

[www.nsr.it.edu.in](http://www.nsr.it.edu.in)

VOLUME 10, ISSUE 2  
AY.2023-24

# TECH BYTES

FEB-MAY 2025

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Every day is a new beginning. Take a deep breath, smile, and start again



## **VISION**

To become a center of excellence for technically competent and innovative computer professionals through a strong emphasis on teaching, research, industry engagement by the inculcating of ethical and moral values.

## **MISSION**

- To provide quality education leading to a career as computer professionals.
- To provide the state-of-art learning environment that fosters industry collaboration and societal empowerment.
- To nurture research, ethical and moral values through practical training as per industry requirements.

## **ABOUT DEPARTMENT**

The department of Computer Science and Engineering was formed in the year 2008. The department has started B. Tech programme with an initial intake of 60 in the year 2008 and 180 from 2010 onwards. Two new programs CSE (AI & ML) with an intake of 120 and CSE (DS) with an intake 60 are approved by AICTE in the year 2020.

The department has 22 qualified teaching staff with 6 Ph.Ds. , 16 M.Tech. The faculty members are involved in research activities and presented papers in national and international journals and conferences.

## College Students Triumph at StepCon: A Victorious Achievement!



"Our college is incredibly proud to congratulate our talented students for their outstanding performance at StepCon! Their hard work, dedication, and creativity have truly paid off, and they have brought great honor to our institution. This achievement is a testament to their perseverance, teamwork, and innovative thinking. We wholeheartedly appreciate their commitment to excellence and their remarkable success at this prestigious event. Their victory not only highlights their individual talents but also reflects the spirit of our college community. We look forward to even more achievements from these brilliant minds in the future. Well done, and keep shining!"

# The Cracked Pot

Once upon a time in a village in India, a water-bearer carried two pots tied to a pole across his shoulders. One pot was perfect, but the other had a crack. Every day, the water-bearer walked from the stream to his master's house, and by the time he arrived, the cracked pot had leaked half its water.

The perfect pot felt proud of its achievements. The cracked pot, however, felt ashamed and miserable for being flawed. One day, the cracked pot apologized to the water-bearer:

"I'm sorry I've been wasting your effort. Because of my flaw, you get less water."

The water-bearer smiled and said, "Did you notice the flowers along your side of the path? I planted seeds there because I knew about your crack. Every day, you watered them, and now I can decorate my master's house with them. You think you're broken, but you've created beauty in your own way."

## Moral:

Our flaws don't define us – how we use them does. Even imperfections can have purpose and meaning.



**P. Varshini**  
**23NU1A05H3**

# ART GALLERY



**S.Geethika**  
**23NU1A0553**

# Victory at RGUKT Hackathon 2025



**We are proud to announce that our brilliant students have emerged victorious in the 16-hour Hackathon conducted by Rajiv Gandhi University of Knowledge Technologies (RGUKT).**

**Facing intense competition and a time-bound challenge, our team showcased exceptional coding skills, creativity, and teamwork. Their innovative solution impressed the judges and stood out among dozens of participating teams from across the state. This victory is a testament to the talent and determination of our students, as well as the strong academic and technical foundation provided by our institution.**

# TECHNIMBLE 2025 – A Grand National-Level Tech Fest

**NSRIT**  
AUTONOMOUS

NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY  
SONTYAM, PENDHURTHI-ANANDAPURAM HIGHWAY, VISAKHAPATNAM - 531173

MAR 01<sup>st</sup>

**TECHNIMBLE** 2025

MCA/CSE/CSD/CSM	ECE	MECH	EEE	CIVIL	MBA
POSTER PRESENTATION	POSTER PRESENTATION	POSTER PRESENTATION	POSTER PRESENTATION	POSTER PRESENTATION	PAPER PRESENTATION
PAPER PRESENTATION	PAPER PRESENTATION	PAPER PRESENTATION	PAPER PRESENTATION	BRIDGE BUST	B-QUIZ
PROJECT EXPO	PROJECT EXPO	MODELING & 3D PRINTING	PROJECT EXPO	PROJECT EXPO	AD-MAD
IDEATHON	TECHNICAL QUIZ	TECHNICAL TREASURE HUNT			STARTUP IDEA
CODE VINYASA					WIN EXCITING PRIZES!

**REGISTRATION FEE**  
₹100/-  
PER HEAD  
& PER EVENT

FACULTY COORDINATES			STUDENT COORDINATES		
A.Suraj kumar	(CSE)	9866041929	CH.Hari Kiran	(CSE)	9491645242
K.Romanaji	(ECE)	9866418529	S.S.Datta	(ECE)	9515071232
M. Swathi	(EEE)	8500900559	S.Yogenahra	(EEE)	6301243178
K.Ram Prasad	(MECH)	7569323977	V.Madhav	(MECH)	9392022184
G.Chanikya	(CIVIL)	7997263378	K.Praveen Kumar	(CIVIL)	7032518818
T. Narayan Rao	(MBA)	8143911386	R.Monika	(MBA)	9440761843
DR.T.V.S. Sri Ram	(MCA)	9440240968	V.Rajesh	(MCA)	9110308571

Conveners: Dr.A.S.S.V. Ram Kumar, Dr.V. Sreerama Murthy

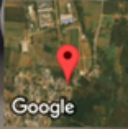
Coordinator: Sri. N. Viswanadha Reddy

Register Here

**TECHNIMBLE 2025, the national-level tech fest of NSRIT, brought together innovation, creativity, and technology under one roof – and it was nothing short of a massive success!**

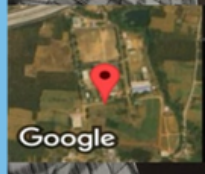
**Organized with the combined efforts of all departments, TECHNIMBLE saw 700+ participants from various colleges across the country. The event featured a dynamic blend of technical competitions, workshops, paper presentations, hackathons, and project expos, creating a vibrant atmosphere of learning, collaboration, and healthy competition.**

**The energy, enthusiasm, and talent displayed by the participants made TECHNIMBLE 2025 a memorable chapter in the history of NSRIT. It wasn't just an event – it was a celebration of youthful innovation and technical excellence.**



Sontyam, Andhra Pradesh, India  
V79w+285, Sontyam Village Rd, Sontyam, Visakhapatnam,  
Andhra Pradesh 531173, India  
Lat 17.86805° Long 83.296685°  
01/03/25 11:56 AM GMT +05:30

GPS Map Camera



Sontyam, Andhra Pradesh, India  
V79w+r79, Sontyam, Andhra Pradesh 531173,  
India  
Lat 17.869716° Long 83.295762°  
01/03/2025 12:19 PM GMT +05:30

GPS Map Camera

# THE AQUILA ART



**A.Dharani**  
**23NU1A0501**



We are thrilled to announce that the students of NSRIT emerged victorious in the Error Debugging Challenge at Miracle College!

The competition, which brought together top talent from various colleges, tested participants' analytical skills, problem-solving abilities, and attention to detail. Our team of dedicated students showcased exceptional expertise in identifying and rectifying complex coding errors under intense pressure, ultimately securing the top spot.

This victory is a true reflection of the technical prowess and teamwork cultivated at NSRIT, and it underscores the commitment to excellence that defines our student community.

# The Key of Knowledge

In the heart of every mind,  
A spark of truth, a light to find.  
Education is the key,  
That unlocks the world for you and me.  
Through books, through trials, through  
dreams so bold,  
We shape our futures, we break the mold.  
With every lesson, every turn,  
A brighter path, a chance to learn.  
The wisdom gained, the skills we seek,  
Builds a future strong, not weak.  
For education is not just what we know,  
But how we rise, how we grow.  
So, let us cherish each word, each page,  
For knowledge is the power to engage.  
To open doors, to soar on high,  
With education, we touch the sky.

# The Underdog's Triumph

It was the final match of the season, and the Red Hawks, a team that had never made it to the finals before, were facing the Steel Titans, the reigning champions. The Titans were known for their unstoppable defense and powerful attack, while the Red Hawks had always been seen as the underdogs – a team that didn't stand a chance.

The crowd filled the stands, buzzing with excitement, but most were betting on a quick victory for the Titans. Among the Red Hawks was Alex, a young player who had joined the team just last year. He wasn't the fastest, nor the strongest, but his heart was unmatched. Every day after practice, he stayed back to work on his footwork, his passing, and most importantly, his confidence.

The game began with the Titans dominating possession, their tall defenders shutting down every attack from the Red Hawks. Alex had the ball once, but his shot was blocked. His teammates began to lose hope.

But Alex, despite the pressure, never stopped believing. In the final minutes of the match, with the score still tied at 1-1, he saw an opening. The Titans' defense had momentarily lost focus, and Alex darted past them, with only the goalkeeper standing between him and victory.

With a deep breath, Alex took the shot – a swift, precise strike that flew into the top corner of the net. The crowd went silent for a moment, then erupted in cheers. The Red Hawks had won!

As Alex stood there, his teammates swarmed him in celebration. But he knew this victory wasn't just about the final score. It was about the hours of practice, the persistence, and the belief in himself when no one else did.

# CLAP – Clean Andhra Pradesh Campaign



In an effort to make our state a cleaner, greener, and more sustainable place, NSRIT students have come together to support the CLAP (Clean Andhra Pradesh) campaign. This initiative aims to raise awareness about the importance of keeping our environment clean and promoting eco-friendly practices across Andhra Pradesh.

Organized clean-up drives at local parks, beaches, and busy public spaces.

Conducted awareness workshops in schools and colleges on the harmful effects of plastic pollution.

Created and distributed informational pamphlets and posters to spread the message of sustainability.

Hundreds of students participated in clean-up drives across cities like Vijayawada, Visakhapatnam, and Amaravati.

Collaboration with local NGOs to promote waste management and reduce single-use plastics.

Over 1,000 students signed up to volunteer and take the CLAP pledge to make a difference.



# NSRIT Industry Visit



As part of our commitment to bridging the gap between academic learning and industry practices, a group of NSRIT students recently visited the XYZ Manufacturing Plant in [City Name]. This visit was organized to give students a first-hand look at the operational processes and cutting-edge technology used in one of the leading manufacturing facilities in the region.

## The Objective:

The primary goal of the visit was to provide students with practical insights into modern manufacturing processes, automation, and industry best practices. It was also an opportunity to understand the real-world application of concepts such as production planning, quality control, and supply chain management.

# XIV ANNUAL DAY CELEBRATIONS



