

Newsletter

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SIGNALS



HALF - YEARLY NEWS LETTER

VOLUME: 26

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Newsletter

**Electronics & Communication
Engineering**



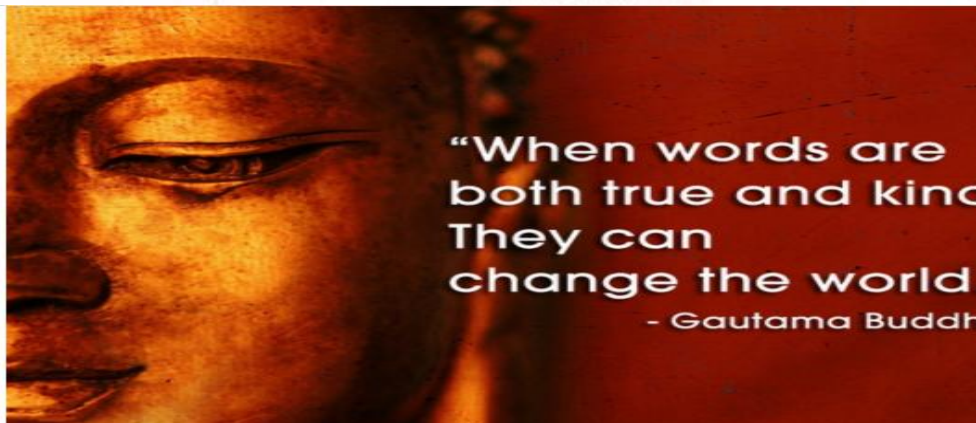
**PRASAD V POTLURI
SIDDHARTHA
INSTITUTE OF TECHNOLOGY**

EDITORIAL BOARD

1. Dr C.Subba Rao
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2. Dr. K. Ramanjaneyulu
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Assistant Professor
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7. Mr. K.V.N.S.G.Sasank
(22501A0469) III B.Tech
8. Ms.G.Himana
(23501A0445) II B.Tech
9. Mr. P. Bhanu Sri Koushik
(23501A0489) II B.Tech

Inside:

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- ✓ Industrial Visits
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1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums organized

The department of Electronics and Communications Engineering organized ---

- i. Two days Training Program on **Cadence VLSI Tools** on 24th & 25th January, 2025.

Resource Person: Mr. P.Rajendra Application Engineer, Entuple Technologies, Bangalore.



- ii. Guest lecture on **Energy Efficient VLSI Circuit Design with CMOS Devices** on 6th February, 2025.

Resource Person: Dr Ramesh Vaddi, Associate Professor, ECE, SRM University
Amaravati, Andhra Pradesh

- iii. Guest lecture on **Circuits for energy efficient processing of Deep Neural Networks on AI Edge** on 6th February, 2025.

Resource Person: Dr V Udaya Sankar, Assistant Professor, ECE, SRM University
Amaravati, Andhra Pradesh

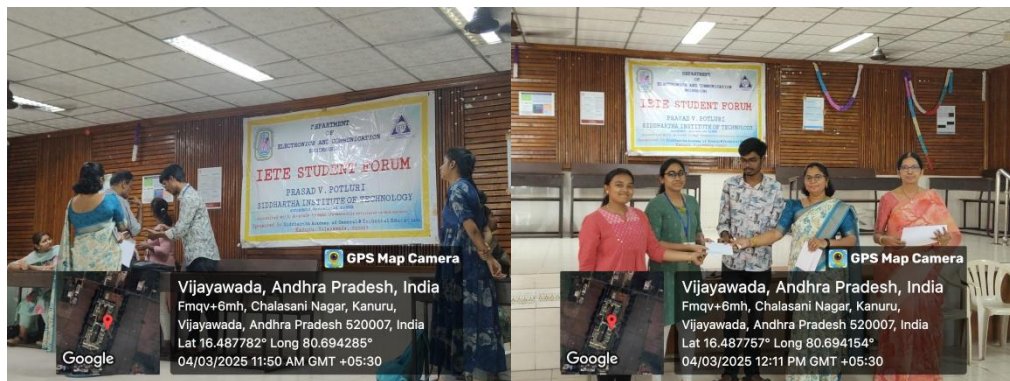


- iv. Felicitation ceremony in association with IE Student Chapter in honor of **Ms. Potluri Hanisha Moditha Satya Sree** a student of II B.Tech, ECE, for her remarkable achievements at both the state and national levels in the prestigious **Vikasith Bharath Young Leaders Dialogue 2025** competition on 12th February, 2025.



v. **Project Poster presentation** for IV B.Tech students on 4th March, 2025.

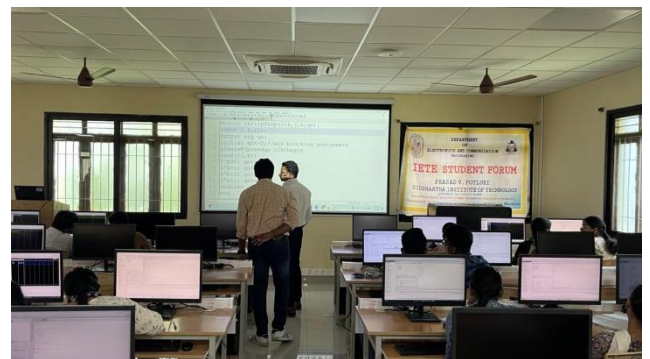
Judge: Dr.G.N.Swamy, Professor, EIE, VRSEC



vi. A two-day workshop on **Very Large Scale Integration (VLSI) Design** during 20th – 21st March, 2025.

Resource Persons:

1. P Tejeswara Rao - Physical Design Verification Engineer @ SSiT
2. S Lokeshwar Reddy S - FPGA Prototyping Engineer @ SSiT
3. Y Dhanush Reddy - Digital Design Engineer @ Analog Devices
4. R Sudheer - Chief Technology Officer @ SSiT



- vii. Alumni guest lecture on **Experience in M.Tech. and Getting into VLSI** on 19th April 2025.

Resource Person: Mr. Teki Prudvi Raj, M.Tech. at IIIT(DM), Physical Design Engineer, Advanced Micro Devices (AMD) Pvt. Ltd., Hyderabad, 2019-2023 alumnus.



- viii. Guest lecture on **Quantum Computing** on 17th May, 2025.

Resource Person: Dr. Ch. Gangadhar, Associate Professor, Dept. of ECE, PVPSIT.



- ix. A five - day Train the Trainers Program on **Entrepreneurship and Venture Creation** in association with JNTU, Kakinada & Wadhvani Foundation during 16th – 20th June, 2025.

Resource Person: Mr. Gopa Kumar

Ms. Vishnu Priya from Wadhvani Foundation



2. Workshops/ Seminars/STTP/Conferences/Faculty Development Programmes/ Awareness programmes attended by the faculty:

a) Seminars/Webinars:

- i. Dr. Haji Habibulla MD attended a guest lecture on **Turnip Innovation Festival 2025** organized by Turnip Innovations Pvt. Ltd. in association with Qualcomm on 25th January, 2025.

b) Workshops:

- i. Dr.Haji Habibulla MD attended an 21 Days **Masterclass on Power BI** organized by Pantech e learning during 3rd – 23rd February, 2025.

c) Faculty Development Programmes:

- i. Dr. B. Samuyelu participated in **Recent Innovations in communication systems, AI, ML and Biomedical systems** organized by Electronics and ICT Academy IIT Roorkee in association with KKR &KSR Institute of Technology and Sciences, Guntur during 20th – 24th January, 2025.
- ii. Dr. P. Venu Madhav, Mrs. L. Madhavi Devi, Mrs. T. Maha Lakshmi participated in **Internet of things and predictive control** organized by Dept of EEE, NIT Warangal in association with GIAN during 1st – 5th February, 2025.
- iii. Mrs. D.Praveena Bai, Mrs. T. Maha Lakshmi participated in **SOC Design for 5G Beyond wireless communications and signal processing applications** organized by VRSEC in association with NIT Warangal during 5th – 15th February, 2025.
- iv. Dr.V.Ratna Kumari, Mrs.D.Hareesha participated in **AI for Communication and Signal Processing Applications** organized by E&ICT Academy, NIT Warangal in association with Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru during 3rd-13th February, 2025.
- v. Mrs. L. Madhavi Devi, Mrs. T. Maha Lakshmi participated in **Next-Generation Wireless Communication Systems: Trends, Technologies and Future Directions** organized by Department of ECE, LBRCE, Mylavaram during 10th – 14th February, 2025.

- vi. Mrs.K. Anitha participated in **Recent Trends in MEMS, VLSI, and Signal Processing** organized by E&ICT Academy, NIT Warangal in association with SAHE, Vijayawada in association with MeitY during 15th – 24th February, 2025.
- vii. Mrs. B. V. Subbayamma, Mrs. Ch. Sri Lakshmi participated in **Next Gen Communications for IoT and Industrial Automation** organized by Holy Mary Institute of Technology & Science, Hyderabad in association with AICTE during 20th – 25th February, 2025.
- viii. Mrs.K. Anitha, Ms. B. Swathi Lakshmi, Mrs. D Swathi, Mrs. T. Maha Lakshmi participated in **Womens Special Happiness Program on Health, Happiness & Wellbeing** organized by FED and IQAC, PVPSIT in association with Art of Living during 9th - 13th March, 2025.
- ix. Dr. B. Samuyelu, Mrs. D Swathi participated in **Future of AI in Education: Enhancing Teaching and Learning** organized by Saradha Gangadharan College, Velrampet, Puducherry during 14th – 18th April, 2025.
- x. Dr.V.Ratna Kumari, Mrs. D. Hareesha, Mrs. B. V. Subbayamma, Mrs. B. Swathi Lakshmi, Mrs. D Swathi, Mrs. Ch. Sri Lakshmi participated in **Generative AI & Blockchain Applications through AI** organized by Dept.of IT, PVPSIT during 22nd- 26th April, 2025.
- xi. Dr. B. Samuyelu, Dr.Haji Habibulla MD participated in **Intellectual Property Rights** organized by Dept. of MBA, PVPSIT on 28th April, 2025.
- xii. Mrs.K. Anitha, Mrs. B. Swathi Lakshmi, Mrs.D.Swathi participated in **Role of AI Applications to Emerging Technologies** organized by Dept. of EEE, PVPSIT during 10th -14th June, 2025.

3. Publications by the faculty (National/International Journals/ Conferences):

a) Scopus indexed journals:

- i. Dr. J.Ravindra Babu published a paper titled **Analyzing the Effectiveness of ML and DL in Combatting Personal Condition Misinformation on Social Media** in IAENG

International Journal of Computer Science; ISSN:1819-9224, Vol:52, Issue: 1, pp: 258-267, Jan - 2024.

- ii. Dr.T.Balaji published a paper titled **Authentication using facial expression detection** in the Journal of Theoretical and Applied Information Technology; ISSN:1992-8645, Vol:103, Issue:2, pp: 725-731, Jan - 2025.
- iii. Ms.T.Sushma published a paper titled **A Miniaturized Quad Port Highly Isolated Triple Band Notched UWB-MIMO Diversity Antenna** in the Progress in Electromagnetics Research C ; ISSN: 1937-8718, Vol:152, Issue:2025, pp: 43-53, Jan-2025.
- iv. Dr.T.Balaji published a paper titled **Air Quality Prediction Using IOT and Neural Networks-An Empirical Analysis** in the Journal of Theoretical and Applied Information Technology; ISSN: 1992-8645, Vol:103, Issue:3, pp:1076-1082, Feb - 2025.
- v. Mr.K.Phani Rama Krishna published a paper titled **Dissolved Oxygen Level Measurement in Water using IOT and Machine Learning** in Journal of Theoretical and Applied Information Technology; ISSN: 1992-8645, Vol:103, Issue:3, pp:1426-1431, Feb - 2025.
- vi. Mr.A.Ashok Babu published a paper titled **Optimized Classification with CBGRU-CapNet on Thermographic Analysis to Detect Diabetic Foot Ulcers with Precise Diagnosis** in the Journal of Biomedical Photonics & Engineering ; ISSN: 2411-2844, Vol:11, Issue:1, pp: 010306 -1 - 010306 -15, Mar - 2025.
- vii. Dr. Habibulla Md published a paper titled **Implementation of deep belief neural network on energy efficient Routing Algorithm in WSN** in the International Journal of Electronics and Telecommunications; ISSN: 2300-1933, Vol:71, Issue:1, pp: 309-315, Mar - 2025.

- viii. Dr. A Geetha Devi published a paper titled **A new multimodal medical image fusion framework using Convolution Neural Networks** in the Journal of Medical Engineering & Technology; ISSN: 1464-522X, Vol:49, Issue:1, pp:1-8, Apr- 2025.
- ix. Mrs. Ch. SriLakshmi published a paper titled **Analysis of a Tetra-Band Microwave Bandpass Filter for Satellite Communication Applications** in the International Journal of Microwave and Optical Technology; ISSN: 1553-0396, Vol:20, Issue:2, pp: 160-168, May - 2025.
- x. Dr. Ch Gangadhar published a paper titled **Wearable sensor-based fall detection for elderly care using ensemble machine learning techniques** in the Measurement: Sensors; ISSN: 2665-9174, Vol:39, Issue:1, pp: 101870, June - 2025.
- xi. Dr. Habibulla Mohammad published a paper titled **Exploring the transformative role of Artificial Intelligence in Healthcare** in the Journal of Theoretical and Applied Information Technology; ISSN: 1992-8645, Vol:103, Issue:11, pp: 4769-4780, June - 2025.

b) Conferences:

- i. Dr. C.Subba Rao presented a paper titled **Frequency Detuning and Performance Analysis in Circularly Polarized Dual-Band Wearable Antenna for Body Area Networks under Bending Conditions**, in 2025 4th International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE); ISSN/ISBN No.: 979-8-3315-3367-0 organized by Ballari Institute of Technology & Management during 25th – 26th April, 2025.
- ii. Dr. T.Haritha presented a paper titled **Evaluation of Channel Performance in XL-Multiple-input Multipleoutput: Far-Field vs Near-Field**, in 2025 Third International Conference on Augmented Intelligence and Sustainable Systems (ICAISS); ISSN/ISBN No.: 979-8-3315-0724-4 organized by Trichy, India during 21st – 23rd May, 2025.

4. Faculty Achievements (Patents, Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Resource person etc.):

a) Ph.D's Awarded/Guided:

- i. 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) Guest lectures delivered:

- i. Dr. B. Surya Prasada Rao delivered expert lecture on **Emerging Trends in Technology** at Govt. Polytechnic, Gannavaram on 5th February, 2025.
- ii. Dr. B. Surya Prasada Rao delivered guest lecture on **The Essence of Humanity: Understanding Universal Human Values** at Sai Spurthi Institute of Technology, Sathupally on 20th February, 2025.
- iii. Dr. B. Surya Prasada Rao delivered guest lecture on **IOT-Sensors to Smart Homes** at Priyadarshini Institute of Science and Technology for Women, Khammam on 20th February, 2025.
- iv. Dr.V.Ratna Kumari delivered a guest lecture on **ARM Controllers and System Engineering** at NRI Institute of Technology on 24th March, 2025.
- v. Mrs. B.Swathi Lakshmi and Mrs. L.Madhavi Devi acted as a resourse persons in the FDP on **Design and Simulation of MIMO Antennas for 5G Applications** organized by NRI Institute of Technology on 4th April, 2025.

c) Reviewers of journals:

- i. 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.

- ii. Dr.J.Ravindrababu served as **Reviewer** for Australian Journal of Electrical and Electronics Engineering on 27th January, 2025.
- iii. 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.
- iv. 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.

d) Recognitions:

- i. Dr. B. Surya Prasada Rao was invited for **IETE Students Day Celebrations** at VIT-AP Amaravathi on 1st February, 2025.
- ii. Dr. B. Surya Prasada Rao was invited for **Eureka - The Science Quest** at Shamrock International School on 1st February, 2025.
- iii. Dr. B. Surya Prasada Rao was invited for **INNOVATHON 2025** at Andhra Layola Institute of Engineering and Technology, Vijayawada on 6th March, 2025.
- iv. 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.
- v. 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.
- vi. Dr. B. Surya Prasada Rao was invited for **Open House** in ECE Dept., at SRM University, AP., Amaravathi on 23rd April, 2025.

e) MOOCs/COURESERA/NPTEL courses completed by the faculty:

Certification Courses:

- i. **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	

5. Industrial Visits:

- i. II B.Tech. students visited Efftronics Systems Pvt. Ltd. on 7th February, 2025.



6. Students' achievements:

a) Co-curricular Activities:

i. Certification Courses:

i. The following are the details of course completion certificates received for online courses through Spoken Tutorials offered by IIT Bombay.

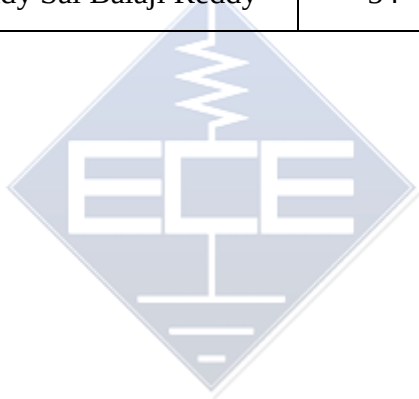
- 132 students completed JAVA course on 1st March, 2025.
- 131 students completed Cpp course on 21st March, 2025.
- 130 students completed C course on 21st March, 2025.

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 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 Vedaasri	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	23501A04B7	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	Chegondi 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	Kollipara 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	22501A04A2	Pasam Sushma Priya	62	Elite
40	22501A04A8	Ramayanam Vamsi Krishna	54	Successfully completed

41	22501A04C3	U.B.S. Sai Satyanarayana	64	Elite
42	22501A04D1	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



ii. Internships attended by students:

The following are the details of Internship attended by IV B.Tech. Students at different organizations:

S. No	Reg No	Student Name	Internship Company Name	Course Name	Duration
1	21501A0401	Abdul Namathunnisa	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
2	21501A0402	Abdul Rezwana	Omniwyse Technologies Pvt. Ltd	Software Product Development Team	04.11.2024 to 22.02.2025
3	21501A0403	Akkipalli Vasavya	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
4	21501A0404	Alakunta Venkateswara Rao	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
5	21501A0405	Allam Sai Kalyan	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
6	21501A0406	Ananthula Sai Ram Swaroop	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
7	21501A0407	Angirekula Sowmya Chandrika	Brain o Vision Solutions Pvt. Ltd.	Python Full Stack	02.01.2025 to 22.02.2025
8	21501A0408	Arigela Siva Ram	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
9	21501A0409	Avula Harshitha	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
10	21501A0410	Bande Manoj	Sense Semiconductor and IT Solutions	Digital Design	13.08.2024 to 22.02.2025
11	21501A0411	Bathula Kavya Sri	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025

12	21501A0412	Bejawada Nikhitha	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
13	21501A0413	Bejjam Tejaswi	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
14	21501A0414	Bhagavathula Lakshmi Venkata Sarvani	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
15	21501A0415	Bhavisetti Girish	Brain o Vision Solutions Pvt. Ltd.	Python Full Stack	02.01.2025 to 22.02.2025
16	21501A0416	Boddapati Gopi Mallikharjun	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
17	21501A0417	Bogala Shanmukh Sai	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
18	21501A0419	Bommareddy Neelima	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
19	21501A0420	Bontha Akash	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
20	21501A0421	Borra Nandini	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
21	21501A0422	Boyapati Keerthana	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
22	21501A0423	Budala Praveen Kumar	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
23	21501A0424	Chathala Guru Babu	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
24	21501A0425	Cheekatla Nimshi Noel Christi	Brain o Vision Solutions Pvt. Ltd.	Python Full Stack	02.01.2025 to 22.02.2025
25	21501A0426	Chennu Likhith Kumar	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
26	21501A0427	Chikkam Sri Raj	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
27	21501A0428	Chilakalapudi Harish Sai	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025

28	21501A0429	Chinta Prasanna Lakshmi	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
29	21501A0430	Darmarao Hemanth	Brain o Vision Solutions Pvt. Ltd.	Python Full Stack	02.01.2025 to 22.02.2025
30	21501A0431	Dasari Sreenadh	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
31	21501A0432	Dhannana Vasu	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
32	21501A0433	Eede Surya Vamsi Krishna	Brain o Vision Solutions Pvt. Ltd.	Web Development	02.01.2025 to 22.02.2025
33	21501A0434	Gaddam Veera Babu	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
34	21501A0435	Galanki Havya	Omniwyse Technologies Pvt. Ltd	Software Product Development Team	04.11.2024 to 22.02.2025
35	21501A0437	Gandreti Jayanth	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
36	21501A0438	Ganji Madhuri	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
37	21501A0439	Gopu Chandra Sekhar	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
38	21501A0440	Goriparthi Amrutha	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
39	21501A0441	Goriparthi Preethi	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
40	21501A0442	Gudiseva Jogi Sai Lakshmana Phanindra	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
41	21501A0443	Gummadidala Ajay Kumar	Brain o Vision Solutions Pvt. Ltd.	Web Development	02.01.2025 to 22.02.2025
42	21501A0444	Guniganti Pradeep Sai Lakshman	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
43	21501A0445	Gunti Sai Ram Surya Pavan Karthik	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025

44	21501A0446	Jalluri Teja Venkata Saimohan Vijay Rajesh	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
45	21501A0447	Jeeri Geetha	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
46	21501A0448	Jeya Vardhini Battu	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
47	21501A0449	Kaki Dhavan Sai	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
48	21501A0450	Kandi Ravana	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
49	21501A0451	Kandula Naga Praveen	Sense Semiconductor and IT Solutions	Digital Design	13.08.2024 to 22.02.2025
50	21501A0452	Kareti Sri Krishna	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
51	21501A0453	Kasani Greeshma Prasudha	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
52	21501A0454	Kavilikatta Varsha	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
53	21501A0455	Kavyasri Kanaka	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
54	21501A0456	Kilaru Ramya Durga	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
55	21501A0457	Kolakaluri Parvathi Supreeth	Brain o Vision Solutions Pvt. Ltd.	Web Development	02.01.2025 to 22.02.2025
56	21501A0458	Kollabattina Sneha Latha	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
57	21501A0459	Konakala Satya Narayana Swami	Brain o Vision Solutions Pvt. Ltd.	Web Development	02.01.2025 to 22.02.2025
58	21501A0460	Koneru Manoj Krishna	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025

59	21501A0461	Korsa Bhagya Sri	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
60	21501A0462	Kotturu Bhavani	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
61	21501A0463	Kovelamudi Charan Teja	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
62	21501A0464	Kovuri Sai	AEDAA equipments Pvt. Ltd	Digital Design	02.01.2025 to 22.02.2025
63	21501A0465	Kumbha Eswara Rao	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
64	21501A0466	Kunapareddy Hemanth	Brain o Vision Solutions Pvt. Ltd.	Web Development	02.01.2025 to 22.02.2025
65	21501A0467	Kundeti Jaya Ram	Brain o Vision Solutions Pvt. Ltd.	Python Full Stack	02.01.2025 to 22.02.2025
66	21501A0468	Lukka Tirumala Sai	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
67	21501A0469	Madakam Bharath Narasimha Rao	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
68	21501A0470	Maddasani Maheswari	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
69	21501A0471	Madivada Bhavana	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
70	21501A0473	Magati Naga Mani Kanta	Brain o Vision Solutions Pvt. Ltd.	Python Full Stack	02.01.2025 to 22.02.2025
71	21501A0474	Mandala Jahnvi	Sense Semiconductor and IT Solutions	Digital Design	13.08.2024 to 22.02.2025
72	21501A0475	Marri Baji Babu	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
73	21501A0476	Mediboyeena Saritha	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
74	21501A0477	Mediboyina Praveen Kumar	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025

75	21501A0478	Mendala Roshini	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
76	21501A0479	Mendu Kula Shekar	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
77	21501A0480	Merugu Levanth Kumar	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
78	21501A0481	Mikkili Sathwik	Brain o Vision Solutions Pvt. Ltd.	Python Full Stack	02.01.2025 to 22.02.2025
79	21501A0482	Mohammad Ameen Shoaib	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
80	21501A0483	Mohammad Sohail	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
81	21501A0484	Morla Manasa	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
82	21501A0485	Muvvala Haritha	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
83	21501A0486	Nakka Sravya	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
84	21501A0487	Nammi Chaitanya	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
85	21501A0488	Nangireddy Bhovaneswari	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
86	21501A0489	Neelapu Jagadeesh	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
87	21501A0490	Nimmagadda Pallavi	Omniwyse Technologies Pvt. Ltd	Software Product Development Team	04.11.2024 to 22.02.2025
88	21501A0491	Odugu Gayathri	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
89	21501A0492	Pabbisetty Renuka Lakshmi Tanuja	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
90	21501A0493	Palle Srinivasa Reddy	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025

91	21501A0495	Pasupuleti Lokeswari Bhavani	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
92	21501A0496	Peyyala Akash Babu	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
93	21501A0497	Pilla Chandu	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
94	21501A0498	Poluru Saul Reynodar	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
95	21501A0499	Ponnuru Durga Anupama	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
96	21501A04A0	Pulavarthi Veena Naga Sri Surya Priya	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
97	21501A04A1	Putla Sanjana	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
98	21501A04A2	Putta Vivek Raj Manoj	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
99	21501A04A3	Rajulapati Puneetha	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
100	21501A04A4	Rallapudi Gopi Chand	Brain o Vision Solutions Pvt. Ltd.	Python Full Stack	02.01.2025 to 22.02.2025
101	21501A04A5	Ravva Himaja Mythri	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
102	21501A04A6	Salapati Akhila	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
103	21501A04A7	Sayed Shabeena Begum	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
104	21501A04A8	Shaik Arifa	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
105	21501A04A9	Shaik Chinthapalli Fareed Baba	Omniwyse Technologies Pvt. Ltd	Software Product Development Team	04.11.2024 to 22.02.2025

106	21501A04B0	Shaik Saleem	Omniwyse Technologies Pvt. Ltd	Software Product Development Team	04.11.2024 to 22.02.2025
107	21501A04B1	Shaik Shanvaz Basha	Omniwyse Technologies Pvt. Ltd	Software Product Development Team	04.11.2024 to 22.02.2025
108	21501A04B2	Shaik Sultan Basha	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
109	21501A04B3	Tadapaneni Maruthi Bharath	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
110	21501A04B4	Talluri Divya Naga Durga	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
111	21501A04B5	Tata Naga Sai Karthik Babu	Brain o Vision Solutions Pvt. Ltd.	Data Science using Python, ML & AI	02.01.2025 to 22.02.2025
112	21501A04B6	Teegala Venkata Appala Siva Parvathi	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
113	21501A04B7	Thiriveedhi Evangilin	Omniwyse Technologies Pvt. Ltd	Software Product Development Team	04.11.2024 to 22.02.2025
114	21501A04B8	Thota Veera Venkata Durga Prasad	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
115	21501A04B9	Tirumalasetti Pranith	Omniwyse Technologies Pvt. Ltd	Software Product Development Team	04.11.2024 to 22.02.2025
116	21501A04C0	Tupakula Anusha	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
117	21501A04C1	Turlapati Mani Chandra Avinash	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025

118	21501A04C2	Ustulumuri Chandra Sekhar Reddy	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
119	21501A04C3	Varagani Hari Mani Kumar	Brain o Vision Solutions Pvt. Ltd.	Web Development	02.01.2025 to 22.02.2025
120	21501A04C4	Velisela Sanjay Kumar	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
121	21501A04C5	Vemula Sowjanya	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
122	21501A04C6	Vulli Aakanksha	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
123	21501A04C7	Yannamu Sanjana Deepthi	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
124	21501A04C8	Yarra Usha Kiran	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
125	21501A04C9	Yasin Ahmad	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
126	21501A04D0	Yekula Chamundeswari	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
127	22505A0401	Dagani Sushma	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
128	22505A0402	Guttula Jnana Teja	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
129	22505A0403	Koduru Pavan Aditya	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
130	22505A0405	Matta Harshitha	Skilldizire Technologies Private Limited	Embedded Systems	22.12.2024 to 22.02.2025
131	22505A0406	Ogirala Bindu Madhavi	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
132	22505A0407	Parasa Thapaswi	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
133	22505A0408	Pilli Mahadev	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
134	22505A0409	Sivarathri Narayana Swami	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
135	22505A0410	Tatiparthi Sowjanya	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025

136	22505A0411	Vasamsetti Venkat Vardhan Babu	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025
137	22505A0412	Yalakala Jasmine	Brain o Vision Solutions Pvt. Ltd.	Amazon Web Services	02.01.2025 to 22.02.2025
138	22505A0413	Yallanki Ashok	Brain o Vision Solutions Pvt. Ltd.	Java Full Stack	02.01.2025 to 22.02.2025



c) Student Publications/ presentation by students:

- 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.

d) 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.



iii. The following are the details of students participated in different Events:

S.No	Reg. No.	Name of the Student	Year of Study	Name of The Institute	Paper/Poster/Project Contest Held on /At)	Title of The Paper/Poster/Project	Prize Won
1.	23501A04C7	V.Prasad	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
2.	23501A04A9	S.Sujith	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
3.	23501A0471	M.Balaram Pradeep	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
4.	23501A0478	N.Saketh Raj	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
5.	24505A0410	M.Navdeep	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
6.	23501A0499	R.Krishna	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
7.	23501A0496	P.V.S.Sri Harsha	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
8.	23501A04B0	S.Karthi	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
9.	23501A0459	K.Bhuvan Sai	II	Usha Rama College of Engineering and Technology	24.1.2025	Technical Quiz	Participation
10.	23501A0464	L.Reventh	II	Usha Rama College of Engineering and Technology	24.1.2025	Technical Quiz	Participation

11.	23501A0407	Akhil Ande	II	Usha Rama College of Engineering and Technology	24.1.2025	Technical Quiz	Participation
12.	23501A0434	G.Datta Sai	II	Usha Rama College of Engineering and Technology	24.1.2025	Technical Quiz	Participation
13.	23501A0407	Akhil Ande	II	Usha Rama College of Engineering and Technology	24.1.2025	Mystery Busters	Participation
14.	23501A0440	G.Bhanu Teja	II	Usha Rama College of Engineering and Technology	24.1.2025	Mystery Busters	Participation
15.	23501A0434	G.Datta Sai	II	Usha Rama College of Engineering and Technology	24.1.2025	Mystery Busters	Participation
16.	23501A0419	B.Gowtham	II	Usha Rama College of Engineering and Technology	24.1.2025	Mystery Busters	Participation
17.	23501A0421	N.Brahmesh	II	Usha Rama College of Engineering and Technology	24.1.2025	Mystery Busters	Participation
18.	23501A0409	A.Devesh	II	Usha Rama College of Engineering and Technology	24.1.2025	Mystery Busters	Participation
19.	23501A04A7	Sk.Abdul Asif	II	Usha Rama College of Engineering and Technology	24.1.2025	Buzz Plosion	Participation
20.	24505A0401	Ch.Karthik	II	Usha Rama College of Engineering and Technology	24.1.2025	Poster presentation	Participation
21.	23501A0409	A.Devesh	II	Lakireddy Balireddy College of Engineering	25.1.2025	Ojas-The Blind Code Combat	Participation
22.	23501A0407	A.Akhil	II	Lakireddy Balireddy College of Engineering	25.1.2025	Ojas-The Blind Code Combat	Participation

23.	23501A0419	B.Gowtham Sai	II	Lakireddy Balireddy College of Engineering	25.1.2025	Ojas-The Blind Code Combat	Participation
24.	23501A0464	L.Reventh	II	Lakireddy Balireddy College of Engineering	25.1.2025	Ojas-The Blind Code Combat	Participation
25.	23501A0440	G.Bhanu Teja	II	Lakireddy Balireddy College of Engineering	25.1.2025	Ojas-The Blind Code Combat	Participation
26.	23501A0407	Akhil Ande	II	Lakireddy Balireddy College of Engineering	25.1.2025	Ojas-The Blind Code Combat	I
27.	23501A0434	G .Datta Sai	II	Lakireddy Balireddy College of Engineering	25.1.2025	Ojas-The Blind Code Combat	Participation
28.	23501A0459	K.Bhuvan	II	Lakireddy Balireddy College of Engineering	25.1.2025	Short film	Consolation
29.	23501A0409	Devesh Sai Karthik.A	II	Lakireddy Balireddy College of Engineering	25.1.2025	Short film	Consolation
30.	23501A0468	M.Pravimal	II	Dhanekula Institute of Engineering And Technology	06.03.2025	Tech Frenzy	Participation
31.	23501A0468	M.Pravimal	II	Dhanekula Institute of Engineering And Technology	07.03.2025	Mind Spark	Participation
32.	23501A0413	B.Thimma Raju	II	Dhanekula Institute of Engineering And Technology	07.03.2025	Mind Spark	Participation
33.	23501A0479	N.Sai Durga Bhavani	II	Dhanekula Institute of Engineering And Technology	06.03.2025	Ai Video Generation	Participation
34.	23501A0487	P.Nandhini	II	Dhanekula Institute of Engineering And Technology	06.03.2025	Ai Video Generation	Participation

35.	23501A04B7	T.Naga Dhatri	II	Dhanekula Institute of Engineering And Technology	06.03.2025	Ai Video Generation	Participation
36.	23501A0483	N.Sravanthi	II	Dhanekula Institute of Engineering And Technology	06.03.2025	Ai Video Generation	Participation
37.	23501A04C7	V.Ramana Prasad	II	Dhanekula Institute of Engineering And Technology	06.03.2025	Tech Frenzy	Participation
38.	23501A04C7	V.Ramana Prasad	II	Dhanekula Institute of Engineering And Technology	07.03.2025	Mind Spark	Participation
39.	23501A04A7	Shaik Abdul Asif	II	Dhanekula Institute of Engineering And Technology	06.03.2025	Tech Frenzy	Participation
40.	23501A04A7	Shaik Abdul Asif	II	Dhanekula Institute of Engineering And Technology	07.03.2025	Mind Spark	Participation
41.	23501A04A8	Sk.Abdul Samad	II	Dhanekula Institute of Engineering And Technology	06.03.2025	Tech Frenzy	Participation
42.	23501A04A8	Sk.Abdul Samad	II	Dhanekula Institute of Engineering And Technology	07.03.2025	Mind Spark	Participation
43.	23501A0401	Abdul Raheema	II	R.K College of Engineering	06.02.2025	Poster Presentation	I
44.	23501A0409	A.Devesh Sai Karthik	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
45.	23501A0419	A.Gowtham Sai	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
46.	23501A0428	D.Bhagyavathi	II	R.K College of Engineering	06.02.2025	Poster Presentation	I

47.	23501A0431	D.Teja Sree	II	R.K College of Engineering	06.02.2025	Poster Presentation	I
48.	23501A0440	G.Bhanu Teja	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
49.	23501A0464	L.Revanth	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
50.	23501A0468	M.Pravimal Hridhan	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
51.	23501A0471	M.Balaram Pradeep	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
52.	23501A0476	M.Urmila	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
53.	23501A0478	N.Saketh Raj	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
54.	23501A0480	N.Jayasimha Reddy	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
55.	23501A0482	Nekkalapudi Teresa	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
56.	23501A0485	P.Namratha	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
57.	23501A0489	P.Bhanu Sree Koushik	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
58.	23501A0492	P.Pavan Kumar	II	R.K College of Engineering	06.02.2025	Paper Presentation	Participation

59.	23501A0496	P. Sree Harsha	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
60.	23501A04A1	R.Bhavani Shankar	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
61.	23501A04A2	M.Veda	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
62.	23501A04A4	S.Venkata Bhikshalu	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
63.	23501A04A7	Sk.Abdul Asif	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
64.	23501A04B1	Sumaiah	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
65.	23501A04B5	T.Rithvika	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
66.	23501A04B6	T.Lakshmi Sameera	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
67.	23501A04C0	V.Bindu Sree	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
68.	23501A04C2	V.Satish	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
69.	23501A04C6	V.Iswarya	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
70.	23501A04C9	Bhanu Venkata Naga Sai	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation

71.	24505A0407	Khamare Mobeen	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
72.	24505A0410	N.Navdeep	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
73.	24505A0411	P.Sri Lakshmi	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
74.	24505A0412	V.Naga Vanaja Sree	II	R.K College of Engineering	06.02.2025	Technical Quiz	Participation
75.	23501A0407	A.Akhil	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Code Mania	Participation
76.	23501A0409	A.Devesh Sai Karthik	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Code Mania	Participation
77.	23501A0419	B.Gowtham Sai	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Code Mania	Participation
78.	23501A0440	G.Bhanu Teja	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Insta Reels	Participation
79.	23501A0440	G.Bhanu Teja	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Project Expo	Participation
80.	23501A0440	G.Bhanu Teja	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Tech Print	Participation
81.	23501A0440	G.Bhanu Teja	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Code Mania	Participation
82.	23501A0440	G.Bhanu Teja	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Tech Anveshana	Participation

83.	23501A0463	K.Chaitanya Sai	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Technical Quiz	Participation
84.	23501A0476	M.Urmila	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Technical Quiz	Participation
85.	23501A0482	N.Teresa	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Technical Quiz	Participation
86.	23501A04A2	M.Veda	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Black Box	Participation
87.	23501A04C0	V.Bindu Sree	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Code Mania	Participation
88.	23501A04C4	V.Niharika	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Black Box	Participation
89.	23501A04C6	V.Iswarya	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Black Box	Participation
90.	23501A04B5	T.Rithvika	II	P.S.C.M.R College of Engineering and Technology	01.02.2025	Code Mania	I
91.	23501A0409	A.Devesh Sai Karthik	II	NRI Institute of Technology	21.02.2025	Technical Quiz	Participation
92.	23501A0459	K.Bhuvan Sanjeeth	II	NRI Institute of Technology	21.02.2025	Technical Quiz	Participation
93.	23501A0464	L.Revanth	II	NRI Institute of Technology	21.02.2025	Technical Quiz	Participation
94.	22501A04A6	Puli Varshitha	III	Indian Institute of Technology	15.03.2025	Workshop on Data Science	Participation

95.	22501A04C0	Talari Yasaswini	III	Indian Institute of Technology	15.03.2025	Workshop on Data Science	Participation
96.	23501A0403	A.Papa	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
97.	23501A0405	A.Jayasri	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
98.	23501A0407	A.Akhil	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
99.	23501A0408	A.Likith	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
100.	23501A0409	A.Devesh	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
101.	23501A0410	A.Ramya	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
102.	23501A0411	B.Tarun	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
103.	23501A0412	B.Harika	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
104.	23501A0415	B.Siva Sai Krishna	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
105.	23501A0418	B.Abhiram	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
106.	23501A0419	B.Gowtham Sai	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation

107.	23501A0421	N Brahmesh	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
108.	23501A0423	Ch.Pranathi	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
109.	23501A0425	Ch.Harsha	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
110.	23501A0429	D.M.C Siddartha	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
111.	23501A0433	G.Karthik Sai	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
112.	23501A0434	G.Datta Sai	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
113.	23501A0435	G.Ramu	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
114.	23501A0436	G.Abhiram	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
115.	23501A0438	G.Neeraja	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
116.	23501A0440	G.Bhanu Teja	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
117.	23501A0445	G.Himana	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
118.	23501A0446	J.Pallavi	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation

119.	23501A0447	J.Naga Venkata Sai	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
120.	23501A0449	K.Veda Sri	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
121.	23501A0450	K.Meghana	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
122.	23501A0454	K.Vyshnavi	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
123.	23501A0455	K.Bhavya	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
124.	23501A0456	K.Lasya	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
125.	23501A0457	K.Vamsi Krishna	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
126.	23501A0459	K.Bhuvan Sanjeeth	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
127.	23501A0460	K.Rishitha Joy	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
128.	23501A0462	K.Kavya Manjusha	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
129.	23501A0463	K.Chaitanya Sai	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation
130.	23501A0464	L.Revanth	II	VR Siddhartha Engineering College	3.01.2025	Aurora	Participation

131.	23501A0482	N.Teresa	II	VR Siddhartha Engineering College	21.02.2025	Circuit Surge	I
132.	23501A04B5	T.Rithvika	II	VR Siddhartha Engineering College	21.02.2025	Circuit Surge	I
133.	23501A04C0	V.Bindu Sree	II	VR Siddhartha Engineering College	21.02.2025	Circuit Surge	I



7. Higher Education

- i. Mr. D. Vasu of IV B.Tech got through IELTS with a score of 6 on 16th April, 2025.
- ii. Mr. D. Vasu of IV B.Tech got through GRE on 24th April, 2025.

8. MOUs Signed

- i. The department of ECE signed a Memorandum of Understanding with
 - a. **M/s BSNL**, Vijayawada Telecom District from 7.05.2025 to 06.05.2028.
 - b. **APGENCO** Training Institute, Dr. NTTPS from 09.05.2025 to 08.05.2030.
 - c. **Entuple Technologies Pvt. Ltd.**, from 01.04.2025 to 30.03.2027.

9. Students Contribution

Learning beyond the Classroom: Students at Industry

Internship Overview: Programmable Gaussian Noise Generator for Electronic Warfare Applications.

As part of our Bachelor of Engineering program in Electronics and Communication Engineering at Prasad V. Potluri Siddhartha Institute of Technology, we had the opportunity to pursue a prestigious internship at the Combat Aircraft Systems Development & Integration Centre (CASDIC), DRDO, Bengaluru.

Our project, *“Programmable Gaussian Noise Generator for Electronic Warfare Applications”*, addressed a critical challenge in radar and defense systems — simulating realistic noise environments to test radar resilience against jamming. Gaussian noise, known for its similarity to natural thermal noise, is highly effective in electronic warfare due to its ability to mask target signals.

The internship focused on designing a **fully digital, FPGA-based Gaussian noise generator**. Using MATLAB, we generated Gaussian-distributed samples and FIR filter coefficients, which were integrated into Verilog modules on the Xilinx Virtex-7 FPGA platform. Key components included:

- **Direct Digital Synthesizer (DDS):** for generating stable sine wave carriers.
- **ROM-based Gaussian Noise:** pre-stored samples in Q15 format.
- **FIR Filtering:** to band-limit and smooth the noise.
- **Modulation:** combining filtered noise with DDS output to produce realistic jamming signals.

Through simulation and hardware-level implementation in Vivado, we validated the statistical and spectral properties of the generated noise. The modular design ensured flexibility, allowing programmable control over amplitude, frequency, and bandwidth.

This hands-on experience exposed us to cutting-edge research in **radar countermeasures and electronic warfare systems**, strengthened our technical expertise in FPGA design, digital signal processing, and Verilog coding, and offered a glimpse into the strategic work carried out at DRDO.

We express our sincere gratitude to **Shri. Girish M.Sc. 'E' (CASDIC, DRDO)** for his mentorship, and to our faculty and institution for enabling this invaluable learning opportunity.

This internship not only enhanced our engineering skills but also deepened our understanding of how advanced electronic systems safeguard national defense capabilities.

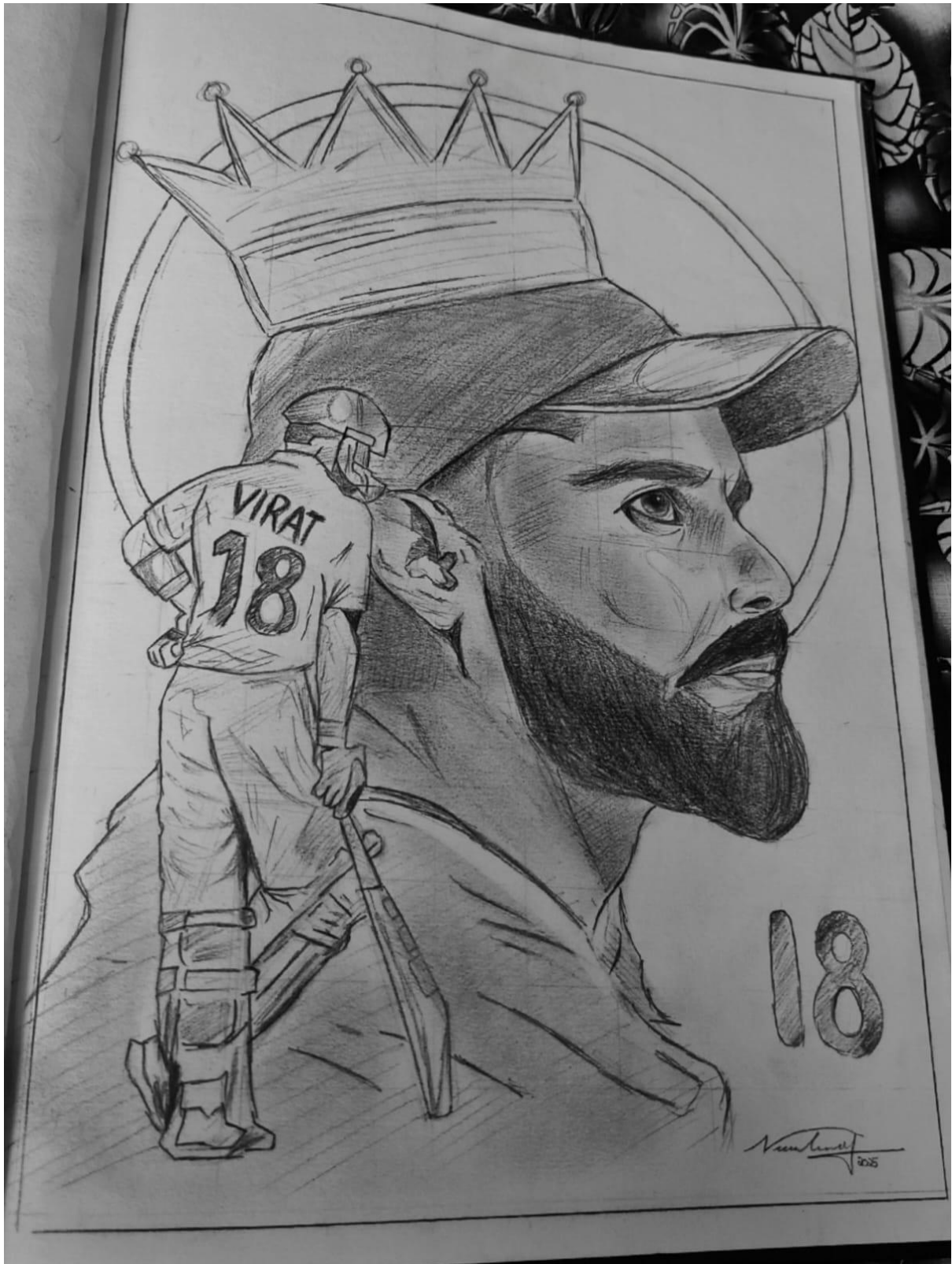
— K. Gunadeep, K. V. N. S. G. Sasank, and K. Sai Sankar

Photography and Sketches by Technical Minds:



M.Raghava Datta Navdeep

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M.Raghava Datta Navdeep

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M.Raghava Datta Navdeep

24505A0410



M.Raghava Datta Navdeep

24505A0410



S.Harini
23501A04A3



S.Harini
23501A04A3



“Lost in clam where sky touches the water”

**S.Harini
23501A04A3**



“The place where divine meets nature's beauty”

**S.Harini
23501A04A3**



“A Serene Blend of Coconut Groves, Clear Skies, and Calm Waters”

S.Harini
23501A04A3

