



Dr. D.K. Audikesavulu  
Founder Chairman

# NEWS LETTER

## Department of Mechanical Engineering



Estd:1998

Volume: XXII Issue:2 July-Dec(2020)

## Sreenivasa Institute of Technology and Management Studies

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### Inside this issue

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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 &  
Philanthropist

### PRINCIPAL'S MESSAGE



Dr. P. Ramesh Kumar  
Principal

SITAMS News letter broadcasts the information of the college and exhibits the hidden talents of the students and staff. It encloses the activities such as paper published, conferences attended and FDP by staff members and competitions won by the students and innovative projects carried out by them.

I take this opportunity to thank all the stakeholders for showing interest and continuous support. I extend my best wishes to all the students in their chosen career path and I am sure that the college will reach the zenith in the years to come and serve many more in the society.

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2020-21. I hope this will be continued further to improve the self-quality and department quality.



Dr. S. Rajesh  
HOD-MECH

### 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 centre of excellence in mechanical engineering studies and research.

### 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

## Research & Development

AICTE sanctioned Grant-in-Aid for the year 2019-20 under different categories

Name of the Coordinator	Title of the Project/Programme	Category	Total Grant-in-Aid Sanctioned
Dr. S. Rajesh	Material Science and Solid Mechanics Lab modernization	MODROB	9,22,353/-
Dr. C. Kavitha	Machine Learning and Deep Learning – An Application Perspective	Faculty Development Program	5,80,925/-
Dr. G P Pavan	Explainable Artificial intelligence and Machine Learning for solving learning problems using Python and Tensor Flow	Short Term Training Program	3,16,667/-



**Sreenivasa Institute of Technology and Management Studies (Autonomous), (NBA and NAAC Accredited), Chittoor, Andhra Pradesh**  
College code: SSCC



Department of Research and Development Cell  
in association with Department of CSE  
**Organizes**

**Webinar on**

**“5G for Connected Society”**

**Speaker**

**Dr. Vinoth Babu Kumaravelu**  
Associate Professor Senior,  
Department of Communication Engineering,  
School of Electronics Engineering,  
Vellore Institute of Technology, Vellore

Scheduled on: 01-08-2020  
Timing: 10.00 AM to 12.00 PM  
Registration link:  
<https://forms.gle/WjtLZNj1eSFgM3eW7>

**Convener**  
Dr. M. Arthi  
Associate Professor  
Department of CSE  
Mobile: 8778472964

- Who can attend: Faculties , Research scholar, Students
- Registration is free
- E-certificate will be provided to all the participants

**Webinar on “5G for connected society” - 01-08-2020**

**AICTE SPONSORED ONLINE FACULTY DEVELOPMENT PROGRAMME (PHASE-I)**

**Machine Learning and Deep Learning - An Application Perspective**  
19.10.2020 to 31.10.2020

**REGISTRATION DETAILS**  
Participants have to submit an online application with the following registration Link:  
<https://forms.gle/pPaxd6Y6vGaTdaJz6>

- No Registration fee
- An assessment will be conducted at the end of the program.
- Certificates will be issued to the participants with required attendance and those who qualify the assessment.

**IMPORTANT DATES**

Last date for registration : 16-10-2020  
Intimation of selection : 17-10-2020  
The selected candidate will be intimated through email.

**ELIGIBILITY FOR PARTICIPATION**  
This FDP is open to all faculty members of Engineering colleges and Research scholars of AICTE approved Institutions.

**CONTACT DETAILS**

Dr. C. Kavitha,  
Coordinator, AICTE sponsored FDP,  
Department of ECE  
Mobile: 9750044194  
Mail ID: [ecce@svnit.ac.in](mailto:ecce@svnit.ac.in)

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Mr. K. Manjunath	Mr. G. Erna

**TWO WEEKS ONLINE FACULTY DEVELOPMENT PROGRAMME (PHASE-I)**

**Machine Learning and Deep Learning - An Application Perspective**  
19-10-2020 to 31-10-2020

Sponsored by  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, New Delhi**



**Coordinator**  
Dr. C. Kavitha  
Associate Professor, Department of ECE



Organized by  
**Department of Electronics and Communication Engineering**  
**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**  
(Autonomous - NAAC, NBA Accredited)  
Markambath, Chittoor - 517 157, Andhra Pradesh  
[www.svnit.ac.in](http://www.svnit.ac.in)

**AICTE Sponsored TWO WEEKS ONLINE FACULTY DEVELOPMENT PROGRAMME (Phase I) On Machine Learning and Deep Learning - An Application Perspective - 19-10-2020 to 31-10-2020**

**AICTE SPONSORED ONLINE FACULTY DEVELOPMENT PROGRAMME (PHASE-II)**

**Machine Learning and Deep Learning - An Application Perspective**  
07.12.2020 to 19.12.2020

**REGISTRATION DETAILS**  
Participants have to submit an online application with the following registration Link:  
<https://forms.gle/KdRlyC9ZaitPQE7z63A>

- No Registration fee
- An assessment will be conducted at the end of the program.
- Certificates will be issued to the participants with required attendance and those who qualify the assessment.

**IMPORTANT DATES**

Last date for registration : 04-12-2020  
Intimation of selection : 05-12-2020  
The selected candidate will be intimated through email.

**ELIGIBILITY FOR PARTICIPATION**  
This FDP is open to all faculty members of Engineering colleges and Research scholars of AICTE approved Institutions.

**CONTACT DETAILS**  
Dr. C. Kavitha,  
Coordinator, AICTE sponsored FDP,  
Department of ECE  
Mobile: 9750044194  
Mail ID: [ecce@svnit.ac.in](mailto:ecce@svnit.ac.in)

**Organizing Committee**

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**Coordinator**  
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Associate Professor, Dept. of ECE

**Co-Coordinator**  
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Associate Professor, Dept. of ECE  
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Assistant Professor, Dept. of ECE

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Mr. K. Yoga Prasad	Mr. G. Hemachandra
Mr. K. M. Hemambaran	Mr. G. Munirathnam
Mr. Y. Ravikiran Varma	Mrs. J. Lavanya
Mr. K. Manjunath	Mr. G. Erna
Mr. M. Mohan Babu	

**TWO WEEKS ONLINE FACULTY DEVELOPMENT PROGRAMME (PHASE-II)**

**Machine Learning and Deep Learning - An Application Perspective**  
07-12-2020 to 19-12-2020

Sponsored by  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, New Delhi**

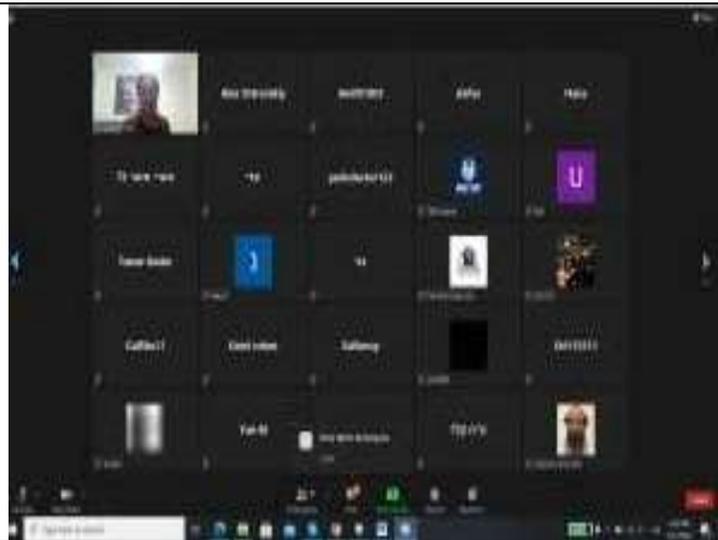


**Coordinator**  
Dr. C. Kavitha  
Associate Professor, Department of ECE



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**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**  
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**AICTE Sponsored TWO WEEKS ONLINE FACULTY DEVELOPMENT PROGRAMME (Phase II) On Machine Learning and Deep Learning - An Application Perspective - 07-12-2020 to 19-12-2020**



Teacher's Day Celebrations(05-09-2020)



Sri D.K Audikesavulu, chairman & founder and D.A.Sathyapraba, chairperson Birth anniversary (21-09-2020)



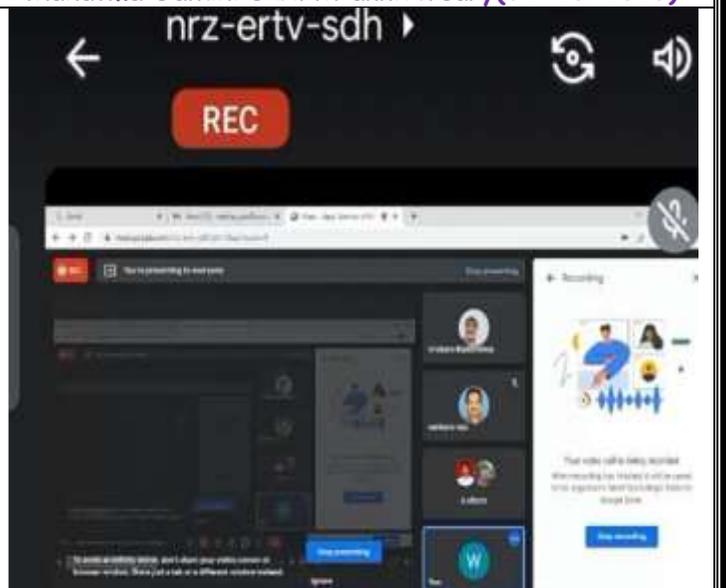
Engineer's Day Celebrations(15-09-2020)



Mahatma Gandhi's birth anniversary(01-10-2020)



Children's Day Celebrations(14-11-2020)



National Mathematics Day(22-12-2020)

## 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.



Rastriya Ektha Divas pledge on by NSS volunteers on the eve Sardar vallabai patel Birthday(31-10-2020)

## Faculty Achievements

### FDPs/Workshops/Webinars/Seminars Conducted

- Conducted a Seminar On Detailing Product design for oil and gas equipments by Mr. M. Jayachandra reddy, project manager Quest Global on 6.11.2020

A screenshot of an online seminar announcement. The header reads 'Sreenivasa Institute of Technology and Management Studies (Autonomous)'. Below it, it says 'Online Seminar on "Detailing Product- Design For Oil &amp; Gas Equipment's"'. The speaker is identified as 'Mr. Jayachandra Reddy, Project Manager, Quest global engineering Pvt. Ltd., Bangalore'. The date '06.11.2020' is visible at the bottom right.

- Conducted a Webinar On Material Science and Importance of Developing Composite Materials Combination of by Mr. M. Jayachandra reddy, project manager Quest Global on 21.8.2020

A screenshot of a webinar presentation titled 'Composite materials'. The slide contains text defining composite materials as a combination of two materials with different physical and chemical properties, which create a material specialized for a certain job. It lists benefits like improved strength and stiffness and mentions that the reason for their use over traditional materials is their improved properties. A Venn diagram shows the combination of Metal, Ceramic, and Polymer to form Composite. A chat window on the right shows a 'Top chat replay' with various user comments. The footer of the slide reads 'Material Science And Importance Of Developing Composite Materials | SITAMS Workshops'.

## Papers Presented

- Dr. T. ChinnaPamulety, Associate Professor has presented a paper on “Best Approach to Get an Optimal Solution to A Transportation Problem” Virtual International Conference on “Advanced Technologies and Research in Mechanical Engineering” held in Kerala during 26-10-2020 to 28-10-2020 at MEA College of Engineering, Kerala.
- Mr. V. Hemprasad, Assistant Professor has presented a paper on “Best Approach to Get an Optimal Solution to A Transportation Problem” Virtual International Conference on “Advanced Technologies and Research in Mechanical Engineering” held in Kerala during 26-10-2020 to 28-10-2020 at MEA College of Engineering, Kerala.

## FDPs/Workshops/Webinars Attended

- Dr. T. Chinna Pamulety, Associate Professor of Mechanical Department has attended four-day FDP on “Supply chain Management” on 13-8-2020 to 17-8-2020 at **Dr. B. R. Ambedkar National Institute of Technology**
- Mr. R. SATHEESH, Associate Professor of Mechanical Department has attended two days workshop on “RESEARCH METHODOLOGY USING R PROGRAMMING” during 2-7-2020 to 3-7-2020 at **SITAMS, CHITTOOR.**
- Mr. R. SATHEESH, Associate Professor of Mechanical Department has attended a Three days FDP on “SCOPE OF NANOMATERIALS IN ENGINEERING AND TECHNOLOGY” on 9-7-2020 to 11-7-2020 at **Marathwada Mitra Mandal’s College of Engineering, Karvenagar, Pune**
- Mr. R. SATHEESH, Associate Professor of Mechanical Department has attended a one-day FDP on “COVID-19 PREVENTION AWARENESS CAMPAIGN” on 26-7-2020 at **Swami Vivekananda Mahavidyalaya, Mohanpur, Tripura, India.**
- Mr. R. SATHEESH, Associate Professor of Mechanical Department has attended a Four days FDP on “ENTREPRENEURSHIP IN TECHNICAL START-UPS” on 7-8-2020 at **Maharaja Agrasen Institute of Technology, Delhi**
- Mr. R. SATHEESH, Associate Professor of Mechanical Department has attended A Five days FDP on “RESEARCH & INNOVATION” on 17-8-2020 to 21-8-2020 at **Vidyavardhaka College of Engineering, Mysuru, Karnataka** Mr. R.
- Mr. R. SATHEESH, Associate Professor of Mechanical Department has attended A One Day National Level Webinar on “Role of Artificial Intelligence in Industrial Automation and Agriculture” on 21-8-2020 at **Adikavi Nannaya University, Kakinada, AP.**
- Mr. R. SATHEESH, Associate Professor of Mechanical Department has AICTE Training And Learning (ATAL) Academy Online FDP on “DESIGN THINKING” during 8-11-2020 to 11-11-2020 at **Sri Manakula Vinayagar Engineering College, Pondicherry.**
- Mr. R. SATHEESH, Associate Professor of Mechanical Department has Five days FDP on “ELECTRIC VEHICLES ” on 29-6-2020 to 3-7-2020 at **University College of Engineering, Villupuram.**
- Mr. R. SATHEESH, Assistant Professor of Mechanical Department has Five days FDP on “ALTERNATE FUELS” on 8-12-2020 to 12-12-2020 at **University College of Engineering, Anna University.**
- Mr. P. Karunya moorthy, Assistant Professor of Mechanical Department has Five days FDP on “Current affairs and research scope in renewable energy” on 29-6-2020 to 3-7-2020 at **Chennai Institute of Technology**
- Mr. P. Karunya moorthy, Assistant Professor of Mechanical Department has attended four-day FDP on “Supply chain Management” on 13-8-2020 to 17-8-2020 at **Dr. B. R. Ambedkar National Institute of Technology**
- Mr. P. Karunya moorthy, Assistant Professor of Mechanical Department has attended one day FDP on “Fundamentals of Computational Fluid Dynamics.” On 6-09-2020 at **Chennai Institute of Technology**
- Mr. D. Raju, Assistant Professor of Mechanical Department has attended one day FDP on “Fundamentals of Computational Fluid Dynamics.” On 6-09-2020 at **Chennai Institute of Technology**

## Acted as Resource Person

- **Dr. T.ChinnaPamulety , Associate Professor of MECH Department acted as session chair in an two days Virtual International Conference on “Advanced Technologies and Research in Mechanical Engineering” held in Kerala during 26-10-2020 to 28-10-2020 at MEA College of Engineering, Kerala.**
- **Dr. T.Chinnapamulety , Associate Professor of MECH Department acted as session chair in a National conference on “Innovation in Engineering, Technology and Sciences” on 30-6-2020 at SITAMS, CHITTOOR.**

## Students Achievements

### FDPs/Workshops/Webinars Attended

- Mr. VuthejKumar from Mechanical Department has attended one day workshop on “Emmission control technology on heavy commercial vehicles” on 1-9-2020 at **Sky Rider Institution**
- Mr. VuthejKumar from Mechanical Department has attended three days workshop on “BMW complete car design using SOLID WORKS” During 11-9-2020 to 13-9-2020 at **SITAMS Chittoor**
- Mr. VuthejKumar from Mechanical Department has successfully completed course on “machine learning using python” on 31-5-2020 at **skyfi labs**
- Mr. VuthejKumar from Mechanical Department has attended one day workshop on “Awareness on industry safety during covid 19” on 23-5-2020 at **S.A. Engineering college Chennai**
- Mr. Vuthej Kumar from Mechanical Department has successfully completed course on “certificate basecamp in data science” on 12-5-2020 at **Spotle.ai**
- Mr. Vuthej Kumar from Mechanical Department has successfully completed course on “challenge-Test your cloud components” on 12-5-2020 at **Spotle.ai**

## Students Toppers

The following is the list of Toppers for the academic year 2020-21I semester.

S N	Year	Reg No	Student Name	GPA	RANK
1.	I YEAR	19751A0321	T PAVAN KUMAR	9.17	I
2.		19751A0315	KATABATHINA VENKATA RAMANA	8.5	II
3.		19751A0308	S MUSHARAF ALI	8.5	III
4.	II YEAR	18751A0363	J PRAVEEN	9.1	I
5.		18751A0325	S BHARATH	8.4	II
6.		18751A0317	EADDALA HEMANTH	7.85	III
7.	III YEAR	18755A0321	GADDAM KALYAN	9.28	I
8.		18755A0304	P HAREESH	8.7	II
9.		17751A0336	VATAMBATAM GURUPRASAD	8.6	III
10.	IV YEAR	16751A0314	M SAIKUMAR	8.78	I
11.		16751A0323	P PRUDHVEE	8.63	II
12.		16751A0309	K SUNIL KUMAR	8.5	III

## NPTEL Completed

S.No	Reg. No.	Name of the Student	Course Name	No of weeks	Award
1	18751A0359	R. GAYATHRI	Product design and development	4	Elite
2	18751A0307	B. CHARAN	Automation in manufacturing	12	-
3	18751A0308	B. YASWANTH	Fluid mechanics	8	-
4	18751A0317	E. HEMANTH	Industrial safety engineering	12	-
5	18751A0325	J. PRAVEEN KUMAR	Automation in manufacturing	12	Elite
6	19755A0310	T. REVANTH	Product design and development	4	Elite
7	19755A0309	S MD ASHWAQ	Product design and development	4	Elite+ Silver
8	19755A0307	N. JOSHIK	Product design and development	4	Elite

## Papers Presented

- G. Madhava Reddy, Mohammad Saad, students of Mech has presented a paper on “Best Approach to Get an Optimal Solution to A Transportation Problem” Virtual International Conference on “Advanced Technologies and Research in Mechanical Engineering” held in Kerala during 26-10-2020 to 28-10-2020 at MEA College of Engineering, Kerala.

## Placement

SNO	NAME OF THE STUDENT	ROLL NO	COMPANY NAME
1.	P PRUDHVEE	16751A0323	CTS
2.	K SUNIL KUMAR	16751A0309	CTS
3.	PANDUGAYALA VENKATA SAI	17755A0313	CTS
4.	KUMMARA V MAHESH	16751A0311	QSPIDERS
5.	P LAKSHMIPRASAD	16751A0324	QSPIDERS



## **SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**

**AUTONOMOUS - NAAC 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**