

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (Autonomous)

KANURU, VIJAYAWADA

Department of Electronics and Communication Engineering

Academic Year 2024-25

1. Faculty Achievements:

a. Ph.D.'s awarded/Guided:

- i. **Mr.T.Balaji** awarded Doctor of Philosophy (Ph.D.) from Annamali University, Chidambaram and his research topic is **Optimized Stack of Deep Neural Networks for ECG Signal Classification** in September, 2024.
- ii. **Mr.K. Phani Rama Krishna** was awarded Doctor of Philosophy (Ph.D.) for his research topic, **Self- Adaptive Energy Efficient Routing Protocol for Secure Wireless Sennsor Networks** from Koneru Lakshmaiah Education Foundation in April, 2025.

b. Reviewers of journals:

- i. Mrs.L.Madhavi Devi served as Program Committee Member and Reviewer in the **6th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology** organized by Madhav Institute of Technology and Science, Gwalior held during 26th – 27th October, 2024.
- ii. Mrs.L.Madhavi Devi served as Reviewer in the IEEE Technically Co-sponsored 2024 **International Conference on Smart Technologies for Sustainable Development Goals** organized by S.A. Engineering College in association with IEEE Madras Section held during 6th – 8th November -2024.
- iii. Mrs.L.Madhavi Devi served as **Program Committee Member and Reviewer** in the International Conference on Information Technology and Artificial Intelligence (ITAI 2025) organized by Soft Computing Research Society and Gurugram University, Haryana during 24th – 25th January, 2025.

- iv. Dr.J.Ravindrababu served as **Reviewer** for Australian Journal of Electrical and Electronics Engineering on 27th January, 2025.
- v. Mrs.L.Madhavi Devi served as **Technical Program Committee Member and Reviewer** in 3rd International Conference on Power Engineering and Intelligent Systems organized by National Institute of Technology, Uttarakhand during 8th – 9th March, 2025.
- vi. Mrs.L.Madhavi Devi served as **Technical Program Committee Member and Reviewer** in 5th International Conference on Intelligent Vision and Computing (ICIVC 2025) organized by The ICFAI University, Dehradun during 13th – 14th June, 2025.

c. MOOCs/COURESERA/ NPTEL courses completed by the faculty:

- i. **NPTEL online certification course** was conducted by various IIT's from June - December 2024. Exam was conducted in the month of September and October 2024. Following are the details of certified faculty members.

S.No	Name of The Faculty	Name of the Course	Score	Certificate Type
1	Dr B. Surya Prasada Rao	Problem Solving Through	60	Elite
2	Dr V S D Rekha	Programming in C	60	Elite
3	Dr A Geetha Devi	Introduction to Internet of Things	81	Elite+ Silver
4	Mrs. D. Swathi		90	Elite+ Gold
5	Dr.V.Ratna Kumari	Programming in Python	93	
6	Mrs.D.Hareesha		93	
7	Mrs.B.V.Subbayamm		93	
8	Mrs.B.Swati Lakshmi		92	

- ii. **NPTEL online certification course** was conducted by various IIT's from Jan-May 2025. Exam was conducted in the month of March, April and May 2025. Following are the details of certified faculty members.

S.No	Name of the Faculty	Name of the Course	Final Score	Certificate Type
1	Dr Surya Prasada Rao Borra	Introduction to Internet of Things	83	Elite + Silver
2	Dr.V.Ratna Kumari	Art of C Programming	92	
3	Mrs.B.V.Subbayamma		84	
4	Mrs.D.Hareesha		90	
5	Mrs.B.Swathi Lakshmi		74	

Others:

- i. Dr. B. Surya Prasada Rao invited for AIKYA – 2024 **National Tech Fest** at VVIT, Namburu on 27.09.2024.
- ii. Dr. B. Surya Prasada Rao invited as Chief Guest for **IETE Foundation Day** Celebrations at VVIT, Nambur on 05.11.2024.
- iii. Dr. B. Surya Prasada Rao invited as Chief Guest for **Youth Festival** conducted by Rotary Club of Macherla on 14.11.2024.
- iv. Dr. B. Surya Prasada Rao invited as Chief Guest to deliver Keynote address at **IETE Student Forum (ISF) inauguration** ceremony at Vijaya Institute of Technology for Women, Enikepadu on 20.12.2024.
- v. Dr.C.Subba Rao nominated as **subject expert** for ratification interviews of Asst. Professor, Assoc. Professor & Professor at Dhanekula Institute of Engg., and Technology on 28.12.2024.

- vi. Dr. B. Surya Prasada Rao was invited for **IETE Students Day Celebrations** at VIT-AP Amaravathi on 1st February, 2025.
- vii. Dr. B. Surya Prasada Rao was invited for **Eureka - The Science Quest** at Shamrock International School on 1st February, 2025.
- viii. Dr. B. Surya Prasada Rao was invited for **INNOVATHON 2025** at Andhra Layola Institute of Engineering and Technology, Vijayawada on 6th March, 2025.
- ix. Dr. B. Surya Prasada Rao was invited for One week Online workshop on **Industrial approach to Internet of Things and Its Research Challenges** at Andhra Layola Institute of Engineering and Tech VIT –AP, Amaravathi on 20th March, 2025.
- x. Dr. B. Surya Prasada Rao was invited for **Technoviete 2k25 A National Level Technical Event** at VR Siddhartha School of Engineering, Vijayawada on 28th March, 2025.
- xi. Dr. B. Surya Prasada Rao was invited for **Open House** in ECE Dept., at SRM University, AP., Amaravathi on 23rd April, 2025.

2. Students' achievements:

a) Extra-curricular Activities:

- i. Ms. Potluri Hanisha Moditha Satya Sree 23501A0494 of II B.Tech ECE had the distinguished opportunity to attend **SOUL – Soul of Ultimate Leadership**, a landmark event hosted at **Bharat Mandapam, New Delhi**. The **Hon'ble Prime Minister of India, Shri Narendra Modi**, and the **Prime Minister of Bhutan** jointly inaugurated the program on 20th and 21st February, 2025.



- ii. Mr. CH. Harshavardhan Reg.No: 23501A0425 & Ms. Potluri Hanisha Moditha Satya Sree 23501A0494 of II B.Tech ECE selected for **Stanford University Innovation Fellows Program 2025**. They attended this program held at Netherlands from April 3rd – 6th April 2025.



b) Co-curricular Activities:

a. Student Paper Publications and Presentations:

- i. T. Divya, SK. Arifa, N. Sravya, U. Chandra Sekhar of IV B.Tech presented a paper titled **A Deep Learning Framework for Image Colorization** in the International Conference on Micro Structure, VLSI, Robotics, Communiation, Electrical and

Emerging Technologies using AIML algorithms (ICMVR CET 2025) organized by MVR College of Engineering and Technology, Paritala on 21st & 22nd March 2025.

- ii. TMC Avinash, S. Akhila, T.V.A.S. Parvathi, SD. Shaveena Begum, M. Kula Sekhar of IV B.Tech presented a paper titled **Evaluation of channel of performance in XL -multiple input multiple output: Far-Field Vs Near Field** in International Conference on Augmented Intelligence and sustainable systems (ICAISS- 2025), ISBN: 979-8-3315-0723-7 organized by CARE college of Engg, Trichy during 21st - 23rd March 2025.
- iii. Haritha Muvvala, Sowjanya vemula, Chandu pilla, Sowjanya Tatiparthi, Levanth Kumar Merugu presented a paper titled **Leukocyte Disorder Detection and White Blood** in Proceedings of the 8th International Conference on Trends in Electronics and Informatics (ICOEI-2025), ISBN: 979-8-3315-4459-1, in April, 2025.

b. Certification Courses:

- i. The following are the details of course completion certificates received for online courses through **Infosys spring board offered by Infosys**.
 - 96 students of III B.Tech - Internet of Things Foundation Certification.
 - 2 students of II B.Tech – C Programming 101
 - 24 students of II B.Tech – Programming in C
- ii. The following are the details of course completion certificates received for online courses through **Spoken Tutorials offered by IIT Bombay**.
 - 98 students completed Python 3.4.3 on 3rd August, 2024.
 - 119 students completed Arduino on 1st October, 2024.
 - 132 students completed JAVA course on 1st March, 2025.
 - 131 students completed Cpp course on 21st March, 2025.
 - 130 students completed C course on 21st March, 2025.

iv. **NPTEL online certification course** was conducted by various IIT's from June-December 2024. Exam was conducted in the month of September and October 2024. Following are the details of certified students.

S.No	Reg No	Name of the Student	Final Score	Certificate Type
	Course Name: System Design Through Verilog			
1	21501A0477	Mediboyina Praveen Kumar	71	Elite
2	21501A0485	Muvvala Haritha	56	Successfully completed
3	21501A04A0	P. Veena Naga Sri Surya Priya	60	Elite
4	21501A04A3	Rajulapati Puneetha	58	Successfully completed
5	21501A04A6	Akhila Salapati	62	Elite
6	21501A04B4	Talluri Divya Naga Durga	63	Elite
7	21501A04D0	Yekula Chamundeswari	64	Elite
8	22501A0446	Shanmathi	50	Successfully completed
9	22501A0488	Morla Sunanda	50	Successfully completed
10	22505A0406	Ogirala Bindu Madhavi	69	Elite
11	22505A0407	Parasa Thapaswi	65	Elite
12	23505A0403	Jithin Krishna Chintha	75	Elite+Silver
13	21501A0414	B. Lakshmi Venkata Sarvani	77	Elite+Silver
14	22501A0468	Charan	50	Successfully completed
15	22501A0420	Chiniga Likhitha	62	Elite
16	22501A0460	Katuru Gunadeep	65	Elite
17	22501A04C2	Tummalapalli Himasri	53	Successfully completed
18	22501A0445	Jonnalagadda Jaswanth	49	Successfully completed
19	22501A0471	Koneti Sai Sankar	57	Successfully completed
20	22501A04C4	Uma Kureti	56	Successfully completed

21	22501A0455	Madhanakhil Kapalavai	56	Successfully completed
22	21501A0410	Bande Manoj	97	Elite+gold
23	21501A0442	GJSL Phanindra	84	Elite+Silver
24	21501A0451	Kandula Naga Praveen	75	Elite+Silver
25	21501A0452	Kareti Sri Krishna	79	Elite+Silver
26	21501A0474	Mandala Jahnvi	79	Elite+Silver
27	23505A0407	Medanki Sandeesha	64	Elite
28	23505A0408	Medurijahnavi	65	Elite
29	22501A0450	Kancharla Nishitha Krishna	77	Elite+Silver
30	22501A0417	Chegondi Prasanna Veera Durga	75	Elite+Silver
31	22501A0422	Chinta Prem	67	Elite
32	23505A0402	Bhimala Sanjeevi	51	Successfully completed
33	22501A0469	K. V. Naga Sri Guru Sasank	63	Elite
34	22501A04C3	B S Sai Satyanarayana U	76	Elite+Silver
35	22501A0492	Nekkanti Sneha Sree	51	Successfully completed
36	22501A04C1	Thirumalasetti Som Swaroop	66	Elite
37	22501A04A2	Pasam Sushma Priya	70	Elite
38	23505A0412	Ummadisetty Swarnalatha	72	Elite
39	22501A0427	Devarapalli Varshitha	50	Successfully completed
40	22501A04C5	V S L Lavanya Kompella	58	Successfully completed
Course Name: The Joy of Computing using Python				
41	23501A04424	Chintapalli Silvy Joice	48	Successfully completed
42	23501A0432	Vijay Kumar	55	Successfully completed
43	23501A0442	Guduru Reshma Sri	61	Elite

44	23501A0460	Kotapuri Rishitha Joy	43	Successfully completed
45	23501A04B2	Bhavya Srisundru	63	Elite
46	23501A04C0	Vallabhaneni Bindu Sree	82	Elite+Silver
47	23501A0482	Nekkalapudi Teresa	60	Elite
48	23501A0465	Lakshmi Vara Priya Ambati	82	Elite+Silver
49	23501A0423	Chinnapureddy Pranathi	46	Successfully completed
50	23501A0437	Garlapati Lalitha Vasavi	51	Successfully completed
51	23501A0406	Gnana Kusuma Anaparthi	58	Successfully completed
52	23501A0439	Golla Sujana Sri	43	Successfully completed
53	24505A0403	Goli Charana Sri	75	Elite+Silver
54	23501A04B5	Rithvika Thikkisetty	68	Elite
55	23501A0450	Kakani Meghana	52	Successfully completed
Course Name: Digital Circuits				
56	23501A0493	Ponakala Pujitha	56	Successfully completed
57	23501A0420	Botta Srinivas	57	Successfully completed
58	23501A04B9	Utlapalli Meghana	62	Elite
59	22505A0411	V Venkat Vardhan Babu	60	Elite
60	24505A0412	Vemula Naga Vanaja Sree	57	Successfully completed
61	23501A0403	Alla Papa	61	Elite
62	23501A0405	Jayasri Anamdasu	54	Successfully completed
63	23501A0414	B Janasree	42	Successfully completed
64	23501A0419	Gowtham Sai	54	Successfully completed
65	23501A0421	Brahmesh Guru Charan N	54	Successfully completed
66	23501A0428	Dadi Bhagyavathi	70	Elite
67	23501A0431	D Naga Sai Rama Teja Sree	58	Successfully completed

68	23501A0440	Gottapu Bhanu Teja	55	Successfully completed
69	23501A0445	G Himana	55	Successfully completed
70	23501A0448	K Hemanand Kumar	67	Elite
71	23501A0452	Kandru Sravya	61	Elite
72	23501A0458	Koppula Pavani	42	Successfully completed
73	23501A0459	Koppuravuri Bhuvan Sanjeeth	51	Successfully completed
74	23501A0485	Pagidi Namratha	58	Successfully completed
75	23501A0491	Pavan Kumar	55	Successfully completed
76	23501A0496	P Sri Harsha	53	Successfully completed
77	23501A04B0	SVL Karthik	58	Successfully completed
78	23501A04B1	Sumaiah	53	Successfully completed
79	23501A04B3	Swarna Kishore	56	Successfully completed
80	23501A04B4	Tadiparthi Monisha	51	Successfully completed
81	23501A04C3	Velduti Durga Mani Kanta	56	Successfully completed
82	23505A0401	Bandaru Swarupa	68	Elite
83	23505A0404	Thabitha Javvadi	70	Elite
84	23505A0405	Santhosh Kumar Kailay	58	Successfully completed
85	23505A0406	Sumanjali	65	Elite
86	23501A0451	Kandi Anusha	49	Successfully completed
87	23501A0409	Devesh Sai Karthik Arasavalli	50	Successfully completed
88	23501A04A3	Sanagapati Papa Harini	57	Successfully completed
89	23501A0429	D Murali Chandra Siddhartha	53	Successfully completed
90	23501A04B7	Tirumalasetty Naga Dhatri	60	Elite

91	23501A0484	Padisala Sruthi	52	Successfully completed
92	23501A0401	Abdul Raheema	63	Elite
93	23501A0457	Kolli Vamsikrishna	40	Successfully completed
94	23501A0471	M Balaram Pradeep	64	Elite
95	23501A0480	Naru Jayasimha Reddy	61	Elite
96	23501A0444	G. Gangothri Lakshmi Anuhya	51	Successfully completed
97	23501A04C6	Iswarya Vinnakota	56	Successfully completed
98	23501A04C4	Vellanki Niharika	54	Successfully completed
99	23501A0401	Amrthaluri Manohar	49	Successfully completed
100	23501A0464	L Revanth	57	Successfully completed
101	23501A076	Munji Urmila	55	Successfully completed
102	23501A04B8	Tunuguntla Eswar Sai	54	Successfully completed
103	23501A04C2	Satish Vavilapalli	55	Successfully completed
104	23501A0417	Bollaka Praveen Kumar	53	Successfully completed
105	23501A0454	Vyshnavi Kasturi	55	Successfully completed
106	23501A0489	Patchipala Bhanu Sri Koushik	54	Successfully completed
107	23501A0492	Pillala Pavan Kumar	56	Successfully completed
108	23501A0462	K Kavya Manjusha	54	Successfully completed
109	23501A04A1	Rowthu Bhavani Shankar	54	Successfully completed
110	23501A0416	Charishma	53	Successfully completed
111	24505A0408	Konari Govind	54	Successfully completed
112	24505A0410	M. Raghava Datta Navdeep	53	Successfully completed
113	24505A0409	Koneru Yoganand	54	Successfully completed
114	23501A0436	Garimella Abhiram	58	Successfully completed

115	24505A0411	Pusunuru Sri Lakshmi	69	Elite
116	22501A0406	Bande Divya Sree	62	Elite
117	23501A0410	A Ramya Mounika	54	Successfully completed
118	23501A0481	Neelisetty Eswari Devi	61	Successfully completed
Course Name: Problem Solving Through Programming in C				
119	24505A0404	Issac Puppala	69	Elite
120	24505A0409	Koneru Yoganand	61	Elite
Course Name: Data Structure and Algorithms using Java				
121	22501A04A8	Ramayanam Vamsi Krishna	56	Successfully completed
122	22501A04A7	R Hari Prasad	55	Successfully completed
123	22501A0479	M Venkata Satya Aravind	51	Successfully completed
124	22501A0486	Mohammad Sabiha	53	Successfully completed
Course Name: Computer Graphics				
125	22501A0490	Murapaka Nanditha	52	Successfully completed
126	22501A04A0	Pamarthi Vaishnavi	54	Successfully completed
Course Name: Technical English for Engineers				
127	23501A04B7	Tirumalasetty Naga Dhatri	79	Elite+Silver
Course Name: Introduction to Semiconductor Devices				
128	23501A0420	Botta Srinivas	44	Successfully completed
Course Name: Analog Communication				
129	22501A04A3	P Lokeswara Satya Sandeep	64	Elite
Course Name: Cloud Computing				
130	23501A0415	Bellamkonda Siva Sai Krishna	60	Elite
Course Name: Soft Skill Development				
131	22501A0453	Kandira Nagaraju	56	Successfully completed

iii. **NPTEL online certification course** was conducted by various IIT's from Jan-May 2025. Exam was conducted in the month of March, April and May 2025. Following are the details of certified students.

S.No	Reg. No.	Name	Final Score	Certificate Type
Course Name: Digital System Design				
1	23501A0406	Gnana Kusuma Anaparthi	52	Successfully completed
2	23501A0449	Kaja Veda Sri	60	Elite
3	23501A0456	Kokkiligadda Lasya	51	Successfully completed
4	23501A04A0	Reddam Meghana	64	Elite
5	23501A04A5	Sanikommu Sowmya	61	Elite
6	23501A04B7	Tirumalasetty Naga Dhatri	51	Successfully completed
7	23501A04C0	Vallabhaneni Bindu Sree	67	Elite
8	23501A04C5	Vemula Kusuma	56	Successfully completed
9	24505A0407	khamare mobeen	51	Successfully completed
10	24505A0409	Koneru Yoganand	75	Elite + Silver
11	24505A0411	Pusunuru Sri Lakshmi	52	Successfully completed
12	24505A0412	Vemula Naga Vanaja Sree	43	Successfully completed
13	22501A0495	N Bhavana	52	Successfully completed
14	22501A04A3	Patnala Lokeswara Satya Sandeep	61	Elite
Course Name: Digital Design with Verilog				
15	23501A0480	Naru Jayasimha Reddy	54	Successfully completed
16	23501A0489	Patchipala Bhanu Sri Koushik	60	Elite
17	23501A0492	Pillala Pavan Kumar	56	Successfully completed
18	23501A04C2	Satish Vavilapalli	60	Elite
19	24505A0410	Madanambidu Raghava Datta Navdeep	65	Elite
Course Name: Problem Solving Through Programming In C				
20	23501A0401	Abdul Raheema	69	Elite
21	23501A0403	Alla Papa	43	Successfully completed
22	23501A0428	Dadi Bhagyavathi	54	Successfully completed

23	24505A0403	Goli Charana Sri	54	Successfully completed
	Course Name: Enhancing Soft Skills and Personality			
24	23501A04B 7	Tirumalasetty Naga Dhatri	75	Elite + Silver
	Course Name: VLSI Physical Design with Timing Analysis			
25	23505A0413	veeranki lahari	53	Successfully completed
	Course Name: Programming in Java			
26	24505A0409	Koneru Yoganand	81	Elite + Silver
	Course Name: Evolution of Air Interface towards 5G			
27	22501A0401	Abdul Vahidunnisa	68	Elite
28	22501A0417	Chegoni Prasanna Veera Durga	75	Elite + Silver
29	22501A0441	Gudapati Srujana	66	Elite
30	22501A0450	Kancharla Nishitha krishna	63	Elite
31	22501A0455	Madhan Akhil Kapalavai	75	Elite + Silver
32	22501A0457	Katipalli Anitha	73	Elite
33	22501A0465	Kolipara Sunny	61	Elite
34	22501A0466	Kolusu Dhana Sri	83	Elite + Silver
35	22501A0469	Konduri Venkata Naga Sri Guru Sasank	48	Successfully completed
36	22501A0488	Morla Sunanda	60	Elite
37	22501A0492	Nekkanti Sneha Sree	54	Successfully completed
38	22501A0494	Nelluru Navya Sri	54	Successfully completed
39	22501A04A 7	Pasam Sushma Priya	62	Elite
40	22501A04A 8	Ramayanam Vamsi Krishna	54	Successfully completed
41	22501A04C 7	Bala Siva Sai Satyanarayana	64	Elite
42	22501A04D 1	Yarajarla Varsha	60	Elite
43	23505A0401	Bandaru Swarupa	77	Elite + Silver
44	23505A0404	Thabitha Javvadi	80	Elite + Silver
45	23505A0406	Kakarla Sumanjali	87	Elite + Silver & Topper of 5% in this course
46	23505A0408	Medurijahnavi	69	Elite
47	23505A0412	Ummadisetty Swarnalatha	65	Elite

	Course Name: Data Science for Engineers			
48	22501A0478	Manupati Akshaya	55	Successfully completed
49	23505A0403	Jithin Krishna Chintha	66	Elite
	Course Name: Discrete Time Signal Processing			
50	22501A0428	Devireddy Sai Balaji Reddy	54	Successfully completed

c. Student Participation:

- i. Ms. N.Teresa Reg.No: 23501A0482, Ms T.Rithvika 23501A04B5, Ms V.Bindu Sree 23501A04C0 secured I prize in CIRCUIT SURGE conducted by V.R. Siddhartha Engineering College, Vijayawada on 21.2.2025.

