandhi, Senior Scientist, Computational Science & Artificial Intelligence, Hotspot Therapeutics, Boston, USA and Dr.Prsannavenkatesh Durai, Computational Chemist Consultant on Drug Discovery, Hotspot Therapeutics, Boston, USA.



One day workshop on "Emerging Artificial Intelligence Use cases"( 22.02.2023)

- Department of CSM & CAI organized two days National Level Symposium "Innerv 23" for CSM & CAI branch students on 28.03.2023 & 29.03.2023.



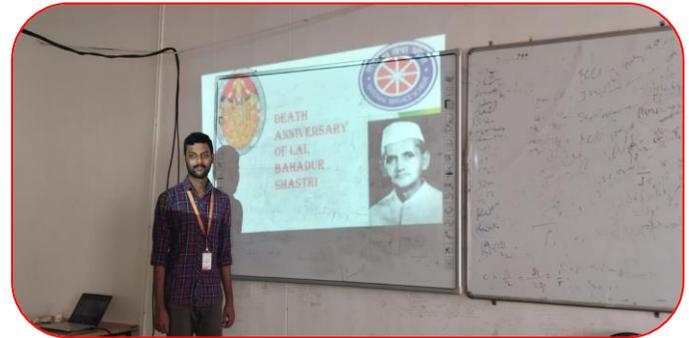
National Level Symposium "Innerv 23"( 28.03.2023 & 29.03.2023)

## 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.



World Hindi Day (10-01-2023)



Death anniversary of Lal Bahadur Shastri(11-01-2023)



National Youth Day (12-01-2023)



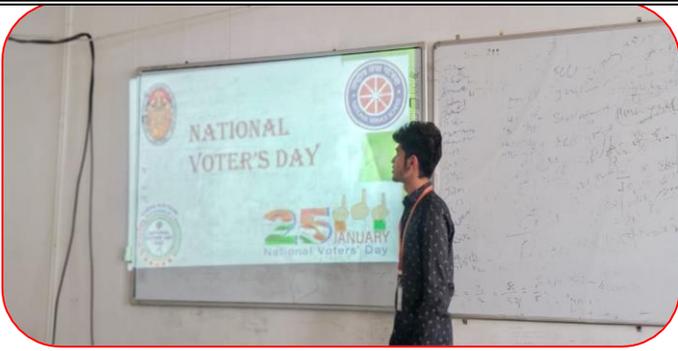
Sankranti celebrations(13-1-2023)



Indian army Day (19-1-2023)



Netaji Subhas Chandra Bose Jayanti(23-1-2023)



National Voters Day (25-1-2023)



Republic Day(26-1-2023)



Blood Group Identification for first year students(30-01-2023)



World Cancer Day (04-02-2023)



International Day of Women and Girls in Science (11-02-2023)



National Productivity Day (12-02-2023)



AP towards anti drugs (13-02-2023)



World Day of Social Justice (20-02-2023)



International Mother Language Day (21-02-2023)



Central Excise Day(24-02-2023)



National Science Day (28-02-2023)



International Women's Day (08-03-2023)



World Consumer Rights Day (15-03-2023)



National Vaccination Day (16-03-2023)



Ugadi Festival Celebrations (22-3-2023)



Special Camp (20-3-2023 TO 25-3-2023)



World Health Day (7-4-2023)



World Liver Day (19-4-2023)



CPR Programme in association with Apollo Medical College (24-4-2023)



World Environmental Day (5-6-2023)

## Faculty Achievements

### Best Teacher/Best Paper Awarded

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the conference	International/ National
1	Dr.R.Madonna Arieth Associate Professor	Enhancing Security Features In 5G Technology Using AI	2 <sup>nd</sup> International Conference on Advances and Innovations in Engineering and Sciences (ICAIES-2023), 12 <sup>th</sup> & 13 <sup>th</sup> April 2023	International

### Papers Published

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the Journal & Vol., Issue., Month & Year	Indexing details
1	Dr.M.Arthi Professor	“Blind Reconfigurable Intelligent Surface-Aided Fixed Non-Orthogonal Multiple Access for Intelligent Vehicular Networks”.	EURASIP Journal on Wireless Communications and Networking, Accepted	SCI
2	Dr.M.Arthi Professor	“RIS-Assisted Fixed NOMA: Outage Probability Analysis and Transmit Power Optimization”.	Future Internet, 15, 249.	SCI
3	Dr.R.Madonna Arieth Associate Professor	“Colon cancer stage detection in colonoscopy images using YOLOv3 MSF deep learning architecture”	Biomedical signal Processing and control 80,104283,2023	SCI

## Papers Presented

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the conference	International/ National
1	Dr.M.Arthi Professor	“Reconfigurable Intelligent Surface as an Access Point: Probability of Error Analysis for Discrete Phase Shifters ”.	International Conference on Computational Electronics for Wireless Communications: ICCWC 2022 (pp. 411-421). Singapore: Springer Nature Singapore.	International/ SCOPUS
2	Dr.M.Arthi Professor	“ Comparative analysis of Diabetes Prediction using different Machine Learning algorithms ”.	2 <sup>nd</sup> International Conference on Advances and Innovations in Engineering and Sciences (ICAIES-2023), 12 <sup>th</sup> & 13 <sup>th</sup> April 2023.	International
3	Dr.R.Madonna Arieth Associate Professor	Enhancing Security Features In 5G Technology Using AI	2 <sup>nd</sup> International Conference on Advances and Innovations in Engineering and Sciences (ICAIES-2023), 12 <sup>th</sup> & 13 <sup>th</sup> April 2023	International
4	Mr.V.Raghubathy Assistant Professor	Spine position monitoring system for old age people	2 <sup>nd</sup> International Conference on Advances and Innovations in Engineering and Sciences (ICAIES-2023), 12 <sup>th</sup> & 13 <sup>th</sup> April 2023	International
5	Mrs.R.Geetha Assistant Professor	Spine position monitoring system for old age people	2 <sup>nd</sup> International Conference on Advances and Innovations in Engineering and Sciences (ICAIES-2023), 12 <sup>th</sup> & 13 <sup>th</sup> April 2023	International
6	Mr.D.Gowtham Assistant Professor	Spine position monitoring system for old age people	2 <sup>nd</sup> International Conference on Advances and Innovations in Engineering and Sciences (ICAIES-2023), 12 <sup>th</sup> & 13 <sup>th</sup> April 2023	International
7	Mr.D.Gowtham Assistant Professor	Contrasting Methods in the new wave drone Technology	2 <sup>nd</sup> International Conference on Advances and Innovations in Engineering and Sciences (ICAIES-2023), 12 <sup>th</sup> & 13 <sup>th</sup> April 2023	International

## FDPs/Workshops Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Dr.M.Arthi Professor	Three days FDP on “Emerging Technologies for 5G/6G Wireless Communication”	VIT University, Vellore.	23-01-2023 to 25-01-2023
2.	Dr.M.Arthi Professor	International Connect- Seminar series on Emerging Artificial Intelligence Usecases	VIT University, Vellore.	20-02-2023 to 22-02-2023
3.	Dr.R.Madonna Arieth Associate Professor	Recent Advances in data science, data analytics and cyber security	Shri Vishnu Engineering College for Women	1.03.2023 To 05.03.2023
4.	Dr.R.Madonna Arieth Associate Professor	Outcome Based Education And Research Strategies	Sreenivasa Institute of Technology and Management Studies	10-05-2023 to 15-05-2023
5.	Mr.D.Gowtham Assistant Professor	Outcome Based Education And Research Strategies	Sreenivasa Institute of Technology and Management Studies	10-05-2023 to 15-05-2023

## Members as Reviewers

S.No	Name of the faculty	Title of Journals
1.	Dr.M.Arthi Professor, CSM	MDPI journals- Sensors, applied sciences, Sustainability, Mathematics
2.	Dr.R.Madonna Arieth Associate Professor, CAI	IJRES

## Students Achievements

### Students Toppers

The following is the list of Toppers for the academic year 2022-23 I semester.

Year	Reg No	Student Name	RANK
CSM II YEAR	21751A3354	M.HIMA BINDU	I
	21751A3319	D.HEMA	II
	21751A3364	MOGHAL AIMAN FATHIMA	III
CAI II YEAR	21751A3124	P LIKHITHA SREE	I
	21751A3131	PERIMINENI SINDHU	II
	21751A3118	M NISHEETHA	III
CSM III YEAR	20751A3338	MANGATI HEMAPRIYA	I
	20751A3322	K MANOJ	II
	20751A3302	A BHAVANA	III

## NPTEL Completed

S.NO.	REG.NO.	NAME OF THE STUDENT	COURSE NAME	NUMBER OF WEEKS	AWARD
1.	20751A3302	A BHAVANA	PYTHON FOR DATA SCIENCE	4 WEEKS	Completed
2.	20751A3304	A VENKATESH	PYTHON FOR DATA SCIENCE	4 WEEKS	ELITE
3.	20751A3317	JIYA JULIUS	REINFORCEMENT LEARNING	12 WEEKS	Completed
4.	20751A3321	KM THARUN	REINFORCEMENT LEARNING	12 WEEKS	Completed
5.	20751A3322	K MANOJ	REINFORCEMENT LEARNING	12 WEEKS	ELITE
6.	20751A3324	KSP TEJA	PROGRAMMING IN JAVA	12WEEKS	ELITE
7.	20751A3326	K THANUSHA	PYTHON FOR DATA SCIENCE	4 WEEKS	ELITE
8.	20751A3328	L SREEHARSHITHA	PROGRAMMING IN JAVA	12 WEEKS	ELITE
9.	20751A3331	M CHAITHANYA	REINFORCEMENT LEARNING	12 WEEKS	Completed
10.	20751A3338	M HEMAPRIYA	PYTHON FOR DATA SCIENCE	4 WEEKS	ELITE
11.	20751A3353	S R JAYASARANYA	REINFORCEMENT LEARNING	12 WEEKS	Completed
12.	20751A3362	V LOKESH	DATA ANALYTICS WITH PYTHON	12 WEEK	ELITE+ SILVER

## Webinars/Workshops Attended

S.No.	Name of the student	Title of paper	Name of conference	ISBN No.	Date
1.	A Venkatesh	Comparative Analysis Of Diabetes Prediction Using Different ML Algorithms	ICAIES-2023	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
2.	A Bhavana				
3.	K. Manoj				
4.	M.Hema Priya				
5.	M.Hima Bindu	Enhancing Security Features In 5G Technology Using AI	ICAIES-2023	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
6.	M.Aiman Fathima				
7.	M.Reddy Mohith				
8.	N.Neeraj Prasad				
9.	S. Sree Lakshmi	Contrasting Methods in the new wave drone Technology	ICAIES-2023	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
10.	D.Hema				
11.	P.Reddy Suchitha				
12.	Y.Seihitha Sree				



## **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**