



SR
Engineering
College
Innovation . Creativity . Entrepreneurship

Ananthasagar | Hasanparthy | Warangal | TS - 506 371

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TV Hari



Department of Computer Science and Engineering

VISION OF INSTITUTION

To be among the Top 20 Private Engineering Institutes in India by 2020

MISSION OF INSTITUTION

M1: Design and implement curriculum that equips students with professional and life skills.

M2: Recruit, develop and retain outstanding faculty to achieve academic excellence.

M3: Promote and undertake quality research in thrust areas of science and Technology.

M4: Collaborate with industry and academia to meet the changing needs of society. Foster innovation and cultivate the spirit of entrepreneurship among students.

Vision of the CSE Department

Be a leader in promoting Computer Science and Engineering education.

Mission of the CSE Department:

M1: Design and implement innovative courses to meet industrial needs.

M2: Provide innovative research solutions to address organizational and social needs

M3: Associate with knowledge hubs and professional bodies to share technological advancements.

M4: Establish network with organizations of national importance to inculcate the culture of entrepreneurship among students

PEO's of the CSE Department:

PEOs (Program Educational Objectives) relate to the career and professional accomplishments of students after they graduate from the program. Consequently, assessment and evaluation of the objectives requires assessment tools that can be applied after graduation.

PEO1: Ability to solve diverse and complex computer science and engineering problems across a broad range of domains

PEO2: Pursue a career in the field of computer science and engineering.

PEO3: Pursue higher education and/or professional development courses for life-long learning

PEO4: Support community building activities to improve the quality of life.



Tesla Powerwall:

The initial development of Power Wall started in 2012 and the product was publicly launched on 15th April 2015 with initial power output of 3.3 kW at steady rate and 3.3 kW at the peak. Tesla's CEO Elon Musk also promised that these figures will be improved with time without any significant increase in its price. Then in 2016, even a Power Wall 2 was unveiled.

The Power Wall is a rechargeable lithium-ion battery. It basically allows the storage of power which can be utilized later. The main motive of Power Wall is household energy storage. This technology works well with solar panels or even without it and apart from being a safe and reliable source of power, it also benefits financially. Each of these systems consists of at least one Power Wall along with a Tesla Gateway. The backup Gateway analyses energy use pattern and adapts to it, also, it receives online updates and each of these Gateways have capability to manage up to ten Power Walls. The Power Wall works with or without solar power system. If it is installed with solar then it works in following way: in the day the house draws power of the sun using solar panels and the excess electricity, which is not consumed, that electricity is stored by Power Wall and this can be used for later use like during night or bad weather or even when there is a power outage.

Peddi Shashank
16K41A05G1

Department Activities:

• Conferences/Seminars/workshops/FDPs Conducted:

- A Three-Day Workshop on "Smart India Internal HACKTHON 20" conducted from 16-01-2020 to 08-01-2020 organized by department of CSE, a total of 216 students were participated.
- A Technology Entrepreneurship Development Program on "Internet of Things" from 05-02-2020 to 16-03-2020 was conducted by department of CSE, which was sponsored by DSTNIMAT, a total of 30 faculty members and 15 students participated in it.
- A Three-day workshop on "IoT" from 14-03-2020 to 16-03-2020 was conducted by department of CSE, a total of 25 members participated in it.

• Conferences/Seminars/workshops/FDPs Attended:

- B. Swathi attended a two-week FDP on "Data Science And Its Research Confronts" from 2nd to 13th Jan,2020 organized by JITS WARANGAL.
- Rajesh Mothe attended two-day Workshop on "Raspberry Pi" on 28th & 29th Feb,2020 organized by SR Engineering College.
- Srinivas Aluvala attended a one-day Workshop on "Robotic Process Automation" on 10th April,2020 organized by ICT Academy.
- Srinivas Aluvala attended a one-day Workshop on "VMWare Cloud" on 11th April,2020 organized by ICT Academy.
- Srinivas Aluvala attended a one-day Workshop on "Accelerating Experiential Learning in Engineering" on 13th April,2020 organized by ICT Academy.
- Srinivas Aluvala attended a one-day Workshop on "Future of Making" on 14th April,2020 organized by ICT Academy.
- Srinivas Aluvala attended a one-day Workshop on "Introduction to AI and ML" on 15th April,2020 organized by ICT Academy.
- Srinivas Aluvala attended a one-day Workshop on "Cyber Security Essentials" on 16th April,2020 organized by ICT Academy.
- Srinivas Aluvala attended a one-day Workshop on "Design Thinking" on 17th April,2020 organized by ICT Academy.
- Srinivas Aluvala attended a one-day Workshop on "Digital Transformation in Enterprise" on 18th April,2020 organized by ICT Academy.



- Srinivas Aluvala attended a one day Workshop on "How to Publish a High Quality Technical Journal Paper" on 20th April, 2020 organized by IEEE.
- Srinivas Aluvala attended a one week FDP on "Data Science with Python" from 23rd to 29th April, 2020 organized by ICT Academy.
- V. Thirupathi attended a one week Workshop on "Internet of Things" from 15th to 19th April, 2020 organized by NITTTR Chandigar.
- P. Pramod Kumar attended a five day FDP(Online) on "Artificial Intelligence" from 24th to 28th April, 2020 organized by IIIT Nagpur.
- S Naresh Kumar attended a two week FDP on "LATEX" from 17th to 30th April, 2020 organized by Gopalan College of Engineering and Management.
- A. Harshavardhan attended a five days FDP on "Internet of Things" from 20th to 24th April, 2020 organized by NITTTR Chandigar.
- Seena Naik Korra attended a two week FDP on "LATEX" from 17th to 30th April, 2020 organized by Gopalan College of Engineering and Management.

- **Faculty Publications:**

- **International Journals:**

- Mr. G. Sunil Asst Prof, Mr. Srinivas Aluvala Asst. Prof, Mr. K. Ravi Chythanya Asst Prof, Ms. Goje. Roopa Asst. Prof and Mr. Rajesh Mothe Asst Prof published a paper entitled "Trends Having Huge Impact On Cyber Security And Techniques Of Cyber Security", International Journal of Advanced Science and Technology, Jan 2020.
- Mr. G. Sunil Asst Prof, Mr. Srinivas Aluvala Asst. Prof, Mr. S. Tharun Reddy Asst Prof, Mr. Dadi Ramesh Asst. Prof and Dr. Revuri Varun Asst Prof published a paper entitled "Various Forms Of Cybercrime And Role Of Social Media In Cyber Security", International Journal of Advanced Science and Technology, Jan 2020.
- Mr. Srinivas Aluvala Asst Prof, Mr. G. Sunil Asst. Prof, Mr. B. Vijay Kumar Asst Prof and Dr. K. Raja Sekhar Asst. Prof published a paper entitled "An Overview Of Limitations And Various Attacks In Manets", International Journal of Advanced Science and Technology, Jan 2020.

Technology in next 10 years:

Technology is an essential need for everyone nowadays. Anytime, anywhere, for anything you will be required to use a gadget or technique to ease your work. As Technology plays such an important role from so many years to now, have you ever wondered what it looks like in 10 years? What changes we are going to have? Let's find out.

According to some scientists and futurists, sensor networks, 3D printers, virtual humans and other technologies which are under work will get to see in an upcoming decade. It is also said that some very drastic changes will get to see in next decade as compared to last decade.

Also, nobody can predict future and everybody bends down in front of the Mother Nature but there are some technology related predictions. So many robots have been produced.

It has been said that robots will get more advanced than the humans itself.

Stephen Hawking once said "Humans are entering a stage of self-designed evolution."

Technology is getting so advanced that at some places photographic memory, artificial hand with feeling, blind patients can get retina restored, and a heart without any pulse. Soon humans will make more advanced technology and it will go on to take over everything but in a good way. Futurist Ray tells that there will be singularity where both robot and human will emerge and become a new species. While these type of technologies can be used to repair or overcome an injury that seems impossible today.

GANTALA VAISHNAVI
18K41A0521



- Mr. Srinivas Aluvala Asst Prof, Mr. G.Sunil Asst. Prof, Mr. B. Vijay Kumar Asst Prof and Dr. K. Raja Sekhar Asst. Prof published a paper entitled “Characterization Of Mobile Ad-Hoc Networks And Classification Of Unicast Routing Protocols”, International Journal of Advanced Science and Technology, Jan 2020.
- Ms. Goje. Roopa Asst Prof, Mr. G.Sunil Asst. Prof and Mr. Sallauddin Mohammad Asst. Prof published a paper entitled “Security Mechanisms At Networking Layers And Designing A Model For Network Access Security”, International Journal of Advanced Science and Technology, Jan 2020.
- Ms. V. Sowmya Asst Prof, Mr. CH Sandeep Asst. Prof and Mr. Sallauddin Md Asst. Prof published a paper entitled “Improvised Scheme To Satisfy The Security Guarantee Of Searchable Symmetric Encryption (Sse)”, International Journal of Advanced Science and Technology, Jan 2020.
- Mr. G.Sunil Asst Prof, Mr. Srinivas Aluvala Asst. Prof, Mr. K. Ravi Chythanya Asst Prof, Ms. Goje. Roopa Asst. Prof and Mr. Rajesh Mothe Asst Prof published a paper entitled “Trends Having Huge Impact On Cyber Security And Techniques Of Cyber Security”, International Journal of Advanced Science and Technology, Jan 2020.
- Mr. Dude Anusha Asst Prof, Mr. Nagendar Yamsani Asst. Prof and Mr. Vijay Kumar Bura Asst. Prof published a paper entitled “Tafc Time And Attribute Actors Combined Access Control For Time-Sensitive Data In Public Cloud”, International Journal of Advanced Science and Technology, Feb 2020.
- Ms. D Roopa Asst Prof, Mr. P Kumaraswamy Asst. Prof and Ms. G Roopa Asst. Prof published a paper entitled “A Secured Data Protection Mechanism for Cloud Storage System”, TEST Engineering & Management, Feb 2020.
- Mr. Akundi Sai Hanuman Asst Prof and Mr. Kanegonda Ravi Chythanya Asst. Prof published a paper entitled “Findings On Real-Time Location Tracking By Implanting Different Mechanisms”, International Journal Of Innovative Technology And Exploring Engineering (IJITEE), Mar 2020.
- Mr. Kanegonda Ravi Chythanya Asst. Prof, Komuravelly Sudheer Kumar Asst. Prof, Mothe Rajesh Asst. Prof and S Tharun Reddy Asst. Prof published a paper entitled “Sensor Cloud: A Breakdown Information On The Utilization Of Wireless Sensor Network By Means Of Cloud Computing”, TEST Engineering And Management, Jan-Feb 2020.
- Ms. Kota Harshitha Asst. Prof, Srinivas Aluvala Asst. Prof and G.Sunil Asst. Prof published a paper entitled “A Frame Work for Secure and Efficient Data Communication Protocols for Wireless Body Area Network”, International Journal of Advanced Science and Technology, Apr 2020.
- Ms. Ch.Santhoshi Asst Prof, V.Thrupathi Asst. Prof, Mr. K. Ravi Chythanya Asst Prof, Mr. Srinivas Aluvala Asst. Prof and Mr. G.Sunil Asst Prof published a paper entitled “A Comprehensive Study on Efficient Keyword - Aware Representative Travel Route Recommendation”, International Journal of Advanced Science and Technology, Apr 2020.



- Ms. M.Sheshikala Asst. Prof, G.Roopaa Asst. Prof, R.VijayaPrakash Prof, G.Swamy Reddy Asst. Prof and A.Harshavardhan Asst. Prof published a paper entitled “Impact of Activities Conducted in the Classroom for Engineering Education”, Studia Resenthaliana, Web of science, Jan 2020.
- Syed Mustak Ahmed Asst. Prof, M.Sheshikala Asst. Prof, Ankit Asst. Prof and Vinit Asst. Prof published a paper entitled “Sensory-motor deterioration in older drivers and their amelioration through various training strategies: A study”, Lecture Notes in Electrical Engineering, Apr 2020.
- Mohammed Ali Shaik Asst. Prof and Dr. P Praveen Assoc. Prof published a paper entitled “Novel Classification Scheme For Multi Agents”, Asian Journal of Computer Science and Technology, Mar 2020.
- Mr. Kanegonda Ravi Chythanya Asst Prof, Mr. K. Sudheer Kumar Asst. Prof, Mr. G Sunil Asst Prof, Ms. B. Swathi Asst. Prof and Ms. K. Anusha Asst Prof published a paper entitled “Compressed Data Aggregation and Routing in WSN using Optimal Clustering Protocol”, Journal for the Study of Research, Jan 2020.
- Mr. D. Ramesh Asst Prof, Mr. Sallauddin Md Asst. Prof, Mr. Syed Nawaz Pasha Asst Prof, Mr. A. Harshavardhan Asst. Prof and Ms. Shabana Asst Prof published a paper entitled “Enhancements Of Artificial Intelligence And Machine Learning”, International Journal of Advanced Science and Technology, Jan 2020.
- Mr. Syed Nawaz Pasha Asst Prof, Mr. A. Harshavardhan Asst. Prof, Mr. D. Ramesh Asst Prof, Mr. Sallauddin Md Asst. Prof and Ms. Shabana Asst Prof published a paper entitled “Variation Analysis Of Artificial Intelligence, Machine Learning And Advantages Of Deep Architectures”, International Journal of Advanced Science and Technology, Jan 2020.
- Mr. A. Harshavardhan Asst Prof, Mr. Syed Nawaz Pasha Asst. Prof, Mr. Sallauddin Md Asst. Prof and Mr. D. Ramesh Asst Prof, published a paper entitled “Techniques Used For Clustering Data And Integrating Cluster Analysis Within Mathematical Programming”, Journal Of Mechanics Of Continua And Mathematical Sciences, Jan 2020.
- Mrs. Bhavana Jamalpur Asst. Prof, Dr.Vijaya Prakash R, Asst. Prof., Mr. Ramesh D, Asst. Prof., A.Harshavardhan,Asst. Prof., published a paper entitled “Determining Interesting Rules for Many-Valued Concepts using Rule Mining – Information Gain”, International Journal of Advanced Science and Technology, April 2020.
- Mr. Sallauddin Md, Asst. Prof., Mr. D.Ramesh, , Asst. Prof., Mr. A.Harshavardhan, , Asst. Prof.,Mr. Syed Nawaz Pasha, , Asst. Prof., Ms. Shabana, , Asst. Prof., published a paper entitled “A Comprehensive Study On Traditional AI and ANN Architecture”, International Journal of Advanced Science and Technology, Jan 2020.
- Ms. Safeena Nasreen, Asst. Prof., Mr. Seena Naik Korra, Asst. Prof., published a paper entitled “A Comprehensive Study On Mining Competitors Towards Handling Unstructured Dataset”, Journal Of Mechanics Of Continua And Mathematical Sciences, Feb 2020.



- Ms. E. Soumya, Asst. Prof., Mr. P. Pramod Kumar, Asst. Prof., Ms. Vahini Sirivoru, Asst. Prof., published a paper entitled "A Witness Oriented Secure Location Provenance Modeling for Location Proofs", Test Engineering and Management, Jan-Feb 2020.

- **Achievements:**

- Mr. Sallauddin Mohmmad Asst Prof, qualified in UGC-NET, Dec-2019.

- **Patents Published:**

- Dr Pappula Praveen Assoc Prof and Mohammed Ali Saik Asst Prof got a patent entitled "An Heuristic Tree Structure Algorithm to Find an Item Using Scaling Clustering Method".
- Dr. Pappula Praveen Assoc Prof, Tallapally Sampath Kumar Asst Prof, R Ravi Kumar Asst Prof, Sallauddin Mohammed Asst Prof, Mohammed Ali Shaik Asst Prof And Syed Nawaz Pasha Asst Prof got a patent entitled "An Optimized Method To Create Clusters Effectively And Efficiently".

- **Books Published**

- Name of the Faculty: Mr. P. Pramod Kumar
Title of the Book: Problem Solving with Programming
ISBN: 620-0-28527-0
Edition: First Edition
Published: Nov 2019
- Name of the Faculty: Mr. P. Pramod Kumar
Title of the Book: Logic Building using C Language
ISBN: 1646505036
Edition: First Edition
Published: Aug 2019
- Name of the Faculty: Naresh Kumar Sripada Sandeep Chintham and Srinivas K
Title of the Book: Computer system and Operating system
ISBN: 780359481248
Edition: First Edition
Published: Apr 2020
- Name of the Faculty: Kanegonda Ravi Chythanya
Title of the Book: Mobile Computing: Tele Communication Networks and its Applications
ISBN: 6200112940
Edition: First Edition
Published: Jun 2019

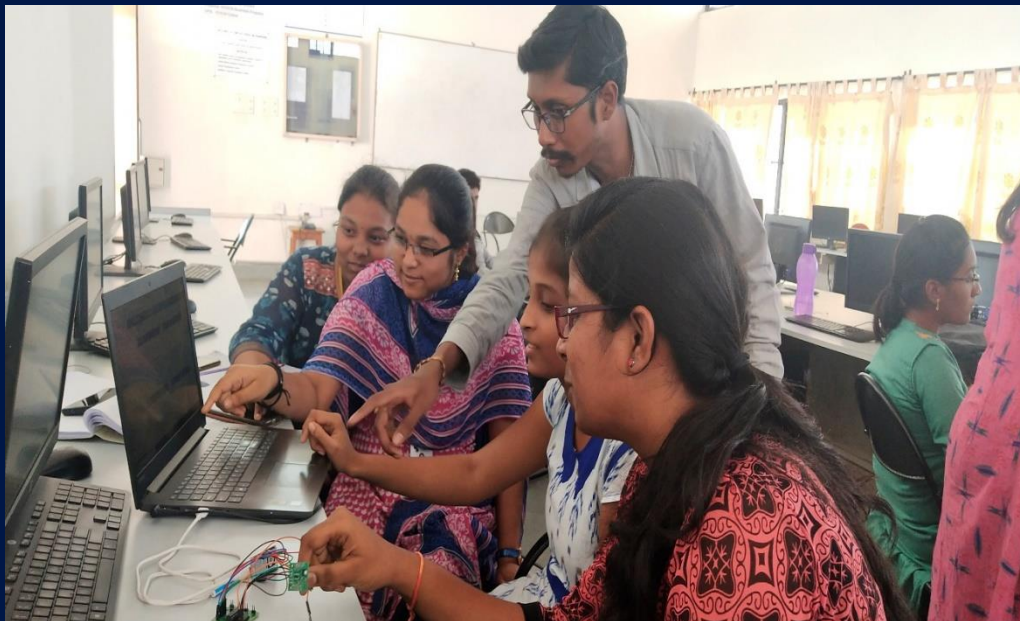


Internal Hackathon for Smart India Hackathon - 2020





Technology Entrepreneurship Development Program on Internet of Things



A Three-Day Workshop on "IoT"



- **Students Placement**

S. No.	Name of the Company	No. of Students Placed
1	BYJUS	2
2	Concentrix	1
3	CTS	9
4	Deloitte	1
5	DXC Technology	9
6	Funlabtech	3
7	Harman Connected Services	1
8	HCL	1
9	HGS	7
10	IBM	2
11	Infosys	10
12	Ivycompete	2
13	Jaro Education	1
14	Legato	1
15	Lorven	1
16	MAQ Software	3
17	Next Education	1
18	Persistent	1
19	Savantis Solutions LLC	4
20	Shell Pro Technologies	3
21	TA Digital	3
22	TCS	9
23	TCS Codevita	2
24	Teleperformance	4
25	Tvarana	4
26	UpGrad	1
27	Value Labs	1
28	Value Momemtum	1
29	Wipro	8
30	ZENQ	2



S. No.	HTNO	Student Name	Branch	Company Name	Package
1	16K41A0522	Rajkiran Yadav	CSE	BYJUS	10
2	16K41A05E2	Mrunal Gampa	CSE	Byjus	10
3	16K41A0583	Shiva Kandagatla	CSE	TCS Codevita	7
4	16K41A0533	Mallela Mounika	CSE	Ivycompete	6.96
5	16K41A0571	Chada Prathima Reddy	CSE	Wipro	6.5
6	16K41A0547	Pinikeshi Keerthana	CSE	MAQ Software	6
7	16K41A05F4	Muppidi Saiteja	CSE	MAQ Software	6
8	16K41A0545	Rohith Pandrala	CSE	Jaro Education	5.64
9	16K41A05G0	Sadhvika P	CSE	Harman Connected Services	5
10	16K41A05A5	Chandana Priya Pogaku	CSE	Ivycompete	4.8
11	16K41A05B4	Srinidhi Deshpande	CSE	Persistent	4.51
12	16K41A05E5	Gourshettiwar Pranjali	CSE	Value Labs	4.5
13	16K41A0510	Chada Vidya	CSE	MAQ Software	4.32
14	16K41A0576	Tejaswi Devidi	CSE	IBM	4.25
15	16K41A0552	Sathwika Parshaboina	CSE	Rohini Minerals	4.25
16	16K41A05B2	Singareddy Akanksha	CSE	Rohini Minerals	4.25
17	16K41A05B7	Thuppari Sirichandana	CSE	Rohini Minerals	4.25
18	16K41A05H0	Susmitha Srirangam	CSE	Rohini Minerals	4.25
19	16K41A0555	Shruthi Sreeramoju	CSE	IBM	4.25
20	16K41A0512	Priyanka Chiguru	CSE	CTS	4
21	16K41A0586	Krishnateja Gujjeti	CSE	CTS	4
22	16K41A05C2	Rashmithareddy Aileni	CSE	CTS	4
23	16K41A0528	Kesharaju Rishitha	CSE	Tvarana	4
24	16K41A0534	Mamidala Sahith Vardhan	CSE	Tvarana	4
25	16K41A0549	Pogakula Prapul Kumar	CSE	Tvarana	4
26	16K41A0563	Anjanidevi Tulasi	CSE	CTS	4
27	16K41A0585	Kodam Aishwarya	CSE	Tvarana	4
28	16K41A0591	Vamshitha Madadi	CSE	CTS	4
29	16K41A05A4	Pingili Rohita	CSE	CTS	4
30	16K41A05A6	Polneni Srividya	CSE	CTS	4
31	16K41A05B6	Pratyusha Thoutreddy	CSE	CTS	4
32	16K41A05C3	Pranusha Akula	CSE	CTS	4
33	16K41A0506	Nithin Madhav Beditha	CSE	Deloitte	3.95
34	16K41A0524	Kalluri Neha	CSE	TA Digital	3.81
35	16K41A0540	Myaka Jayapal Reddy	CSE	TA Digital	3.81
36	16K41A05F3	Mohammed Khaja Fahad Uddin	CSE	TA Digital	3.81
37	16K41A0509	Varsha	CSE	Infosys	3.6
38	16K41A0512	Chiguru PRIYANKA	CSE	Infosys	3.6



S. No.	HTNO	Student Name	Branch	Company Name	Package
39	16K41A0524	Neha	CSE	Infosys	3.6
40	16K41A0547	Keerthana	CSE	Infosys	3.6
41	16K41A0571	Prathima Reddy	CSE	Infosys	3.6
42	16K41A0576	Tejaswi	CSE	Infosys	3.6
43	16K41A05B4	Srinidhi	CSE	Infosys	3.6
44	16K41A05G0	Pachika Sadhvika	CSE	Infosys	3.6
45	16K41A0550	Ravula Himabindu	CSE	DXC Technology	3.6
46	16K41A0551	Vineel Rudrapati	CSE	DXC Technology	3.6
47	16K41A0559	Anusha Vemula	CSE	DXC Technology	3.6
48	16K41A0570	Kalyan Nayak Bukya	CSE	DXC Technology	3.6
49	16K41A0572	Chamala Chandana	CSE	DXC Technology	3.6
50	16K41A0581	Rohith Gorantala	CSE	DXC Technology	3.6
51	16K41A05B1	Shravani Dongari	CSE	Infosys	3.6
52	16K41A05D0	Akhila Boddu	CSE	DXC Technology	3.6
53	16K41A05F6	Nikhitha Muthoju	CSE	DXC Technology	3.6
54	16K41A05G1	Peddi Sai Shashank	CSE	Value Momemtum	3.6
55	16K41A05G6	Sowmya Puppala	CSE	DXC Technology	3.6
56	16K41A05H1	Thatikonda Akanksha	CSE	Infosys	3.6
57	16K41A0520	Rahul Jampala	CSE	Wipro	3.5
58	16K41A0529	Kolgoori Vamshi Krishna	CSE	Wipro	3.5
59	16K41A0532	Lahari Kunduru	CSE	Wipro	3.5
60	16K41A0542	Thoutam Nikhila	CSE	Wipro	3.5
61	16K41A0589	Kusuma Shiva Shashank	CSE	Wipro	3.5
62	16K41A0509	Varsha Bolneni	CSE	TCS	3.36
63	16K41A0507	Bhavitha Elukurthi	CSE	TCS	3.36
64	16K41A0531	Sathwik Reddy Kunduru	CSE	TCS	3.36
65	16K41A05C9	Bhashampally Prudhvi Raj	CSE	TCS	3.36
66	16K41A05D4	Vamshi Krishna Cherukupally	CSE	TCS	3.36
67	16K41A05E6	Sriram Kodipaka	CSE	TCS	3.36
68	16K41A05F2	Mohammed Ifthekhar	CSE	TCS	3.36
69	16K41A05H6	Anjana Vuppala	CSE	TCS	3.36
70	16K41A05E3	Alekya Gattupalli	CSE	Next Education	3.35
71	16K41A0538	Aiazuddin Mohammed	CSE	Legato	3.25
72	16K41A0573	Cheruku Rishika Priya	CSE	Funlabtech	3.25
73	16K41A0594	Shruthi	CSE	Funlabtech	3.25
74	16K41A05A8	Puli Manish Raj	CSE	Funlabtech	3.25
75	16K41A0590	Anil Laudiya	CSE	upGrad	3
76	16K41A0504	Usha Sri A	CSE	Shell Pro Technologies	2.8