



INVITATION

Management, Principal, Staff and Students of
VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS)
Vijayawada-520007, Andhra Pradesh

request your gracious presence on the
Inaugural Session
of a 2 Day

National Seminar on
“SPACE TECHNOLOGIES & APPLICATIONS”

(Sponsored by Siddhartha Academy of General & Technical Education, Vijayawada)

on 6th November, 2019 at 09:30 AM

In Auditorium, V R Siddhartha Engineering College, Vijayawada

Chief Guest

Smt. Geeta Varadan

Satish Dhavan Professor, ISRO

Distinguished guests

Sri. Pradeep Gupta

Outstanding Scientist, URSC, ISRO, Bangalore

Dr. C. S. Jha

Outstanding Scientist and Group Director NRSC, ISRO, Hyderabad

Nalli N S S R K PRASAD

Technology Director, Aeronautical Development Agency (ADA), Bangalore

Sri Shashikant A Sharma

Scientist-SG and Group Head, VRG/EPSC, Space Applications Centre, ISRO, Ahmadabad

Dr Arindam Guha

Scientist SF NRSC, ISRO, Hyderabad

Guests of Honor

Sri N. Venkateswarlu

President, Siddhartha Academy of General and Technical Education, Vijayawada

Sri P. Lakshmana Rao

Secretary, Siddhartha Academy of General and Technical Education, Vijayawada

Sri M. Rajaiah

Vice-President, Siddhartha Academy of General and Technical Education

&

Convener, V R Siddhartha Engineering College, Vijayawada

Dr. A. V. Ratna Prasad

Principal, V.R. Siddhartha Engineering College, Vijayawada

will preside over

CSE, ECE & IT Departments

Registration form

Name: _____
 Designation: _____
 Institution & Department: _____
 Address: _____
 Qualifications: _____
 Experience in years: _____ Teaching: _____
 Research: _____
 Age: _____ Sex: Male/Female
 Telephone No. _____
 Email: _____

Signature of the _____ Signature of the
 Candidate Head of the Institution

Please register: <http://www.vrsiddhartha.ac.in/ns-sta/>

- Note:
- ❖ Registration Fee:
 - Rs. 2000/- for R&D Laboratories and Industry.
 - Rs. 600/- for outside faculty
 - Rs. 500/- for outside students
 - Attendance is mandatory for all the sessions to get the participation certificate.

Address for Communication:

Dr. S. Vasavi
 Professor, Department of CSE
 Mobile -9441063106

Registration starts at 9:00 AM on 6th Nov, 2019

Chief Patron

Sri N. Venkateswarlu, President,
 Siddhartha Academy of General & Technical
 Education (SAGTE)

Patrons

Sri P. Lakshmana Rao, Secretary, (SAGTE)
Sri M. Rajaiah, Vice-President, Siddhartha
 Academy of General & Technical Education
 (SAGTE) and Convener,
 V R Siddhartha Engineering College

College Advisory Committee

Dr A V Ratna Prasad, Principal
Dr N NSastry, Dean, R & D
Dr B PanduRanga Rao, Dean, Student
 Affairs

Chief coordinators:

Dr. K. Sri Rama Krishna
 Professor & Head, Department of ECE
Dr. D. Rajeswara Rao
 Professor & Head, Department of CSE
Dr. M. Suneetha
 Professor & Head, Department of IT

Co-Ordinators

Dr. S. Vasavi
 Professor, Department of CSE
 Email: vasavi_movva@vrsiddhartha.ac.in
N. Sunny, Assistant Professor, Dept of CSE
A. Ravi Raja, Assistant Professor, Department of ECE
V. RadheSyam, Assistant Professor, Department of IT

**“Space Technologies and
 Applications”**

**Organized by
 Departments of
 CSE, ECE & IT**



6th – 7th November, 2019

**Velagapudi Ramakrishna
 Siddhartha Engineering College**

Vijayawada-520007
 Andhra Pradesh

www.vrsiddhartha.ac.in

About the College:

Velagapudi Ramakrishna Siddhartha Engineering College (VRSEC) was established in the year 1977 as the first self-financing engineering college in the state of A.P. It is located in a vast expanse of 24 acres of land in Vijayawada city. The college offers 7 Undergraduate programmes and 10 Post graduate programmes. The faculty at present are about 350, comprising of well qualified professionals with varied experience and background. The college has been sanctioned with projects from various organizations like ISRO, DRDO, DST, AICTE and UGC. The college has more than 30 patent applications and more than 1000 publications in Reputed journals. The college has two Centers of Excellence one in Composite Technology and the other in Video Analytics. The college boasts 64 MoUs with industrial partners and has established Skill Development Centre in association with Govt. of AP. The college is accredited by NAAC with A grade and obtained NBA accreditation for all UG and 5 PG programmes in OBE format approved by Washington Accord, USA.

About CSE, IT & ECE Departments:

The departments of CSE, IT, ECE offer B.Tech programmes in Engineering and M.Tech Programme in various specializations. The B.Tech programs were accredited by NBA of AICTE in 2005, 2008, 2015 and 2018. The M.Tech programs were accredited by NBA in 2015. The departments have a team of highly qualified senior faculty with specializations in core areas of respective Engineering disciplines such as Machine Learning, Cyber Security,

Antennas, Image Processing, Signal processing, ANN, RF & MW. Faculty strength of these departments is 120 and intake is 540 students for UG and 90 for PG programmes in the three departments.

Objectives of the Seminar:

- Briefing about various kinds of Remote Sensing satellites, sensors and orbits
- Demonstrating different types Avionics Technologies for Combat Aircrafts.
- Differentiating Hyperspectral sensors and their applications which are related to Satellite Communication.
- Outlining communication satellites with their frequency bands, orbits that are used in remote sensing and space applications.
- Demonstrating the S band systems used in Indian regional and foreign navigation satellite systems and their applications with GPS and Differential GPS concepts used in SAC
- Data acquisition from BHUVAN satellite and exploring 2D/3D representations of surface of the earth.

Venue:

Auditorium,
VR Siddhartha Engineering College,
Vijayawada, Andhra Pradesh

Invited Speakers:

- ❖ Smt. Geeta Varadan, Satish Dhavan Professor, ISRO, Chief Guest
- ❖ Keynote Speaker:
Sri. Pradeep Gupta, Outstanding Scientist, URSC, ISRO, Bangalore
- ❖ Dr. C. S. Jha, Outstanding Scientist and Group Director NRSC, ISRO, Hyderabad
- ❖ Nalli N S R K PRASAD, Technology Director, Aeronautical Development Agency (ADA), Bangalore
- ❖ Sri Shashikant A Sharma, Scientist-SG and Group Head, VRG/EPSA, Space Applications Centre, ISRO, Ahmadabad
- ❖ Dr Arindam Guha Scientist SFNRSC, ISRO, Hyderabad

Target Audience:

Faculty from our college, other colleges and M. Tech Students.

Contents Covered:

- ❖ Module 1: Remote Sensing – Satellites/Sensors/orbits
- ❖ Module 2: Avionics Technologies for Combat Aircrafts
- ❖ Module 3: Hyperspectral Sensors and Applications
- ❖ Module 4: Artificial Intelligence and Data Analytics for EO Data
- ❖ Module 5: GPS and DGPS concepts, IRNSS and foreign navigational satellites and its applications, Demo of S band systems.
- ❖ Module 6: GIS Concepts & applications, Disaster Management, Overview of BHUVAN and its Demo

Space Technology and Applications

Venue: VRSEC, Vijayawada
6-11-2019 to 7-11-2019

	1	2	3	4	6
Date	09:30-10:30	10:30 – 11:30	11:45-1.00	14:00-15:30	15:45-17:00
6/11/19 (Day1)	Inauguration	Indian Space Programme (Smt Geeta Varadan) Earth Observation for sustainable forest management (Dr. C. S. Jha)	Satellite Communication : Technology, trends, applications and future directions (Dr Guptha)	Artificial Intelligence and Data Analytics for EO Data (Shashikant A Sharma)	Artificial Intelligence and Data Analytics for EO Data (Shashikant A Sharma)
7/11/19 (Day 2)	Case study	Case study	Case study	Avionics Technologies for Combat Aircrafts (Nalli N S R K PRASAD)	Hyperspectral remote sensing , Physical Basis, data processing and applications in Geosciences (Dr Arindam Guha)
			Tea break	Lunch break	Tea break

National Seminar on "Space Technologies and Applications"
Travel Plans

S. No.	Speaker Details	Arrival Date & Time	Flight Details	Departure Date & Time	Flight Details
1.	Smt. Geeta Varadan, Professor, ISRO	Date: 05-11-2019 18:35 (at Hyderabad) & 19:35 (at Vijayawada)	From Hyderabad to Vijayawada Flight No: 6E 7167	Date: 06-11-2019 Time: 15:30 (at Vijayawada) & 17:10 (at Bangalore)	From: Vijayawada to Bangalore Flight No: 6E 7133
2.	Sri. Pradeep Gupta, Outstanding Scientist, URSC, ISRO	Date: 05-11-2019 18:30 (at Bangalore) & 20:10 (at Vijayawada)	From Bangalore to Vijayawada Flight No: 6E 7134	Date: 06-11-2019 Time: 15:30 (at Vijayawada) & 17:10 (at Bangalore)	From: Vijayawada to Bangalore Flight No: 6E 7133
3.	Dr. C. S. Jha, Outstanding Scientist and Group Director NRSC, ISRO	Date: 05-11-2019 13:25 (at Hyderabad) & 14:30 (at Vijayawada)	From Hyderabad to Vijayawada Flight No: 6E 7205	Date: 06-11-2019 18:30 (at Vijayawada) & 19:35 (at Hyderabad)	From Vijayawada to Hyderabad: Flight No: 6E7209
4.	Sri Shashikant A Sharma, Scientist-SG and Group Head, VRG/EPSA, Space Applications Centre, ISRO	Date: 5-11-2019 Time: 08:15 (at Ahmedabad) & 10:00 (at Hyderabad) Date: 6-11-2019 Time: 6:25 (at Hyderabad) & 7:35 (at Vijayawada)	Ahmedabad to Hyderabad: Flight No: 6E 879 Hyderabad to Vijayawada: Flight No: 6E 7201	Date: 06-11-2019 Time: 21:30 (at Vijayawada) & 22:40 (at Hyderabad) Date: 07-11-2019 Time: 05:10 (at Hyderabad) & 07:00 (at Ahmedabad)	Vijayawada to Hyderabad: Flight No: 6E7206 Hyderabad to Ahmedabad: Flight No: 6E 995
5.	Dr. Arindam Guha Scientist SF NRSC, ISRO	Date: 07-11-2019 Time: 10:40 (at Hyderabad) 11:40 (at Vijayawada)	BySG 1061 flight	Date: 08-11-2019 Time: 12:00 (at Vijayawada)	BySG 1062 flight
6.	Dr. N.N.S.S.R.K. Prasad ADA, Bangalore	Date: 07-11-2019 Time: 10:00 (at Bangalore) 11:35 (at Vijayawada)	Bangalore to Vijayawada Indigo flight no: 6E7204	Date: 08-11-2019 Time: 8:45 (at Vijayawada) 9:45 (at Tirupathi) Date: 10-11-2019 Dep: 07:55 (at Tirupathi, Arr: 08:50 Hrs (at Bangalore)	Vijayawada to Tirupathi Air India flight no: AI459 Tirupathi to Bangalore Indigo flight no: 6E7106

National Seminar
on
“Space Technologies and Applications”
Organized by Departments of
CSE, ECE & IT

Day 1:

9:30AM to 11:00AM

Inauguration

11:00AM to 12:00PM

Smt. Geeta Varadan, Satish Dhavan Professor, ISRO gave speech on Indian Space Programme

12:00PM to 01:00PM

Sri. Pradeep Gupta, Outstanding Scientist and Programme Director Geo Spacecrafts, URSC, ISRO, Bangalore Satellite Communication: Technology, trends, applications and future directions

02:00PM to 3:30PM

Dr. C. S. Jha, Outstanding Scientist and Group Director NRSC, ISRO, Hyderabad, gave speech about Earth Observation for sustainable forest management and project applications in NRSC under RESPOND.

3:30PM to 05:00PM

Sri Shashikant A Sharma, Scientist-SG and Group Head, VRG/EPISA, Space Applications Centre, ISRO, Ahmadabad, given speech about Artificial Intelligence and Data Analytics for EO Data

Day 2:

09:30AM to 10:30AM

Dr. M Suneetha, Professor and Head IT department, given the information about NRSC Respond Project and given the details of “Development and Evaluation of Algorithms for automated Tree Delineation and Tree parameters (height and crown diameter) Estimation for Forestry Applications” Project as a Case study

10:30AM to 11:30AM

Dr. B Lakshmi Sirisha, Associate Professor, ECE Department, given information about NRSC Respond Project and given the details of “Development of image processing methods for Assessing the Content of Trees Outside Forests using IRS High Resolution Satellite Images” Project as a Case study

11:30AM to 12:30AM

Dr. M Vasavi, Professor, Dept. of CSE given the information about ADRIN Projects and explained the details of “Robust Video Analytics” Project as a Case study.

02:00PM to 3:30PM

Nalli N S S R K PRASAD, Technology Director, Aeronautical Development Agency (ADA), Bangalore given information about Avionics Technologies for Combat Aircrafts

3:30PM to 05:00PM

Dr Arindam Guha, Scientist SF NRSC, ISRO, Hyderabad, given his speech about Hyperspectralremote sensing,Physical Basis,data processingand applicationsin Geosciences



VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE

(AUTONOMOUS)

Kanuru, Vijayawada, Andhra Pradesh-520 007

Departments of ECE, CSE & IT

A Two Day National Seminar

ON

“Space Technologies & Applications”

6th - 7th November, 2019

CERTIFICATE

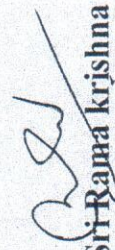
This is to certify that Dr./Mr./Ms. _____

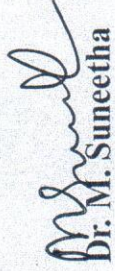
of _____ has attended a two day national

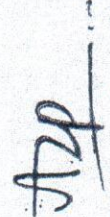
seminar on “Space Technologies & Applications” held on 6th - 7th November, 2019 organized by the
Departments of ECE, CSE & IT at Velagapudi Ramakrishna Siddhartha Engineering College,

Vijayawada, Andhra Pradesh.


Dr. D. Rajeswara Rao
HOD, CSE


Dr. K. Sri Rama krishna
HOD, ECE


Dr. M. Suneetha
HOD, IT


Dr. A.V. Ratna Prasad
Principal

External Participants

REGISTRATION FORM
National Seminar

On


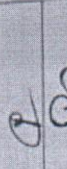














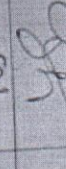
Space Technologies and Applications
(6th - 7th NOV 2019)

Organized by Departments of ECE, CSE & IT

VELAGAPUDI RAMAKRISHNA SIDDHARTH ENGINEERING COLLEGE

S.NO	NAME OF THE PARTICIPANT	DESIGNATION	NAME OF THE COLLEGE	MAIL ID	MOBILE NO	SIGNATURE
1	V. Pradyumna	Asst. Prof	Sri Vasavi Engg College Indraprastha	v.pradyumna93@gmail.com	6302772288	[Signature]
2	Ch. L. S. Pavan Kumar	Asst. Prof	Sasi Institute of Tech. & Engg. Tadipatri	leelo.pavan@sasi.ac.in	9951855792	[Signature]
3	Dr P. S. Lakshmi	Prof	PVP SIT, Kavuru	Prinenivis1@gmail.com	9640358424	[Signature]
4	D. Swathi	Asst. prof	PVP SIT,	dsuathar28@gmail.com	7640734593	[Signature]
5	C. Subbarao	Prof	PVP SIT	cs.sra1@gmail.com	9290876076	[Signature]
6	K.R. Rajeswari	Asst. prof	Vijaya Institute of Technology Tadipatri	rajafeswari@gmail.com	9849441437	[Signature]
7	Dr. A. Geetha Devi	Assoc. prof	PVP SIT, Vijayawada	geetha.gd@gmail.com	985885828	[Signature]
8	M. T. Hensley	"	"	hensleyt@gmail.com	944031211	[Signature]
9	K. Aritha	"	PVP SIT, VSA	araritha@gmail.com	9490647666	[Signature]
10	L. Madhukar	Asst. prof	"	madhukar.l@gmail.com	9912452574	[Signature]
11	DVS. Madhar	Member	PVP SIT, VSA	mmadhar@gmail.com	9032962684	[Signature]

Internal Participants (VRSEC).

S.NO	NAME OF THE PARTICIPANT	DESIGNATION	E-MAIL ID	MOBILE NO	SIGNATURE
1	V. RAJESH	Asst. Prof.	rajeshhenuvizes@gmail.com	9812964444	
2	Dr. S. Srilakshmi	Asst. Prof.	Srilakshmi71977@gmail.com	9248475868	
3	Dr. Ch. Balaji Rani	Asst. Prof.	chbalaji@gmail.com	9959503380	
4	K.S. VIJAYA LAKSHMI	Asst. Prof.	vijaya@vrsecdhanu.ac.in	9110180618	
5	S. SUNITHA	Asst. Prof.	sunit63@gmail.com	9246292473	
6	Dr. Sh. Fathimasebi	Asst. Prof.	fathimasebi@gmail.com	9492688417	
7	S. Niharika (CSE)	Asst. Prof.	sakrutihiharika@gmail.com	9000476952	
8	Ch. Anuradha (CSE)	Asst. Prof.	anuradha.chintal@gmail.com	8919578029	
9	V. Deepa (CSE)	Asst. Prof.	deepa@vrsiddhanta.ac.in	9705158844	
10	Ch. Raga Madhwi	Asst. Prof.	madhwi.chandralakshmi@gmail.com	9490062481	
11	Dr. G. SRIDEVI	HOD, Physics	drsrivedevi@gmail.com	9441638811	
12	Dr. B. L. Srisisha	Associate Prof.	srisishababbs@yahoo.com	8099081212	
13	Dr. P. Saiiah Sulasmi	Assoc. Prof.	pallikondasulasmi@gmail.com	9848143804	
14	V. Saritha	Asst. Prof.	sarithegoreen@gmail.com	9704149491	
15	K. Naga Sunanda	Asst. Prof.	naga.sunanda.5@gmail.com	7799165412	
16	K. Sneha	Asst. Prof.	sneha.k1606@gmail.com	9640028639	
17	Y. Sarada Devi	Asst. Prof.	y.s.686@gmail.com	97703204333	

S.NO	NAME OF THE PARTICIPANT	DESIGNATION	E-MAIL ID	MOBILE NO	SIGNATURE
35	G. Parani	II M.Tech/EE VLSI/ES	Paranigorindur1996@gmail.com	9963036527	<i>[Signature]</i>
36	Hema Malini D	II M.Tech/EE VLSI/ES	hemamalini.m9@gmail.com	8897136666	Hema
37	K. Rajya Lakshmi	II M.Tech/EE VLSI/ES	rajyalakshmi.k96@gmail.com	7799640967	<i>[Signature]</i>
38	P. Pallavi	II M.Tech/EE VLSI/ES	408Pallavi.Pallam@gmail.com	9912349723	Pallavi
39	Ch. Prasanthi	II M.Tech/EE VLSI/ES	chilla.prasanthi.24@gmail.com	9182957888	Prasanthi
40	P. Deepasanne	II M.Tech/EE VLSI/ES	prasanma891@gmail.com	9705012456	Deepa
41	A. Sai Haranadh	II M.Tech/EE VLSI/ES	hasanadhsai@gmail.com	8464824042	<i>[Signature]</i>
42	P. Anand	II M.Tech/EE VLSI/ES	purimitha.aravind@gmail.com	9848211257	P. Anand
43	L. SUMANJLI	II M.Tech/EE VLSI/ES	ksumanji@gmail.com	8885628856	L. Sumanji
44	G. Deepthi	II M.Tech/EE VLSI/ES	Keerthavagali1992@gmail.com	8639148010	<i>[Signature]</i>
45	K. Sandhya	II M.Tech/EE VLSI/ES	Kovesandhya1234@gmail.com	7032543859	K. Sandhya
46	B. Renuka Choudhary	II M.Tech/EE VLSI/ES	renukachoudhary321@gmail.com	6300355499	B. Renuka
47	B. Sivalli	1 st M.Tech/ES	valibhivanagiri@gmail.com	8333954533	<i>[Signature]</i>
48	Ch. Sindhu	1 st M.Tech/DS	sindhu.chettyra@gmail.com	7471866753	Ch. Sindhu
49	G. Aneetha	1 st M.Tech/DS	gudavallianeesha@gmail.com	888229026	G. Aneetha
50	P. Susceela	1 st M.Tech/DS	pulivanthisuceela@gmail.com	2019785787	P. Susceela
51	T. S. Aparna	1 st M.Tech/DS	aparnatatavasthi29@gmail.com	9550361274	<i>[Signature]</i>

S.NO	NAME OF THE PARTICIPANT	DESIGNATION	E-MAIL ID	MOBILE NO	SIGNATURE
18	Kesavikrishna	M.Tech 2 nd Year	Satishkrishna.bkpk@gmail.com	897759529	[Signature]
19	M. Lekhitha	M.Tech 1 st year CSE	lekhitthamosla9@gmail.com	9603066364	M. Lekhitha
20	R. Gagana Sri	M. Tech 1 st year CSE	gagana.rachamallu@gmail.com	9553585356	R. Gagana
21	Ms. Nourien	M.Tech 1 st year CSE	shamamd999@gmail.com	9640251699	Ms. Nourien
22	K. Karjyasri	M.Tech 1 st year CSE	karjyasrikondeti@gmail.com	6300226871	K. Karjyasri
23	Ch. Triveni	M.Tech 1 st year CSE	cheekuri.triveni135@gmail.com	8500842872	Ch. Triveni
24	Y. Manasa	M.Tech 1 st year CSE	manasamandava.23@gmail.com	8096255234	Y. Manasa
25	V. Rohini	M.Tech 1 st year CSE	valaparbrohini1998@gmail.com	8464947095	V. Rohini
26	M. Yamini	M.Tech 1 st year CSE	yaminireddy.0001@gmail.com	9160065935	M. Yamini
27	V.A.A. Manasvi	M.Tech 1 st year CSE	manasvisarman98@gmail.com	6309091998	M. Manasvi
28	Shaik. Lathifa Nihal	M.Tech 1 st year CSE	lathifanihal@gmail.com	8985599325	Shaik. Lathifa
29	M. Bhargya Prakashini	Asst. Prof.	madhavu.murugesh@gmail.com	992654364	M. Bhargya
30	G. Romya Sri	M.Tech 1 st year CSE	romyag5@gmail.com	9515336896	G. Romya Sri
31	K.V.L.S. Bhargya	M.Tech 1 st year CSE	kvlbsbhargya@gmail.com	9089068090	K.V.L.S. Bhargya
32	M. Navrecha	M.Tech 1 st year CSE	mexanavrecha@gmail.com	9154618586	M. Navrecha
33	E. Prathyusha	M.Tech 1 st year CSE	prathyushaechupuganti@gmail.com	7801062911	E. Prathyusha
34	H. Bliss Angelica	M.Tech 1 st year CSE	blissymallu@gmail.com	9553637871	H. Bliss Angelica

S.NO	NAME OF THE PARTICIPANT	DESIGNATION	E-MAIL ID	MOBILE NO	SIGNATURE
52	B. Alekya	Asst. Prof	alekya.b@gmail.com	6302385419	A
53	K. Saitreshne	M.Tech (CCE)	caloridns30194u@gmail.com	8771594529	Sul-
54	Prinseeh	M.Tech (CCE)	pothuriinseeh101@gmail.com	9398828525	Vinud
55	Ch Pratyusha	M.Tech (CCE)	pratyusha.20@gmail.com	944017727	Pratyusha
56	T. Lahari	M.Tech (CCE)	lahari-tipinene75@gmail.com	9642426994	T. Lahari
57	M. Bindu parva	Asst. prof	binduparva.makala@gmail.com	821442926	B
58	V. B. K. L. Aruna	Asst. Prof	kamalarani.aruna@gmail.com	9247868214	Aruna
59	Dr. A. Tharni Rani	prof of ECE	tharnirani@vssiddhanta.ac.in	994989456	R
60	S. Dhano Lakshmi	M.Tech (CCE)	S.dhanalakshmi	810696493	D
61	B. Nikhitha	M.Tech (CSP)	basanikhitha9@gmail.com	9963422097	Nikhitha
62	B. Naga Priyanka	M.Tech (CSP)	nagapriyankab@gmail.com	949466299	Priyanka
63	Ch. V. N. R. Moumika	M.Tech (VSI)	chunakumaroumika.77@gmail.com	9160814080	Moumika
64	K. N. Anita choudhary	M.Tech (VSI)	nayanasitachoudhary105@gmail.com	9346865555	K. N. Anita
65	N. Malathi	Asst. Prof	malathin76@gmail.com	9848259904	M
66	M. Sunitha	Asst. Prof	sunitha19.sunitha@gmail.com	8500721317	S
67	P. Deepya	Asst. prof	deepyaparni@gmail.com	9491731564	P