



Autonomous

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ELECTRONICS AND COMMUNICATION ENGINEERING

# ELECTRONICATION



Industry Integrated Curriculum

## • Institute Vision

To promote societal empowerment and become an institution of excellence in the field of engineering education, research.

## • Institute Mission

- To develop the students into outstanding professionals through innovative Teaching-Learning process.
- To uphold research through long term Academia-Industry interaction.
- To inculcate ethical standards and moral values.

## ● Vision of the Department

To become recognized forerunner in Electronics and Communication Engineering by producing competent and responsible graduates.

## ● Mission of the Department

- To prepare technically competent graduates by establishing a conducive learner centric academic environment that uses innovative teaching learning processes
- To create research interests in the graduates by bringing in real time engineering challenges through industry collaborations
- To make the graduates socially responsible citizens who provide sustainable solutions maintaining ethical and professional standards

**"It's fine to celebrate success, but it is more important to heed the lessons of failure.**

— Bill Gates

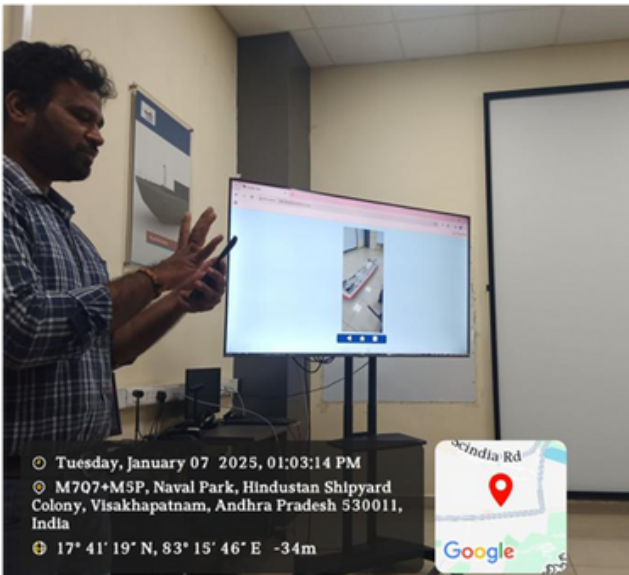
*Read More on our website*



www.nsr.it.edu.in

industrial visit

An industrial visit to the Centre of Excellence in Maritime and Shipbuilding (CEMS) is being organized for 3rd-year engineering students to provide practical exposure to the maritime and shipbuilding industry



**మాతృభాషా దినోత్సవ కార్యక్రమము**

మాతృభాష అంటే మమకారం మరచిపోని జ్ఞాపకాలకు ఆధారం  
మాతృభాషను గౌరవిద్దాం మన సంస్కృతిని పాటిద్దాం

The Department of Electronics and Communication Engineering (ECE) celebrated Telugu Maatru Bhasha Dinotsavam (Telugu Mother Language Day) on February 21, 2025, to honor and promote the rich heritage and cultural significance of the Telugu language. The event aimed to raise awareness among students about the importance of preserving their mother tongue and appreciating its literary and historical value. Various cultural activities, speeches, and discussions were conducted, emphasizing the role of the Telugu language in shaping identity and tradition. The celebration fostered a sense of pride and responsibility among students to uphold and cherish their linguistic roots.



## Commemorative Events

### Republic Day

The Republic Day celebrations at NSRIT were held with great enthusiasm and patriotic fervor. As part of the ceremony, the national flag was proudly hoisted by Praveen, a student from the Department of Electronics and Communication Engineering (ECE), who is the academic topper across all branches. His achievement was recognized as a symbol of academic excellence and dedication, making the occasion even more inspiring for fellow students. The event featured patriotic songs, speeches, and a tribute to the nation's rich heritage, fostering a sense of unity and pride among all attendees.



**Awareness Programs**

NSRIT conducts awareness programs on important social issues such as anti-drug abuse and road safety to educate and empower its students. These programs include interactive sessions with health professionals and traffic police officers who share real-life experiences and guidance on staying drug-free and following road safety rules. Through these initiatives, NSRIT aims to instill a sense of responsibility, safety awareness, and healthy living habits among students.



**జ్యోతి**  
www.jyothidaily.com  
18 Feb 2025  
JYOTHI UTTARANDRA

**మత్తు పదార్థాల, మాదకద్రవ్యాల తో జీవితం నాశనం**  
సీబి వాసు నాయుడు

ఆనందపురం జ్యోతి స్కూల్స్  
మత్తు పదార్థాలను సేవించడం వలన జీవితాలు నాశనం అవుతాయని ఆనందపురం సిబి చింత వాసు నాయుడు పేర్కొన్నారు. మండలంలోని సొంటింట్ల నడింపల్లి సత్యనారాయణ రాజు ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ లో ఎన్ ఎస్ ఎస్ యూనిట్ ఆధ్వర్యంలో సోమవారం మత్తు పదార్థాల, మాదకద్రవ్యాల నిర్మూలన మరియు యువత తెలుసుకోవలసిన జాగ్రత్తగా ఉండవలసిన అంశాలపై అవగాహన కార్యక్రమంలో నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా విచ్చేసిన ఆనందపురం సర్కిల్ ఇన్స్పెక్టర్, వాసు నాయుడు మాట్లాడుతూ మత్తుపదార్థాలకు యువత ఎక్కువగా బానిసలు అయ్యే ప్రమాదం ఉందని, తగు జాగ్రత్తలు తీసుకోవాలన్నారు. మత్తు పదార్థాలు సేవించే వారికి గరిష్టం గా శిక్షలు పడే అవకాశం ఉందని అందువల్ల యువత భవిష్యత్తు ప్రణాళికలు లక్ష్యాల

పై ఆలోచించాలని ఉదాహరణల ద్వారా వివరించారు. ఈ సందర్భం గా ప్రిన్సిపల్ డా. ఎస్. శంభు ప్రసాద్, డా. పి.ఎస్.రాజు, బీఫ్ మేనేజింగ్ ఆఫీసర్, పి ఓ హరగోపాల్, ఇతర అధ్యాపక, అధ్యపకేతర సిబ్బంది, వాలంటీర్లు పాల్గొని ముఖ్య అతిథులను సత్కరించారు.

**విశాలాంధ్ర**

**ON**

**రహదారి భద్రతా ప్రమాణాలు పాటించాలి : సిబి వాసు**

విశాలాంధ్ర-ఆనందపురం: నడింపల్లి సత్యనారాయణ రాజు ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ లో ఎన్ఎస్ఎస్ యూనిట్ ఆధ్వర్యంలో సోమవారం రహదారి భద్రత అవగాహన కార్యక్రమం నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా ఆనందపురం రీజియన్ ట్రాఫిక్ డివిజన్ సర్కిల్ ఇన్స్పెక్టర్, వాసు విచ్చేసి మాట్లాడుతూ రహదారి భద్రత ప్రమాణాలు పాటించాల్సిన బాధ్యత అందరికీ ఉందని ముఖ్యంగా రహదారి భద్రత నియమాలు పాటించాల్సిన అవశ్యకత యువతపై ఉందని, ముఖ్యంగా ద్విచక్ర వాహనాలపై ప్రయాణించేటప్పుడు హెల్మెట్ ప్రతి ఒక్కరు ధరించాలని, అలాగే ప్రతి ఒక్కరూ భద్రత ప్రమాణాలకు కట్టుబడి ఉండాలని తెలిపారు. యువత మాదక ద్రవ్యాలకు దూరంగా ఉండాలని విజ్ఞప్తి చేశారు. ఈ కార్యక్రమంలో ఆనందపురం సిబి వాసునాయుడు, ట్రాఫిక్ ఎన్ఎస్ఎస్ పాపారావు ప్రిన్సిపాల్ డా. ఎస్. శంభుప్రసాద్, బీఫ్ మేనేజింగ్ ఆఫీసర్ డా. పి.ఎస్.రాజు, ఎన్ఎస్ఎస్-ఎన్పి ఓ హరగోపాల్, ఇతర అధ్యాపక, అధ్యపకేతర సిబ్బంది, వాలంటీర్లు పాల్గొన్నారు.

Faculty Capacity Building

**Workshop on latest Technologies & Advancements in ECE**

NSRIT organized a one-day workshop on "Latest Technologies and Advancements in ECE, EEE, ME, and Civil" on 13th February 2025 at the ECE Seminar Hall, Block-I. The event aimed to educate students about emerging technologies in engineering that significantly enhance efficiency, reduce operational costs, and introduce innovative ways of working. The workshop was conducted in collaboration with the Central Tool Room & Training Centre (CTTC), Bhubaneswar, and commenced at 9:00 AM. It provided an excellent platform for students to gain insights into the latest developments in their respective fields and understand the importance of adapting to technological changes in the engineering sector.



**అధునాతన సాంకేతికతపై వర్క్ షాప్**

**ప్రజాశక్తి - ఆనందపురం :** మండలంలోని శొంఠ్యాల నడింపల్లి సత్యనారాయణ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీలో అత్యాధునిక సాంకేతికతలపై శిక్షణనిచ్చారు. భువనేశ్వర్ లోని సెంట్రల్ టూల్ రూమ్ అండ్ ట్రైనింగ్ సెంటర్ (సిటిటిసి) సహకారంతో ఇంజ, ఇఇఇ, మెకానికల్ , సివిల్ ఇంజనీరింగ్ విభాగాల విద్యార్థులకు వారి కెరీర్ అభివృద్ధికి అవసరమైన అత్యున్నతమైన సాంకేతిక పరిజ్ఞానంపై అవగాహన కల్పించారు. సిటిటిసి నిపుణులు ఇండస్ట్రీ 4.0, ఆటోమేషన్, లాట్, రాపిడ్ మాన్యు ఫాక్చరింగ్, 3డి ప్రింటింగ్ వంటి అంశాలపై విద్యార్థులకు అవగాహన కల్పించారు. ఎన్ఎస్ఆర్ఐటి చీఫ్ మేనేజ్మెంట్ ఆఫీసర్ డాక్టర్ పి.ఎస్.రాజు, ప్రిన్సిపాల్ డాక్టర్ ఎస్. శంభూప్రసాద్, ఐఐఇ లీడ్ డాక్టర్. పి.ఎన్.ఇ. నవీన్, కోలీడ్ పి.కావ్య



భీమిలి పెన్ షాల్ 2025 ఫిబ్రవరి 13 నాడింపల్లి సత్యనారాయణ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ ఆధ్వర్యంలో, భువనేశ్వర్లోని సెంట్రల్ టూల్ రూమ్ & ట్రైనింగ్ సెంటర్ సహకారంతో ఈసీఈ, ఈఈఈ, మెకానికల్ మరియు సివిల్ ఇంజనీరింగ్ విభాగాల విద్యార్థుల కోసం అత్యాధునిక సాంకేతికతలపై ఒకరోజు వర్క్ షాప్ నిర్వహించబడింది.

తయారీ సాంకేతికతలు అయిన రాపిడ్ మాన్యుఫాక్చరింగ్, 3డి ప్రింటింగ్ వంటి అంశాలపై విపులంగా వివరణ ఇచ్చి, విద్యార్థుల సందేహాలను నివృత్తి చేశారు. ఈ సందర్భంగా ఎన్ఎస్ఐటి మేనేజ్మెంట్ తరపున చీఫ్ మేనేజ్మెంట్ ఆఫీసర్ డా. పి.ఎస్. రాజు, ప్రిన్సిపాల్ డా. ఎస్. శంభూ ప్రసాద్, ఐఐఇ లీడ్ డా. పి.ఎన్.ఇ. నవీన్, కోలీడ్



## Student Level Achievements/Recognitions

- G. Pavan Sai, P. Manoj, and Gowtham secured 2nd prize in the Project Expo at Yaantrika 2025, held at Gayathri Vidya Parishad College of Engineering (Autonomous), Madurawada, on 4th January 2025.



- Mr. Ch. Ajay Kumar and his team secured 2nd prize along with a cash award of ₹5,000 at Synergy 2025, a two-day national-level technical meet held at Avanthi Institute of Engineering & Technology (Autonomous), Makavarapalem, on 31st January & 1st February 2025.



- Mr CH. Y. Sudhir Varma and Mr. S.Tarun secured 1st prize in the Poster Presentation at TECHKRITI 2K25, a five-day techno-cultural fest held at Baba Institute of Technology & Sciences, Visakhapatnam from 17th to 19th February 2025.



- .Mr. T. Charan secured 1st prize in the Speed typing atTECHKRITI 2K25, a five-day techno-cultural fest held at Baba Institute of Technology &Sciences, Visakhapatnam from 17th to 19th February 2025.

- A. Jyoshna participated in the Google DevFest 2024 held at GITAM University on 7th and 8th December 2024. The event provided a valuable opportunity to engage with developers and tech enthusiasts, enhancing knowledge and exposure to current trends in technology and innovation.

## Student Level Achievements/Recognitions

- Sripada Sridatta participated in A IDEA THON 2025 held at Aditya University, Kakinada, on 30th and 31st January 2025. The event encouraged innovation and creative thinking among participants. Alongside Sridatta, Pedibera Chinna Raja, Putta A.Y.Narasimha Chari, and Siriki Manoj Kumar were also part of the team and contributed actively during the event, showcasing their ideas and collaborative efforts.
- CH. Yaswanth Sudhir Varma, B. Hemanth Kumar, J. Hari, A. Murali Kumar, Y. Harsha Vardhan, CH. Vardhan, CH. Ajay Kumar, and M. Sai Satish participated in a two-day national level technical meet Synergy 2025, organized by Avanthi Institute of Engineering & Technology (Autonomous), Makavarapalem, held on 31st January and 1st February 2025. The event provided a platform for students to engage in various technical activities and enhance their knowledge and skills.
- A. Chandu, K. Bhanu Prakash, D. Sai Shanmukh Ram, G. Pavan Sai, Ganesh Lenka, MD. Adnan Danish, K. Radha Krishna, K. Vasudeva Rao, P. Chinna Raja, and Putta S. Y. Narasimha Chari participated in the Industry-Driven National Level AI Autonomous Hackathon 2025, held at Siddhartha Academy of Higher Education on 6th and 7th February 2025. The event provided a valuable platform for students to demonstrate their AI-based innovations, collaborate on real-world challenges, and enhance their technical problem-solving skills.
- T. Gowthami, B.V.G.L. Devi, P. Mounika, P. Chinna Raja, P.A.Y. Narasimha Chari, and S.S. Datta actively participated in Hack 2 Impact 2025, organized by GVP College of Engineering (Autonomous) on 14th and 15th February 2025. This hackathon offered an excellent opportunity for students to explore innovative problem-solving techniques, showcase their technical talents, and collaborate on impactful projects aimed at real-world applications
- A group of 20 students actively participated in the Workshop on “FUSED DEPOSITION MODELING” organized by Baba Institute of Technology & Sciences in 2025. The workshop took place on 17th and 19th February 2025 and focused on 3D printing technologies, specifically the fused deposition modeling (FDM) process.
- S. Lakshmi Lavanya, along with V. Vijaya Lakshmi and N. Priyanka, participated in the National Level Technical Symposium - ECENTRA 2K25 held at JNTU-GV on the 19th and 20th of February 2025. This symposium provided a platform for students to engage in technical discussions, present innovative ideas, and enhance their knowledge in the field of engineering and technology
- B. Ruthvik, A. Pavan Kumar, P. Chaitanya, and I. M. S. Syam Sundar participated in SPEPCONE 2025, a technical event organized by GMR Institute of Technology. The event took place on the 27th and 28th of February 2025 and provided students an opportunity to engage in advanced discussions, technical sessions, and hands-on experiences related to current engineering trends.


## Faculty Level Achievements/Recognitions

- Dr. B. Ravi Chandra & Mrs. M. Padma Priyanka participated in the Faculty Development Program titled "Next Generation IoT - The Convergence of Designing Robust and Scalable Applications" held at Avanthi Institute of Engineering and Technology, Narsipatnam, Visakhapatnam. The program took place from 2nd to 7th December 2024, providing in-depth knowledge and practical insights into advanced IoT technologies and scalable application development.
- Dr. V. Swetha participated in the ATAL Academy Faculty Development Program (FDP) on "Recent Research Trends in VLSI Technology for 5G Antenna" held at Vignan Institute of Technology, Visakhapatnam. The FDP was conducted from 16th to 21st December 2024, focusing on the latest advancements and research directions in VLSI design relevant to 5G communication systems.
- Mr. S. Balarama Murthy, Mr. G. Durga Prasad & Mrs. M. V. S. RojaRamani participated in the ATAL Academy Faculty Development Program (FDP) on "Outlook on Best Practices and Strategies for Chip Design Implementation from Industry Perspective", organized at Gayatri Vidya Parishad College for Degree and PG Courses, Visakhapatnam. The FDP was held from 16th to 21st December 2024, and focused on industry-aligned methodologies and strategies for effective chip design and implementation.
- Mrs. M. V. S. RojaRamani participated in a Faculty Development Program (FDP) on "VLSI System Design using Open-Source Tools", conducted under the Scheme of Financial Assistance for Setting Up of Electronics & ICT Academies by the Ministry of Electronics and Information Technology, Government of India. The FDP was held from 10th to 21st February 2025, focusing on hands-on training and conceptual learning in VLSI system design utilizing open-source toolchains.
- Mrs. B. N. S. Rani participated in a program on "Next Generation Wireless Communication Systems: Trends, Technologies & Future Directions", organized by Lakireddy Bali Reddy College of Engineering, Hyderabad. The program was held from 10th to 14th February 2025 and focused on emerging advancements, cutting-edge technologies, and future directions in the field of wireless communication systems.
- Dr. P. Hema Kumar participated in a Faculty Development Program (FDP) on AI Tools, conducted at DVR & Dr. HS MIC College of Technology, Andhra Pradesh, from 17th to 21st February 2025.


### Faculty Level Achievements/Recognitions

Mr. S. V. Ramanaji Kalla successfully participated in the **AICTE-QIP-PG** Certificate Program in Cyber Security conducted by the **Indian Institute of Information Technology (IIIT)**, Dharwad, Karnataka. This comprehensive program spanned six months, from July to December, and focused on advanced topics and practical applications in the field of **cyber security**.





अखिल भारतीय तकनीकी शिक्षा परिषद्  
All India Council for Technical Education



INDIAN INSTITUTE OF  
INFORMATION  
TECHNOLOGY

### Grade Sheet: AICTE QIP PG Certificate Programme in Cyber Security

Name: S VENKATA RAMANAJI KALLA
AICTE ID: 1-43373984691

Sl.No.	Name of the Course	Credits (Ci)	Grade Points (GPi)	Grade
1	Domain Core: Cyber Security 1	4	10	A
2	Domain Specialization: Cyber Security 2	3	10	A
3	CS Core 1: Programming using Python	3	10	A-
4	CS Core 2: Data Science for Engineers	4	10	A
5	Project	4	10	A-

Total Credits : 18

Cumulative Grade Point Average(CGPA) : 9.62

Grading System:

Letter Grade	A	A-	B	B-	C	C-	D	F
Score	10	9	8	7	6	5	4	<4

*Ravish Hegde*  
Registrar  
IIIT Dharwad

Note: CGPA = Σ (GPi x Ci) / Total Credits

## Placements

**NSRIT**  
Autonomous

**INFOSYS**

2024-25  
PLACEMENT

**ECE**

JOIN NSRIT

B.SNEHA IV ECE

www.nsrit.edu.in

**NSRIT ECE**  
AUTONOMOUS

*Congratulations*

Huge congratulations to **28 students** for securing placement offers! A testament to their hard work and dedication, and a proud moment for all. Kudos to them!

Placements 2024 - 2025

Batch 2025

**SUTHERLAND**

www.nsrit.edu.in

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