

## OUR INSPIRATION



Dr. D.K. Audikesavulu  
Founder Chairman



# e-NEWS LETTER

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

## Department of Mechanical Engineering



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(2013-2021)

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#### 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 previous academic. I hope this will be continued further to improve the self-quality and department quality. Department of MECH final year students performed well during in their placement activities and got placed in various MNCs.



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.

### 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 become a center of excellence in Mechanical Engineering and provide necessary skills to the students to meet the challenges in industry and society.

### DEPARTMENT MISSION

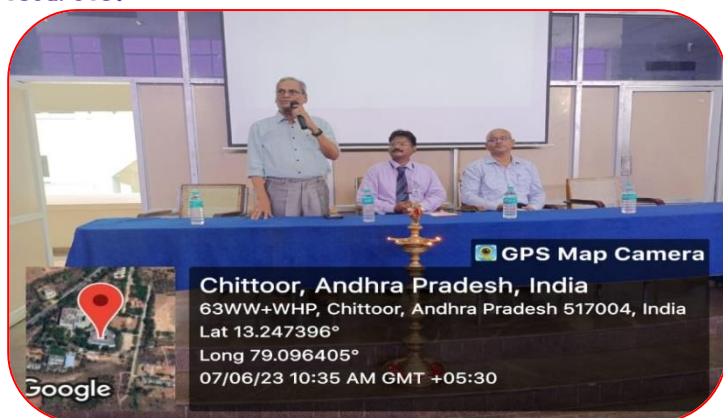
- ✦ Provide congenial academic ambience with necessary infrastructure and learning resources.
- ✦ Inculcate confidence to face and experience new challenges from industry and society.
- ✦ Ignite the students to acquire self reliance in State-of-the-Art Technologies
- ✦ Foster Enterprising spirit among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

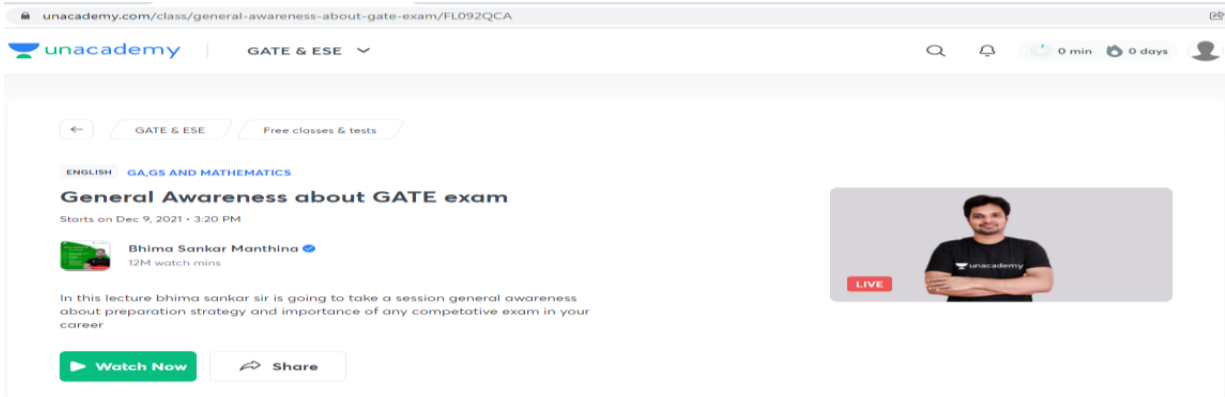
IIC cell conducted an Expert talk on the occasion of National Youth day Celebrations on 12<sup>th</sup> January 2023 with the resource persons Sri M. Narayanan, Secretary, Sri Ramakrishna Mission, Chittoor and Sri P.M.Prasad, Devotee, R.K. Matt, Hyderabad for B.Tech, MBA & MCA students.



National youth day celebrations (12-01-2023)

## Webinar

IIC cell in association with Department of Mechanical Engineering was conducted a webinar on "General Awareness about Gate exam" on 7<sup>th</sup> January 2023 with the resource person Mr. Bhima Sankar for IV B.Tech, MECH students.

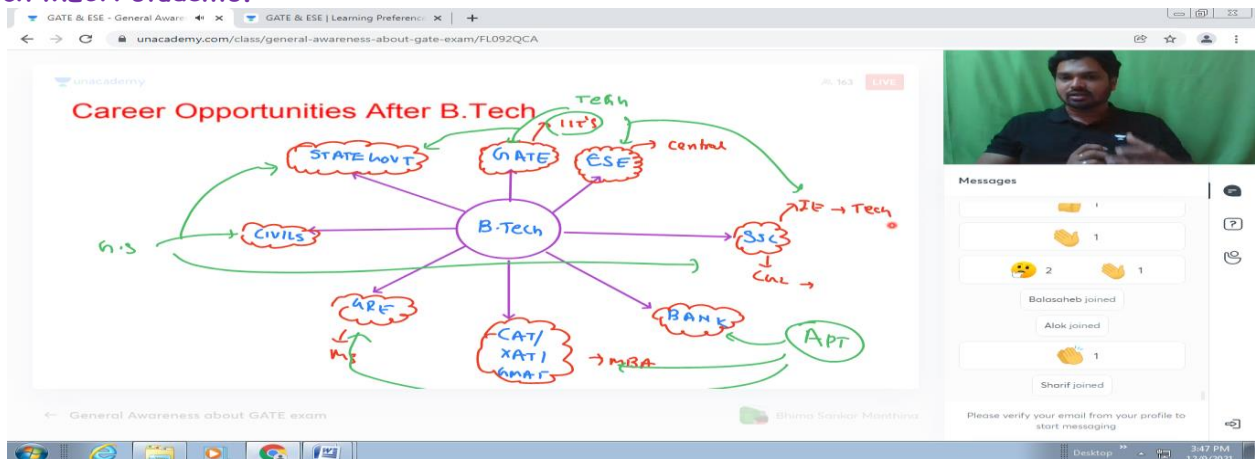


The screenshot shows a webinar page on unacademy.com. The page title is "General Awareness about GATE exam" and it is scheduled to start on Dec 9, 2021, at 3:20 PM. The resource person is Bhima Sankar Manthina, with a 12M watch time. The page includes a "Watch Now" button and a "Share" button. A small video thumbnail shows the speaker, Mr. Bhima Sankar, with a "LIVE" indicator.

Webinar on "General Awareness about Gate exam" (07-02-2023)

## Work Shop

IIC cell in association with Department of Mechanical Engineering was conducted a Work shop on "Career Opportunities After B.Tech" on 14<sup>th</sup> February 2023 with the resource person Mr. Bhima Sankar for II, III & IV B.Tech MECH students.



The screenshot shows a work shop presentation on "Career Opportunities After B.Tech". The central theme is "B.Tech", which branches into various career paths: STATE GOVT, CIVILS, GATE, ESE, SSC, BANK, CAT/XAT/AMBA, and APT. The diagram also includes "TECH" and "IE -> Tech" as options. A small video thumbnail shows the speaker, Mr. Bhima Sankar, with a "LIVE" indicator. The presentation is displayed on a screen with a chat window on the right side.

Work shop on "Career Opportunities After B.Tech" (14-02-2023)

## Guest Lecture

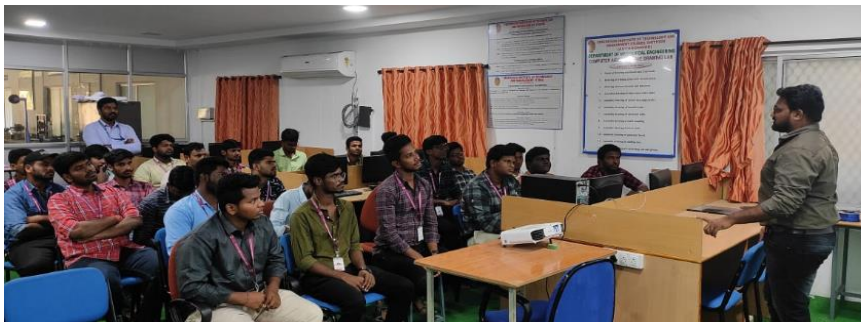
IIC cell was conducted an Expert Talk on "Guest Lecture on overview of Manufacturing Systems" on 26<sup>th</sup> February 2023 with the resource person Dr. S. Bhaskaran. Assoc. Professor, Dept. of Mechanical Engg. Madanapalle Institute of Technology & Sciences, Madanapalle for B.Tech students.



Expert Talk on "A manufacturing system can be defined as: a system in which raw materials are processed from one form into another, known as a product, gaining a higher or added value in the process and thus creating wealth in the form of a profit" (26-02-2023)

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

Department of Mechanical Engineering organized a guest lecture on "Career Guidance tips after Graduation by Alumni" for 4th year MECH branch studentson 24.04.2023. The speaker for the session was Mr. S. Pavan Kumar. Alumni, Department of Mechanical Engineering.

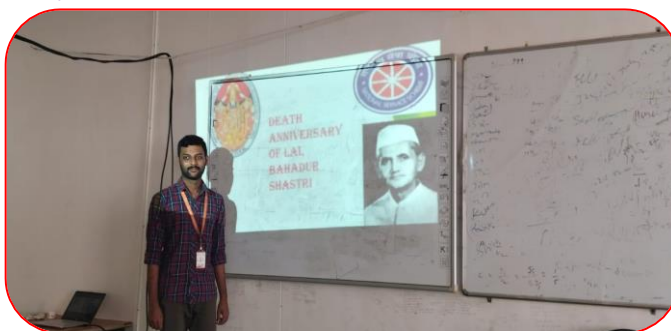


## National Service Scheme (NSS)

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)

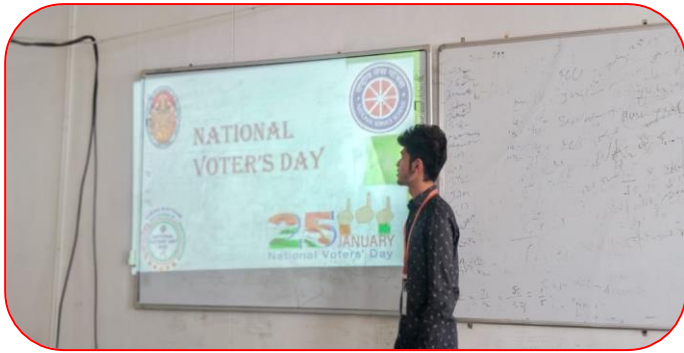


Indian army Day (19-1-2023)



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

### 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	N.Satish Kumar, Asst. Professor G.G.Sozhamannan Professor	“ Tribological Behaviour of Magnesium alloy (AZ91D) reinforced with graphene (MMC) by using Pin-on-disc”.	GIS science journal, March 2023	UGC Care
2	Dr.S.Rajesh Professor	“Online Monitoring of Fatigue Damage Using NI LABVIEW”.	Materials Today: Proceedings	Scopus

### FDPs/Workshops Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1	Mr.N.Manikantachari, Assistant professor	Research opportunities and futures of Additive manufacturing engineering	SRI MANAKULAVINAYAGAR ENGINEERING COLLEGE,PUDUCHERRY	30 <sup>th</sup> JAN-3 <sup>rd</sup> FEB-2023
2	Mr.N.Manikantachari, Assistant professor	Numerical and simulation tools for research in mechanical engineering-FDP	VIT-AP University, Amaravathi(AP)	20 <sup>th</sup> to24 <sup>th</sup> JUNE,2023.

### Faculty Patents

S.NO.	Name of the faculty	Title	Publication Date	Application Number
1	Dr. S.Rajesh Professor,	Intelligence platform for automated assistance to electric vehicles	05.05.2023	202341025668A

## Membership

S.NO.	Name of the faculty	Membership
1	Dr. S.Rajesh	MISTE
2	Mr.R.Satheesh	MISTE
3	Mr.N.Sathish Kumar	IAENG
4	Mr.D.Raju	MISTE, IAENG
5	Mr.V.Hema Prasad	IAENG
6	Ms. K.Santhosh Priya	IAENG
7	Mr.N.Manikantachari	IAENG
8	Mr.K.Narasimhulu	IAENG

## 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
II-I	22755A0307	V.HIMAVARSHA KARTHIK KUMAR	I
	22755A0301	G.PUNITH	II
	22755A0306	V.GOKUL	III
III-i	20751A0312	K.HEMA KRISHNA	I
	21755A0309	SIRAPARAPU VENKAT	II
	20751A0329	S.RADHA KRISHNAN	III
IV-II	19751A0301,321, 20755A0302	B.BHAVESH, T.PAVAN KUMAR, K.YESHWANTH	I
	19751A0311	P.PAVAN	II
	19751A0315	S.MUSHARAF ALI	III

### NPTEL Completed

S.No.	Reg.No.	Name of the student	Course Name	Number of weeks	Award
1	20751A0312	K.HEMA KRISHNA	Introduction to soft computing	8	ELITE
2	21755A0309	SIRAPARAPU VENKAT	Manufacturing Process Technology I & II	12	ELITE
3	20751A0313	K.JOSHNA	Product Engineering and Design Thinking	8	ELITE
4	20751A0316	KURUBA BHARATH	Mechanical Measurement System	8	ELITE
5	21751D8001	B.MANO HAR	Product Engineering and Design Thinking	8	ELITE

## Webinars/Workshops Attended

S.No.	Name of the student	Title of paper	Name of conference	ISBN No.	Date
1	B.LOKESH	Fabrication Of Go-Kart	ICAIES	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
2	C U YASHWANTH SAI				
3	D HARI PRASAD				
4	S SANJAY				
5	P JYOTHISWAR	Design and fabrication of seed sowing machine	ICAIES	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
6	D JAYANDRA SAI				
7	K HARISH KUMAR				
8	N ADITHYA				
9	B BHAVESH	Tribological Behaviour of Magnesium Alloy (AZ91D) reinforced with Graphene	ICAIES	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
10	P VISHNU				
11	S SYAM KUMAR				
12	T PAVAN KUMAR				
13	B SAI KIRAN	Experimental Investigation of Process Parameters of Manufacturing for MMC using AWJM	ICAIES	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
14	P PAVAN				
15	T GOWTHAM				
16	S MUSHARAF ALI				
17	P NAVEEN KUMAR				
18	P S MANOJ	Design and analysis of Go-Kart frame by using solid works 13 and Analysis 16.0	ICAIES	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
19	S NITHISH KUMAR REDDY				
20	VASU BALAJI				
21	K YESWANTH				
22	K VENKATARAMANA	Fabrication of paramotor-Glider	ICAIES	978-93-5891-642-3	12 <sup>th</sup> & 13 <sup>th</sup> April
23	S VAMSI KRISHNA				
24	R JASWANTH				
25	MALLIDI DILLIP				

## Placements

S.No.	Roll Number	Name of the student	Name of the Company
1	19751A0303	B.SAI KIRAN	Integer Telecom Services
2	19751A0310	N.ADITHYA	Shahi Exports Pvt. Ltd.
3	19751A0320	T.GOWTHAM	Integer Telecom Services
4	20755A0301	P.JYOTHEESWAR	Shahi Exports Pvt. Ltd.



## **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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