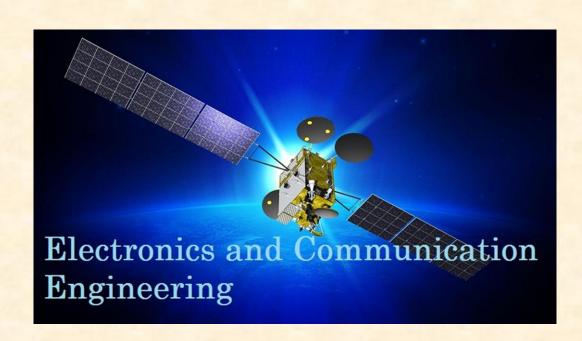


# SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

Approved by AICTE, New Delhi ,Accredited by NAAC & NBA with 'A' Grade DEPARTMENT OF ELECTRONICS &COMMUNICATION ENGINEERING



Electro Nivedika

Tune

- Voice of ECE

2021-22

November

Student Co-ordinators

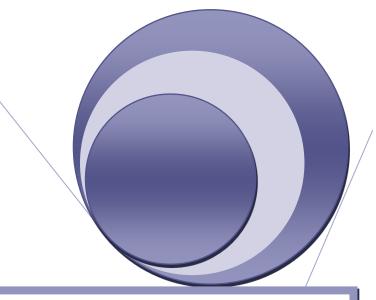
P. Srí Víshnu Priya (18A81A04C7)

Ch.BhanuPrakash(18A81A04C9)

Faculty Editor Y.Y.S. Manogna Asst.Professor

Chief Editor Dr. E. Kusuma Kumari HOD ,ECE

VOLUME-8
ISSUE-1



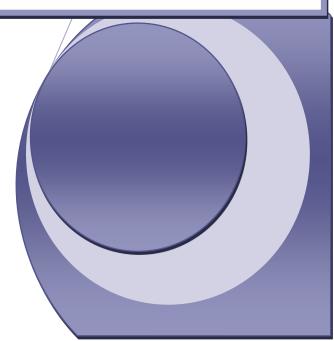
#### **Vision**

To develop the department into a centre of excellence and produce high quality, technically competent and responsible Electronics and communication engineers



#### Mission

- To create a learner centric environment that promotes the intellectual growth of the students.
- To develop linkages with R & D organizations and educational Institutions for excellence in teaching, learning and consultancy Practices.
- To build the student community with high ethical standards.



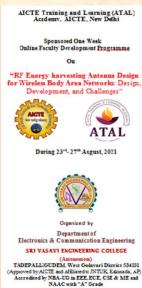
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#### Events Conducted in the Department









Objective of the FUP:
The main objective of this Farulty Development Frogram
is to provide an opportunity for engineering faculty and
students to get the exposure and interaction with the first
appears, who are involved in the research and development
N Energy harvesting annean design and various
challenges involved for Weets Body Area Nervoice
Challenges involved for Weets Body Area Nervoice
challenges involved for Weets Body Area Nervoice
and the students of the students and position of contribute at
monitoring, diagnosis, or deserption levels.

Expected FDP Ourcomes:

On successful completion of the Brogramme, the participants will be able to:

• Acquire the basic innoviledge of RF energy harvesting antenna.

 Learn the design and development as well as different challenges in utilizing the RF energy harvesting antenna for various applications. St. CA.V.S. Subba Rassessange Convenient

St. Ch. Appara R. Discogn Convenient

Co-Patron

St. Ch. Appara R. Discogn - Technical

Convenient

Dr. GVNSR Ratsakara Ras. Principal

Convenient

Dr. Evinna K Shama, A Junciasi Professor, SVEC.

Indephilipation

Co-Co-Gordinably

Mrs. TVN. Asymin Assistant Professor, SVEC.

Organizing Advisory Committee

Faculty members from the AICTE approved institutions in eligible to attend the program of the Convenient Professor, SVEC.

Description of Participation:

Eligibility of Participation:

The faculty members from the AICTE approved institutions in eligible to attend the program. There is NO ERGISTRATION FEE to attend this cointine Fib. Reputs of the Convenient Professor.

Register this colone FTD through the ATAL point Carry. Instance Investment of the Convenient Professor.

Register and online FTD through the ATAL point Carry. Instance was activated to the convenience of the Convenience of

Mr. ht varvas Assistant Professor.

Dept of ECE, fri Vasavi Engineering College, Tadepalliguden 534101, dankappadean Inda Email vinoditumar ecefforivasavienza ac in







- Level Online Faculty Development Program on "Research Areas in Biomedical Signal Processing" PHASE IV During 21<sup>st</sup> to 26<sup>th</sup> June 2021 @ ECE, SVEC for ECE faculty, all over the Country Organized by Dr. U.Yedukondalu ,Dr.M.Satish Kumar and Sri P.Sudheer chakravarthy.
- ♣ ECE Department conducted AICTE Sponsored one week National Level Online Faculty Development Program on "RF Energy harvesting Antenna Design for Wireless Body Area Networks: Design, Development, and Challenges" During 23<sup>rd</sup>-27 <sup>th</sup> August 2021 ,Organized by Dr. Purnima K Sharma, and Smt.TVNL Aswini.

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## Faculty Corner

## Faculty Publications in Journals/Conferences

S.No	Name of the Staff Member	Title of the Paper	Name of the Journal, ISSN No., Vol, & Published year
1.	Dr U Yedukondalu	Low Power and High-Speed 4 Bit Full Adder Using XOR/XNOR Gates Exploring with the 22nm CMOS Technology	The International journal of analytical and experimental modal analysis ISSN NO:0886-9367 Volume XIII, Issue VIII, August 2021
2.	T V N L Aswini	Subsampled circulant matrix based wideband spectrum sensing using fusion based recovery algorithm	Traitement du Signal, Vol. 38, No. 4, pp. 1201- 1208.
3.	Dr. E. Kusuma Kumari	Compact Multiband CPW Feed Microstrip Fractal Antenna for X, Ku Band satellite Applications"	https://link.springer.com/chapter/10.1007/97 8-981-16-3246-4_74 DOI: 10.1007/978-981-163246-4_74 02 Aug-2021

## Faculty Outreach:

S.No	Name of the faculty	Faculty Outreach (Role)	Date of the Program	Name of the Program	Name of the Host Institute
		Resource Person	23-08-2021	Delivered Session on "Flexible Wearable Antennas for Wireless Body Area (WBAN) Networks	In AICTE-ATAL FDP on "RF Energy Harvesting Antennas for WBAN" sanctioned to ECE, Sri Vasavi Engg. College
1.	Dr.E.Kusuma Kumari	Session Chair	22nd & 23rd April 2022	IEEE International Conference on Electronic Systems & Intelligent Computing IEESIC-2022	VelTech University , Chennai

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# Workshops/Seminars/FDPs attended by Faculty

S. No	Name of the Faculty	Name of the Workshop	Host institution	Date
1.	Dr.M.Thamarai	Webinar on Elsevier Author Workshop:	Research Academy on campus,School of	
2.	P SUDHEER CHAKRAVARTHI	Fundamentals of Research Article Writing	Engineering and Technology, Centurion	4-6-2021
3.	RLR LOKESH BABU		University,	
4.	P SUDHEER CHAKRAVARTHI	Phase:II of Online Short Term Training Program (STTP) on Data Science and Machine Learning	NARULA INSTITUTE OF	07-06-2021 to
5.	Dr.M.Thamarai	Sponsored by AICTE	TECHNOLOGY	11-06-2021
6.	TVNL ASWINI	National Webinar on "Effective and Efficient Writing of Research Papers for the Web of	Hyderabad Institute of	11/5/0001
7.	Dr.M.Thamarai	Science, Scopus Indexed Journal and Conference Papers Using Typeset Research Studio"	Technology and  Management	11/6/2021
8.	Dr. E. Kusuma Kumari	ECE Virtual Lab Practices using Free Online		14-06-2021
9.	Dr Purnima K Sharma	Simulations	NITTTR Chandigarh	to 18-06-2021
10	D.RAJESH SETTY			
11.	P SUDHEER CHAKRAVARTHI	Challenges & Advances in Communication	Lakireddy Bali Reddy	14-06-2021 to
12.	RLR LOKESH BABU	Systems for 5G	College of Engineering	18-06-2021
13.	Dr Purnima K Sharma	"Innovation in Telemedicine in Rural India enabled by advancements in Artificial Intelligence, Medical Devices and Internet of Things	R.M.K. Engineering College	15-06-2021 to 19-06-2021
14.	P SUDHEERCHAKRAVARTHI	One Week National level AICTE FDP-IV on	SRI VASAVI ENGINEERING	21-06-2021
15.	Dr M.SatishKumar	Research Areas in Biomedical Signal Processing	COLLEGE(A)	to
16.	PVVSATYANARAYANA			26-06-2021
17.	RLR LOKESH BABU	3Days FDP on research trends in deep learning and communication network	Bapatla Engineering College,Bapatla	28-06-2021 to30-06- 2021
18.	Dr M.SatishKumar	Atal FDP on "Sensors Fabrication and It's Application in IOT"	Graphic Era (Deemed to be University)	02-07-2021 to 06-07-2021
19.	Dr U Yedukondalu	webinar on "Smart Sensors Transform Health Care System	Sri Venkateswara College of Engineering and Technology,Chittur	03-07-2021
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S.N o	Name of the Faculty	Name of the Workshop	Host institution	Date
20.	P SUDHEER CHAKRAVARTHI			05-07-2021
21.	Rajesh Kone	Five Days e-Workshop on LaTeX	GITAM, Bengaluru	to
22.	PVVSATYANARAYANA			09-07-2021
23.	P SUDHEER CHAKRAVARTHI	(ATAL) Academy Online Elementary FDP on "Deep Learning"	Atal Bihari Vajpayee Indian Institute of Information Technology and Management Gwalior	05-07-2021 to 09-07-2021
24.	PVVSATYANARAYANA	FPGA Based Deep Learning Applications in Signal Processing	KLE Technological University	05/07/2021 to 09/07/2021
25.	V Harini	Wearable Devices & Antenna Technologies for IoT, Mobile and Telemedicine Applications	Saveetha School of Engineering	05/07/2021 to 09/07/2021
26.	PVVSATYANARAYANA	FDP on "Formal Verification of Digital Designs" from 2021-06-07 to 2021-06-11	PES UNIVERSITY.	06-07-2021 to 06-11-2021
27.	Dr Purnima K Sharma	"Internet of Things (IOT) with Artificial	Chandigarh College of Engineering	12-07-2021
28.	Rajesh Kone	Intelligence (AI)"	& Technology (CCET-Degree Wing), (Affiliated to Panjab University, Chandigarh).	to 16-07-2021
29.	PVVSATYANARAYANA	One week FDP on Research Methodology & IPR	V.R.SIDDHARTHA ENGINEERING COLLEGE	13-07-2021 to 17-07-2021
30.	Y.Y.S.Manogna	Micro Electro Mechanical Systems	Annamalai university	26-07-2021
31.	V.Radha	(MEMS' 21)		to 30-07-2-21
32.	U Ramya	MEMS Technology and micro sensors	NIT Meghalaya	26/07/2021 to 30/07/2021
33.	Y. Sujatha	Recent Trends in Communications, VLSI	Sir C R Reddy College of	27.07.2021
34.	PVVSATYANARAYANA	and Embedded Systems	Engineering	to 31.07.2021
35.	Dr. E. Kusuma Kumari	Flexible and wearable Antennas for Next Generation Applications	NITTTR Chandigarh	2-8-2021 To 6-8-2021

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# Faculty Corner

			5	
S.N o	Name of the Faculty	Name of the Workshop	Host institution	Date
36.	D R Sandeep	Recent Advances in Signal Processing	UCEK, JNTUK, Kakinada	02-08-2021 to 06-08-2021
37.	Y.Y.S.Manogna	Novel Applications of Waste Technology	M S RAMAIAH INSTITUTE OF	02-08-2021
38.	V.Radha	Systems for Sustainable future	TECHNOLOGY	to 06-08-2021
39.	Y.Y.S.Manogna	Embedded design and development using free/open source tools	Centre for development of advanced computing	09-08-2021 to 13-08-2021
40.	P. Naga Raju	Challenges in adapting Machine Learning towards 5G/6G Communications	AICTE ATAL Academy	09/08/2021t 0 13/08/2021
41.	PVVSATYANARAYANA	15 day FDP ON IOT from APSSDC	APSSDC	16/08/2021 to 04/09/2021
42.	M Vinod kumar			
43.	V Harini	RF Energy Harvesting Antenna for		23/08/2021
44.	U Ramya	Wireless Body Area Networks	Sri Vasavi Engineering	to
45.	V Pradyumna	Design, Development and Challenges	College(Autonomous)	27/08/2021
46.	J.Rajendra			17.00
47.	M.Satish Kumar			
48.	P.NagaRaju	VLSI Design using Xilinx & Mentor Graphics Tools	Vemu Institute of Technology	13/08/2021t o 18/09/2021
49.	Dr.M.Thamarai	Fundamentals of Deep Learning and its applications	SRM Institute of Science and Technology, Chennai	13/9/2021 to 15/9/2021
50.	DI.IVI. I II di II di	Al-Summit(Workshop)	School of Technology, Woxsen University	27/10/2021 TO 28/10/2021

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## Faculty Corner

NPTEL Online Certification:

S.NO	Name of the Faculty	Course	Certificate Type
1.	V.Radha	Introduction to Internet of Things	successfully completed
	Dr Purnima K	Principles of modern CDMA/MIMO/OFDM Wireless	Elitavailuse
2.	Sharma	communication	Elite+silver
3.	Tota Sreenivas	Microelectronics: Devices to Circuits	successfully completed
4.	Punnam Nagaraju	Principles of Communication Systems: Part-II	Elite+silver
5.	Y.Y.S.Manogna	Introduction to Industrial 4.0 and IoT	Elite+silver

## Patents published:

S.No	Inventors	Title of the Patent	Patent Number	Date of Published
	Dr.M. Satish Kumar	A novel Robust Method for pattern	202141033370	30/7/2021
		Recognition with enhanced micro		
1.		structure descriptors based classification.		
	Dr.M.Thamarai,Dr.Purnima K Sharma	Smart Drainage System for Mosquito	202141033370	10/9/2021
2.	Mr.K S S Kiran, Mr.S.N. Poorvasivam	control		
	Dr. M. Satish Kumar	Mobile User Trajectory Prediction System	2021105525	Grant received
3.		With Extreme Machine Learning		on 27 -10-
		Algorithm		2021
	Sri P. Sudheer Chakravarthi	Deep Learning Based Automatic Disease	202111052444	26/11/2021
4.		Detection and Classification Device for		
		paddy crop		

#### Ph.D. Awarded:

♣ Sri P. Ashok Kumar , Assistant professor of ECE department awarded with PhD degree on "DESIGN SIMULATION FABRICATION Low Power digital semiconductor memory Design" in September 2021 from Koneru Lakshmavva Education Foundation(Deemed to be University. Viiavawada).





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## Students Participation in Extra Curricular Activities:

Academi c year	Event Name	No. of Students Participa ted	Roll Numbers of Students	Position Secured
	Blood Donation Camp Organized by Police Department on 25-10-2021	22	19A81A04F5, 19A81A04H8, 19A81A04F2, 19A81A04H3, 20A85A0421, 20A85A0428, 19A81A1441, 19A81A1443, 19A81A1413,	
2021-22			19A81A1448, 19A81A1446, 19A81A1401, 20A85A1404 18A81A04H0, 18A81A0477, 18A81A04B1, 18A81A0422, 19A85A0417	
	Essay Writing Competition on Philanthropic Police, Pivotal service to the public in pandemic	45	19A81A1441, P. Sri Lakshmi Meghana	First Place
	West Godavari table Tennis Team(M)for State Championship 2021 JNTUK university Team Selections	1	19A81A0488, M. Raghu Vinay Kumar 20A81A04E9 K. Megha Shyam	West Godavari table Tennis Team(M)for State Championship 2021 Selected for JNTUK university Shuttle Badminton Team
	JNTUK university Team Selections	1	19A81A0425 M. Sai Sri lakshmi	Selections Selected for JNTUK university Shuttle Badminton Team Selections
	SVEC Students Cricket Championship Conducted in Dec-2021	15	7	Winners in SVEC Students Cricket Championship Conducted in Dec-2021

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#### Placement

S.No	Roll No.	Name of the Student	Company
1.	18A81A0401	AMUDALA RANCY SRI	
2.	18A81A0406	BATTU ANUSHA	
3.	18A81A0435	GOWTHAMI NADIMINTI	
4.	18A81A0444	KAVYA SRI REGANI	
5.	18A81A0474	BARGHAV RAM CHINTHADA	
6.	18A81A0476	MANI MALA CHUKKA	
7.	18A81A0479	GEDALA SAI DURGA PRASAD	
8.	18A81A0481	GORRELA LOKESWARI	
9.	18A81A04A0	THOYAJA PRIYA MOTAMARRI	
10.	18A81A04A6	PORANKI VIDYA	
11.	18A81A04C1	ADABALA SARITHA SRI	
12.	18A81A04C2	SAMPRATHI VINAY SAI VARSHITH	
13.	18A81A04C4	SAI HANUMAN BOIENA	
14.	18A81A04C5	BURUGUPALLI NANDA KISHORE	
15.	18A81A04C6	BHANU SANDEEP CHAGANTIPATI	
16.	18A81A04C7	SAIMOULI CHALLA	
17.	18A81A04D0	CHIKKALA SAI SREE SOWMYA	DXC
18.	18A81A04D3	LAKSHMI PADMA PRIYANKA	DAC
19.	18A81A04D4	DANGETI BALA RAMA KRISHNA	
20.	18A81A04D7	DURGAM SATYA SUNDARA UMA SRIVALLI	
21.	18A81A04E7	JAIJAIVENKATARAMANA MANDALA	
22.	18A81A04E8	MARAM SRENITHA	
23.	18A81A04F6	HEMA DIVYA RAMISETTI	
24.	18A81A04F7	SRIKAR REDDY SABBELLA	
25.	18A81A04F9	DEEPIKA RAMA LAKSHMI SANKA	
26.	18A81A04G2	SATYA SAI PRABHU DINESH SONTENAM	
27.	18A81A04G3	SRIMATIRANGANTI UDAYKIRAN	
28.	18A81 <mark>A04</mark> G5	TALLURI GNANA DEEPIKA	
29.	18A81A04G7	SAI GANESH THOTA	
30.	18A81A04H1	MEGHANA VADDI	
31.	18A81A04H6	VUTUKURI SUCHARITHA	
32.	18A81A04H7	YAGANTI LAVANYA	
33.	18A81A04H9	AKUNURI MONIKA	
34.	19A85A0413	ARUNA SAVARAPU	

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#### **Placements**

S.No	Roll No.	Name of the Student	Company
35.	18A81A0403	SRAVANI BAHUROTHU	
36.	18A81A0406	ANUSHA BATTU	
37.	18A81A0413	MADHU DOONGALA	
38.	18A81A0423	SWATHI KANTIPUDI	
39.	18A81A0438	PAILA VENKATA SURESH	
40.	18A81A0444	KAVYA SRI REGANI	
41.	18A81A0450	IMRAN SHAIK	
42.	18A81A0457	CHANDANA MALA VEERANKI	
43.	18A81A0460	NAGASRI VENKATA YEDIDA	
44.	18A81A0461	BHAVANA SAI ADAPA	
45.	18A81A0462	ADDANKI SAI SUSHMA	
46.	18A81A0464	BADDIREDDY NAVEENA	
47.	18A81A0465	SAI DURGA BANDARU	
48.	18A81A0467	BHUPATHI SHEBA RANI	
49.	18A81A0471	CHELLARI VIJAY KRISHNA	
50.	18A81A0489	SAI LAKSHMI PRAPOORNA	
51.	18A81A0493	GOWTHAMI KORSA	
52.	18A81A0494	LAKSHMI BHANU PRIYA KOSURI	WIPRO
53.	18A81A0495	KEERTHANA KUKUNURI	WIFKO
54.	18A81A04A0	THOYAJA PRIYA MOTAMARRI	
55.	18A81A04A9	SAMAVEDAM NAGA ANAGHA	
56.	18A81A04B0	BHAGYA SRI SAYALA	
57.	18A81A04B1	AHAMAD SHAIK	
58.	18A81A04C0	YERRAMSETTI NAGA BHUSHANAM	
59.	18A81A04C5	NANDAKISHORE BURUGUPALLI	
60.	18A81A0403	SRAVANI BAHUROTHU	
61.	18A81A04C6	BHANU SANDEEP CHAGANTIPATI	
62.	18A81A04C7	SAIMOULI CHALLA	
63.	18A81A04D0	CHIKKALA SAI SREE SOWMYA	
64.	18A81A04D1	CHIKKALA V. V . N. S. S. LAKSHMI	
65.	18A81A04D2	SARITHA CHITRAJU	
66.	18A81A04D3	CHODAPANEEDI LAKSHMI PADMA	
67.	18A81A04D8	SANJAY EDUPUGANTI	
68.	18A81A04D9	GANDROTHU V L PRASANNA	
69.	18A81A04E2	JAGADEESH KAGITHA	
70.	18A81A04E5	HANUMA SAI SATYANARAYANA	
		2	

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#### **Placements**

S.No	Roll No.	Name of the Student	Company
71.	18A81A04E7	JAIJAIVENKATARAMANA MANDALA	
72.	18A81A04F2	LEELA MANIKANTA SWAMY	
73.	18A81A04F6	HEMADIVYA RAMISETTI	
74.	18A81A04F8	PAVAN KUMAR SADANALA	
75.	18A81A04F9	SANKA RAMA LAKSHMI DEEPIKA	
76.	18A81A04G0	KUMAR AVINASH SANKU	
77.	18A81A04G2	SATYA SAI PRABHU DINESH	
78.	18A81A04G3	UDAY KIRAN SRIMATIRANGANTII	11.7
79.	18A81A04G4	SUNKARA APPANNA BABU	
80.	18A81A04G7	SAI GANESH THOTA	
81.	18A81A04G8	BLESSY TUMMAPUDI	
82.	18A81A04H1	MEGHANA VADDI	
83.	18A81A04H3	S V S BHASKARA RAMA KRISHNA	
84.	18A81A04H8	BHARGAV CHOWDARY YELLI	
85.	19A85A0406	CHANDANA PRABHA MANEPALLI	WIPRO
86.	19A85A0408	GANGULA BALA GOPINADH	WIFKO
87.	19A85A0412	SALADI SHANMUKHA SRINIVAS	
88.	19A85A0414	NAGA SANDEEP YALAMARTHI	
89.	18A81A04A4	PECCHETTI JANANI	
90.	18A81A04A5	TEJA SAI PAVANI POLISETTY	
91.	18A81A04B8	VENDRA NAVYA	
92.	18A81A04C1	ADABALA SARITHA SRI	
93.	18A81A04G1	SATTI ADITYA SATISH REDDY	
94.	19A85A0401	DHANUSH AMUDALAPALLI	
95.	19A85A0417	MOHAMMAD HANEEF	
96.	18A81A0470	BORRA MADHURI DEVI	
97.	18A81A0401	AMUDALA RANCY SRI	
98.	18A81A0472	CHINTA PAVAN KUMAR	
99.	18A81A04C4	BOIENA SAI HANUMAN	
100.	18A81A04D7	D. SRIVALLI	
		10	



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#### Placement

S.No	Roll No.	Name of the Student	Company
101.	18A81A04D5	DAVULURI DURGA PRANUSHA	
102.	18A81A0425	KOMARAVOLU KRISHNA PRIYA	
103.	18A81A0443	SRI SRAVYA REDDI	
104.	18A81A04A8	R D MANI MOHAN RELANGI	
105.	18A81A04A7	PUDI ABHI RAM	
106.	18A81A0488	PAVANI KANDUKURI	
107.	18A81A04G9	PAVAN MURALI UNDI	
108.	18A81A04E9	NEHA MEDAPATI	
109.	18A81A0432	NARENDRA MARNI	WIPRO
110.	18A81A04E6	MANCHA YASASWINI GAYATHRI	WIPRO
111.	18A81A0410	LAKSHMI PRASANNA DARABATHULA	
112.	18A81A0427	KONDETI LIKITH SRI PRAVEEN GOWD	
113.	18A81A0474	BARGHAV RAM CHINTHADA	
114.	18A81A0434	MUDUNURI MOHITHA	
115.	18A81A04B7	VELAGANI SIREESHA	
116.	18A81A04F7	SABBELLA SRIKAR REDDY	
117.	18A81A04G6	TETHALI NIRMALA SAI	
118.	18A81A0453	THAMMINENI LEELA SATYA NAGA SAI	
119.	18A81A0427	LIKITH SRI PRAVEEN GOWD KONDETI	
120.	18A81A0461	ADAPA BHAVANA SAI	
121.	18A81A0471	VIJAY KRISHNA CHELLARI	
122.	18A81A0474	BARGHAV RAM CHINTHADA	
123.	18A81A0481	LOKESWARI GORRELA	
124.	18A81A0482	MUKESH SRI RANGA SAI GUNDU	TCS NINJA
125.	18A81A0490	SRINIVAS KAPU	I CS IVIIVJA
126.	18A81A04D5	DAVULURI DURGA PRANUSHA	
127.	18A81A0425	KOMARAVOLU KRISHNA PRIYA	
128.	18A81A0443	SRI SRAVYA REDDI	
129.	18A81A04A8	R D MANI MOHAN RELANGI	
130.	18A81A04A7	PUDI ABHI RAM	



