

OUR INSPIRATION



Dr. D.K. Audikesavulu
Founder Chairman



e-NEWS LETTER

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MCA Department



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(2013-2021)

Sreenivasa Institute of Technology and Management Studies

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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 would like to thank all the faculty members and students for their limitless support and sincere efforts for the betterment and development of department. On this occasion, I congratulate all the team members of the editorial board for bringing up this issue in a better shape.



Dr.M. Kalpana Devi
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 become a center of excellence of skilled software professionals in Computer Applications.

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.

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

The Training 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 Camp Shri 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

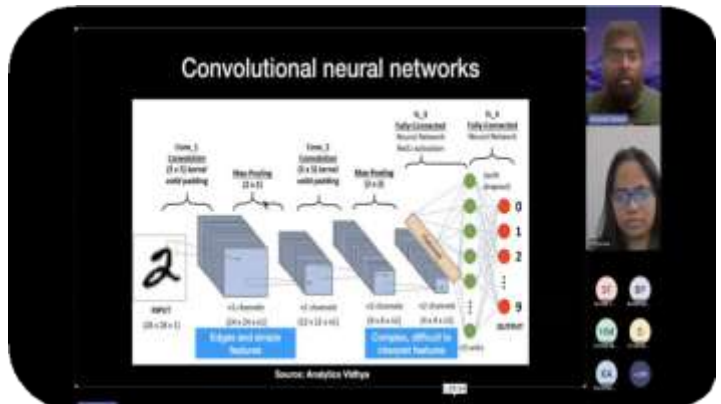
An international webinar was conducted on 24-11-2023 by Research and Development Cell, Dr. H.Umamahesvari, R&D Co-Ordinator, SITAMS organized the webinar for the benefits of students who are in Final Year B. Tech, MBA and MCA. In this program, the resource person of the webinar Dr. Naveen Kumar Reddy, 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 benefits 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 Webinar on "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 Combat Vehicles Research and Development establishment (CVRDE), DRDO Chennai gave 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 them with powerful engines, advanced suspension systems.



National Webinar on "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 dent College, Chittoor from 10AM to 4PM in Gallery for the stuof MBA, MCA and B.Tech(ECE&EEE). Dr. K. the Sudarsan, Convenor, Head of MBA Dept., introduced about Expert Talk on My Story-Motivational Session and by Successful Entrepreneur/Startup Founder to the audiencesaid that the importance of entrepreneurship, per innovation and commercialization in the nation and world. ExMr. B.R.M.V. KRISHNA, CEO of MayinKrish The Ventures Pvt. Ltd., Hyderabad started the session.participants gained knowledge about the rsation o entrepreneurship, need of start-ups, idea generation, conveyidea into product, how to start startup,s importance how to overcome the problems in the business and also it 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

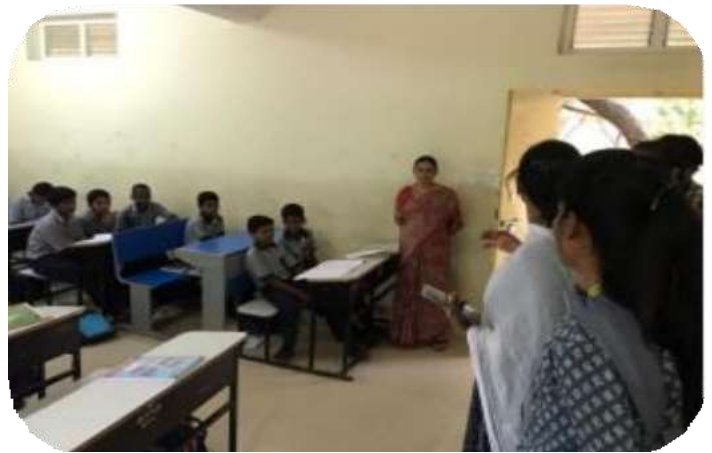
IQAC and Department of ECE organized an industrial expert talk on Early State Entrepreneurs-An Opportunity to students & Faculty on 21st July 2023. Dr.N.Nandakumar, proprietor of Prime Bio-medical systems, Tirupur is the chief guest of this technical event. The guest, Dr.N.Nandakumar explored the possibilities 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 entrepreneurs. 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 26th 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 Electronics and Communication Engineering 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 Lecture

Department of CSE organized a one day Guest Lecture on "Emerging Technologies in Cyber Security" for CSE branch students on 08.07.2023. The speaker for the session was Dr.MUNI RAJU NAIDU VADLAMUDI,VNR VJIED, Hydrabad.



"Emerging Technologies in Cyber Security" (08.07.2023)

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.



GURU PURNIMA (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)



SUICIDE AWARENESS AND 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'S Brand Ambassador of SITAMS



Faculty NPTEL Courses

S.NO	Name of the Faculty	Course Name	Number of Weeks	Award
1.	Mr.M.E.Palanivel	Artificial Intelligence : Search for Problem Solving	12 Weeks	
2,	Mr.M.E.Palanivel	Machine Learning and Deep Learning - Fundamentals and Applications	12 Weeks	

FDPs/Workshops/Webinars Attended

S.NO	Name of the Faculty	FDP Description	No.of days
1.	Dr.M.Kalpana Devi	Recent Trends in Artificial Intelligence & Data Science: <i>Attended a 3-Day National Level Faculty Development Programme on "Recent Trends in Artificial Intelligence & Data Science" at Sreenivasa Institute of Technology and Management Studies" from 3rd to 5th December 2023</i>	3 Days
2.	Mr.M.E.Palanivel	Artificial Intelligence : Search for Problem Solving by NPTEL during Jul-Oct 23	1.5 Weeks
3.	Mr.M.E.Palanivel	Machine Learning and Deep Learning - Fundamentals and Applications by NPTEL during Jul-Oct 23	1.5 Weeks
4.	Mr.M.E.Palanivel	<i>Attended a 3-Day National Level Faculty Development Programme on "Recent Trends in Artificial Intelligence & Data Science" at Sreenivasa Institute of Technology and Management Studies" from 3rd to 5th December 2023</i>	3 Days
5.	Dr.R.Saraswathi	<i>Attended a 3-Day National Level Faculty Development Programme on "Recent Trends in Artificial Intelligence & Data Science" at Sreenivasa Institute of Technology and Management Studies" from 3rd to 5th December 2023</i>	3 Days
6.	Dr.R.Saraswathi	<i>Attended a 5-Day FDP on "Machine Learning and Artificial Learning by APSSDC in collaboration with ExcelR Edtech Pvt Ltd.from 13.11.23 to 17.11.23</i>	5 Day
7.	Dr.R.Saraswathi	<i>Attended a 5-Day FDP "Cloud Infrastructure AWS" by JNTUK UCEN -JNTUK University College of Engineering Narasaraopet-Kakinada from 21.08.23 to 25.08.23</i>	5 Day
8.	Dr.R.Saraswathi	<i>Attended a 3 Day FDP "Data Science and Its Applications" by Bapatla Engineering College-Bapatla from 07.08.23 to 09.08.23</i>	3 Day
9.	Dr.Syed Fazuruddin	Attended a 5 Day International faculty Development Program on "Applications of mathematics in Various Fields with Innovative Approaches" at Bapatla Engineering College, Bapatla from 21-11-23 to 25-11-23	5 Day
10.	Mrs.R.Padmaja	<i>Attended a 3-Day National Level Faculty Development Programme on "Recent Trends in Artificial Intelligence & Data Science" at Sreenivasa Institute of Technology and Management Studies" from 3rd to 5th December 2023.</i>	3 Day

Faculty Development Program Organized

Date	Title of the FDP	No. of Resource Person	Organizer - 1	Organizer - 2
03-12-23 To 05-12-23	A Three Day Online National Level Faculty Development Program on Recent Trends in Artificial Intelligence & Data Science.	5 Resource Persons	Dr. M. Kalpana Devi, Professor, MCA Department	Mrs.R.Padmaja, Assistant Professor, MCA Départment



Sreenivasa Institute of Technology and Management Studies
(Autonomous) Murukambattu, Chittoor

MCA Department

Organizes Online FDP

FACULTY DEVELOPEMENT PROGRAMME ON RECENT TRENDS IN AI & DATA SCIENCE

DEC 3RD - DEC 5TH, 2023

Coordinators
Dr.M.Kalpana Devi
Professor & HOD , MCA Department
Mrs.R.Padmaja
Assistant Professor, MCA Department



Dr. K. Ramani,
Professor
Mohan Babu University, Tpt.



Dr.K. Chokkanathan,
Associate Professor,
MITS, Madanapalli



Dr.R.C. Saritha
Associate Director,
CDAC Bangalore



Dr.A.Manimaran,
Assistant Professor,
VIT-AP University



Dr,M,Arthi
Professor,
SITAMS, Chittoor



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Chairman - SITAMS
Sri.D.K.Badrinarayana
Secretary - SITAMS

Mr. M.E.Palanivel
Professor-
MCA Department,SITAMS

Advisors

Dr.M.Saravanan
Dean Academics,
SITAMS

Patrons

Dr.K.L.Narayana
Academic Advisor - SITAMS
Dr.N.Venkatachalapathi
Principal - SITAMS

Dr.S.Rajesh
Controller of Examinations,
SITAMS



Workshop's/Webinar's/Guest-Lecturer's Organized

<i>Date</i>	<i>Name of the Event</i>	<i>Resource Person</i>	<i>Event Type</i>	<i>Target Audience</i>	<i>Professional Society/Department Association</i>	<i>Co-ordinator</i>
07-11-2023	Amazon Web Services	Mr.M.Nagarjun, Sr.Software Engineer,TCS, Bangalore	Seminar	85	TTA	Dr.M.Kalpana Devi, HOD& Professor, MCA Department
04-09-2023	Artificial Intelligence & Machine language Algorithms	Dr. G. Gopichand, Assoc. Professor,Department of CSE, Vellore Institute of Technology, Vellore	Guest Lecture	60	TTA	Mrs.R.Padmaja Assistant Professor MCA Department

Workshops/Paper Publication

S · N O	Details of the Paper	Journal Category
1	Vedavathi, N., Venkatadri, K., Mozhi, K.S. <i>et al.</i> Numerical Analysis of Cu-H ₂ O Nano-Fluid Natural Convection in a Trapezoidal Enclosure Filled Withporous Medium. <i>Int. J. Appl. Comput. Math</i> 9 , 121 (2023). https://doi.org/10.1007/s40819-023-01602-7	SCOPUS
2	Venkatadri, K., Fazuruddin, S., Anwar Bég, O., & Ramesh, O. (2023). Natural convection of nanofluid flow in a porous medium in a right-angle trapezoidal enclosure: a Tiwari and Das' nanofluid model. <i>Journal of Taibah University for Science</i> , 17(1), 2263224.	Science Citation Index Expanded (SCIE)
3	1. S. K SathyaHari Prasad, Dr. R. Saraswathi "Cybersecurity Measures for Secure Cloud-Based Data Storage and Sharing Utilizing AES and RSA Encryption" in IJSCSEIT, Volume 9, Issue 5, ISSN : 2456-3307, September-October-2023.	

Book Chapter

S · N O	Details of the Paper
1	<p>Dr.R.Saraswathi</p> <p>Title: "Agri Retail Product Management System" Authors: PerepiRajarajeswari, VinilaJinny S., R. Saraswathi, SawantSwaraAnant, ManavGoyal, Deraj RM, ISBN 9781032479507,344 Pages 84 Color & 23 B/W Illustrations, December 1, 2023 by CRC Press, Publisher/Imprint Taylor & Francis Ltd ISBN/Ean1032479507 / 9781032479507, FormatHardback Published :14/11/2023</p>

Patent Published

S N o	Name of the Faculty	Patent Published
1	Dr.M.Kalp ana Devi	Patent title of invention "UAV-Supported IoT Network Health Surveillance via Video Steganography Techniques" published in the 15th December 2023. Apl. No. 202341074335

Participated/Presented Papers in Conference

S · N O	Details of the Paper
1	Saraswathi R, G Shobarani, A Subramani, D Tamilarasan "Applying Deep learning and Transfer learning techniques for improving Animal Intrusion Detection in Agriculture Farms" Organized by CIT Chennai,(ICDSAAI-24),21 &22th December 2023.Publisher: IEEE

STUDENTS ACHIEVEMENTS

Online Courses

S.NO	Certification Course	I MCA & II MCA
1	NPTEL	23 members

Workshop's/webinar/Guest Lecturers Attended

Date of the Event	Title of the Event	No.Of Students
07-11-2023	Amazon Web Services	110
04-09-2023	Artificial Intelligence & Machine language Algorithms	60

Academic Excellence

S.NO	Name of the Student	CGPA	Place
II MCA			
1	Ms.P.Ramya	9.72	First
2	Mr.D.Devi Priya	9.58	Second
3	Mr.R.Vinitha	9.58	Second
4	Ms.M.Bhavaya Sri	9.51	Third

I MCA			
6	Ms.K.Kusuma	9.14	First
7	Ms.G.Jaya sree	9	Second
8	Mr.M.Rajesh	8.86	Third
9	Ms.B.Ravi Theja	8.86	Third

2021 - 23 Batch MCA Student Farewell Function













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