

DEPARTMENT | EVENTS | ARTICLES | NEWS | TECHNOLOGY

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# TECH BYTES

JUN-SEP 2024

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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



**NSRIT**  
AUTONOMOUS

## 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 (CSE) was established in 2008 with an initial intake of 60 students. The intake capacity was increased to 120 in 2010, 180 in 2023, and will further expand to 300 from the Academic Year 2024–2025. The CSE Department takes pride in announcing that our institution has been accredited with an ‘A’ grade by NAAC, and the department itself is accredited by the National Board of Accreditation (NBA) under TIER-II.

The department has 39 qualified teaching staff with 10 Ph.Ds. , 29 M.Tech. The faculty members are involved in research activities and presented papers in national and international journals and conferences.

# 🌍 Grand Celebration of World Environment Day! 🌍



At NSRIT, we believe that every action, no matter how small, plays a vital role in protecting our planet. This World Environment Day was a remarkable testament to our commitment to creating a greener and more sustainable future. Our students, faculty, and staff came together with enthusiasm, passion, and a sense of responsibility to honor this special occasion. The campus was buzzing with a variety of meaningful activities that not only showcased our dedication to the environment but also highlighted the importance of collective efforts in tackling the pressing environmental challenges of today. From the early hours of the morning, the campus was alive with energy as students prepared for a series of eco-friendly initiatives. The day began with a campus-wide tree plantation drive, where students, along with faculty members, rolled up their sleeves and planted hundreds of saplings across the campus grounds. This symbolic gesture not only helped increase the greenery on campus but also reinforced the message of reforestation and the need to restore ecosystems. Each sapling represented hope for the future, a small yet significant step toward reversing the damage caused by deforestation and urbanization.

But the efforts didn't stop there. In line with the theme of "Ecosystem Restoration," students organized clean-up drives in and around the campus. Equipped with gloves, bags, and a sense of determination, they worked tirelessly to remove litter and waste from common areas, ensuring a cleaner and healthier environment for all. The clean-up drives extended beyond the campus borders as volunteers ventured into nearby communities, cleaning public spaces and raising awareness about the importance of reducing waste and recycling.

# మార్పు రేఖలు



మనసుకి రెక్కలిచ్చి ఎగిరే పతంగి,  
ఎడతెగని మార్పు తీయగలదా మది?  
గుప్పెడు ఆశలు మోసుకొచ్చిన శ్వాస,  
ఆకాశంలో కలలతో నడిచిన నీ స్వర్గ.  
నీ రెక్కల పై తీగల పొదరు,  
సమయం చేత పూసిన తీగల దారులు.  
చిరునవ్వుల సొబగులు కట్టిన రూపం,  
ఓగిరిన నీ ఆలోచనలతో వింత వర్ణం.  
మౌనంతో పలుకుతున్న సమాధి మాటలు,  
నీ గుండెపోటు విని కలుసుకున్న వాక్యాలు.  
పతంగి... నీ దారి మార్పు, ప్రేమ ముద్ర,  
తిరిగి కనిపించని యవ్వనపు ప్రభ.



Sravanthi  
CSE

# "NSRIT to Host 6-Day ATAL FDP on Next-Gen AI: Exploring Machine Learning, NLP, and Real-World Applications"

**NSRIT** LEARNING (ATAL) ACADEMY  
AUTONOMOUS

**6-DAY ATAL FDP ON  
NEXT-GEN AI: DEEP DIVE INTO MACHINE  
LEARNING, NATURAL LANGUAGE  
PROCESSING AND  
ITS APPLICATIONS**

**September 23-28, 2024 / Department of CSE(AI&ML) / [www.nsr.it.edu.in](http://www.nsr.it.edu.in)**

The Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT) is excited to host a comprehensive 6-day AICTE-sponsored ATAL Faculty Development Program (FDP) focused on "Next-Gen AI: Deep Dive into Machine Learning, Natural Language Processing (NLP) and its Applications." Scheduled to take place from September 23rd to 28th, 2024, this event is organized by the Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) at NSRIT. The program aims to provide faculty members with an in-depth understanding of cutting-edge AI technologies, offering insights into the latest advancements in machine learning and NLP. Participants will have the opportunity to engage with expert speakers, partake in hands-on workshops, and explore practical applications of AI in various domains. This initiative not only seeks to enhance the technical skills of educators but also to inspire innovative teaching methods that can be integrated into their curricula. The FDP aims to provide faculty, researchers, and industry professionals with in-depth knowledge of cutting-edge AI technologies, particularly focusing on machine learning, NLP, and their applications across various sectors. AI is transforming industries worldwide, and this program will equip participants with both theoretical knowledge and practical insights needed to stay ahead in this rapidly evolving field.

# Record-Breaking Placement Success in 2024: A Testament to Excellence and Professional Growth



The year 2024 has proven to be a milestone for placement achievements, setting unprecedented records that reflect the institution's focus on quality education, professional preparedness, and comprehensive career development. With students from various disciplines excelling in their fields, this year's placement season has seen an overwhelming number of top-tier job offers, solidifying the institution's reputation as a leader in shaping future professionals ready to make an impact in competitive markets.

At the forefront of these accomplishments, a remarkable 50 students have secured prestigious positions with an annual salary package of ₹39 lakhs. This substantial number speaks volumes about the rigorous training and guidance provided by the institution, equipping students with not just technical knowledge but also the soft skills needed to excel in the corporate world. These offers represent a turning point in the career trajectories of these graduates, providing them with opportunities to work with globally recognized companies and contribute to cutting-edge innovations.

Beyond this, 6 exceptional students were also selected for roles offering ₹29 lakhs per annum. This impressive figure highlights the diverse range of opportunities available to the institution's graduates, spanning multiple industries and professional domains. The high demand for these students in sectors such as technology, finance, consulting, and more demonstrates the breadth of their skill sets and the institution's emphasis on fostering well-rounded professionals who can thrive in any environment.

# The Sage of Solon

## A Journey Through Wisdom

In a small village nestled between two mountain ranges, there lived a philosopher named Solon. His life was marked by deep contemplation, thoughtful words, and an enduring quest for truth. Solon was a man of great wisdom, and though he lived a humble life, his teachings had spread far beyond the village, reaching even the grand halls of distant cities.

Every morning, Solon would rise before the sun, walk to the edge of the village, and sit beneath an ancient oak tree. This tree, it was said, had witnessed the passing of countless seasons and generations. Solon found solace in its shade, and here he would meditate on the nature of life, existence, and the human condition. The villagers often found him there, silently contemplating, lost in the depths of his thoughts.

One day, a young man named Theo approached Solon, having heard of his reputation. Theo was troubled, struggling to understand his place in the world. He was torn between his desire for wealth and power, and his yearning for a life of meaning. Theo knelt before Solon and asked, "Master, I am lost. I wish to live a life of purpose, but the world around me values gold and fame. How do I find true fulfillment?"

Solon gazed at the young man, his eyes filled with a deep kindness. "Theo," he began, "the world will always tempt you with illusions—riches, power, and fame are fleeting. But fulfillment is not something that can be given or taken by the world. It is something you cultivate within yourself. Look inward, not outward, to find your path."

Theo frowned, unsatisfied with the answer. "But how can I look inward when the world pulls me in every direction? People say I need to fight for my place in the world, to conquer, to achieve!"

Solon smiled gently. "You speak of conquest as though it is the only path. But true strength lies not in the conquest of others, but in the mastery of oneself. Consider the oak tree under which we sit. It does not seek power, nor does it fight the winds. Yet it stands strong, rooted deeply in the earth, unshaken by storms. Its strength comes from within. So too must your strength come from the roots of your soul, not from external achievements."

**WRITTEN BY:**

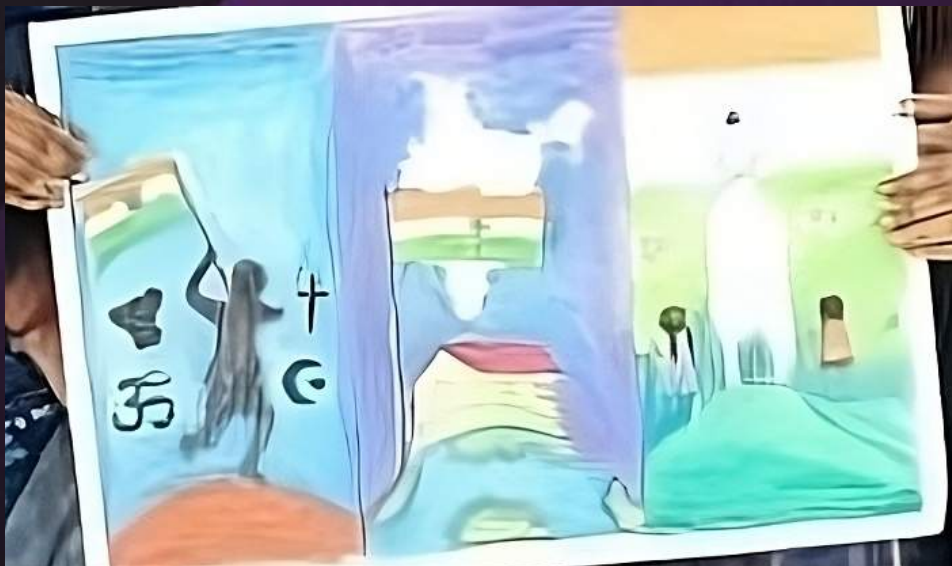
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# Unity in Diversity



This is an art done by CSE students in a team. Ms.Ambika,Ms.Sowmya, Ms.Priyanka , Ms. NiharikaThe painting illustrates the theme of unity in diversity within India, focusing on religious harmony and national integration. The left panel depicts a person waving the Indian flag alongside symbols of major religions—Hinduism, Christianity, and Islam—signifying the peaceful coexistence of different faiths in the country. The middle panel showcases the map of India with the national flag, representing the unity of the nation as a collective home for its people. In the right panel, two figures walk toward a religious structure, symbolizing the shared spiritual journey and the freedom to practice diverse beliefs. Together, these elements convey a message of peace, tolerance, and unity under the Indian identity.



# A Melody of Love and Friendship

Title : "Mad for You"

I'm lost in the way you make me feel,  
You're more than just a dream, you're something real.  
You're the smile I wear when skies are gray,  
The laughter in the silence when words fade away.

We've walked through fire, through every storm,  
Held together when the world was torn.  
And now I see, it's clear to me,  
That love and friendship were meant to be.

I'm mad for you, in every way,  
Through the highs and lows, we'll find our way.  
With every heartbeat, I'm falling deep,  
In love with you, and it's yours to keep.  
You're my friend, my love, my guide so true,  
I'm mad for life, and I'm mad for you.

We've shared the nights when the stars don't shine,  
But you've always been that light of mine.  
When the world feels like it's upside down,  
You're the reason I don't hit the ground.

We've crossed the lines that lovers fear,  
But friendship holds us closer here.  
Through every fight and every tear,  
You've stayed right here, always near.

I'm mad for you, in every way,  
Through the highs and lows, we'll find our way.  
With every heartbeat, I'm falling deep,  
In love with you, and it's yours to keep.  
You're my friend, my love, my guide so true,  
I'm mad for life, and I'm mad for you.



**written by**  
**Rohit**  
**cse**

# INDEPENDENCE DAY



Independence Day celebrations at NSRIT College are typically grand events filled with patriotism and cultural pride. The event begins with the hoisting of the national flag by a prominent guest or the principal of the college, followed by the singing of the national anthem. Students, faculty, and staff gather to honor the sacrifices made by freedom fighters and reflect on the importance of independence.

The celebrations often include cultural performances such as patriotic songs, dance performances, and skits that highlight India's rich history and struggle for freedom. Speeches are delivered by both students and faculty members, emphasizing the values of unity, democracy, and national progress. Additionally, competitions such as essay writing, debates, and drawing contests may be held to engage students in expressing their thoughts on independence and its significance.

The event usually concludes with the distribution of sweets and an address from the chief guest, encouraging students to carry forward the legacy of the freedom fighters by contributing positively to society. Overall, it is a day of pride, learning, and reflection for the entire college community.

# HACK WITH VIZAG V.2



It is an honor and privilege to stand before you today as we gather to celebrate the outstanding achievements of the winners of the Hackathon at NSRIT College. Today, we not only recognize their incredible talent and hard work but also acknowledge their commitment to innovation, creativity, and problem-solving—qualities that are at the heart of what this event represents. A hackathon is much more than just a competition. It is an opportunity to push boundaries, to tackle real-world challenges with cutting-edge solutions, and to collaborate in ways that lead to meaningful impact. To our winners, you have shown that you are not only up to this challenge but that you have the potential to be leaders in the ever-evolving world of technology. The solutions and innovations you presented during this hackathon demonstrate the power of teamwork, perseverance, and out-of-the-box thinking. These are the skills that will carry you forward, not only in the world of tech but in every endeavor you pursue. You have proven that NSRIT College is home to some of the brightest minds, and we couldn't be prouder.

# WINNERS





it would like to extend heartfelt congratulations to each and every one of you. Whether you wrote a brilliant piece of code, designed an intuitive interface, or contributed a groundbreaking idea, your efforts have made this hackathon a resounding success. You have raised the bar for what is possible, and we look forward to seeing where your talents will take you next.

To all the participants, whether or not you stood on this stage as winners, remember that each of you has gained invaluable experience. Every line of code, every late night of brainstorming, and every challenge you faced has prepared you for even greater achievements in the future. Keep pushing yourselves, stay curious, and never stop innovating.

Once again, congratulations to our hackathon winners—you have made us all incredibly proud. May this victory be the first of many in your bright careers. We are excited to see what you will accomplish next.

# "NSRIT Students Secure Prestigious ₹29 Lakh Placement Offer from Tvarana



NSRIT  
AUTONOMOUS  
2024  
HEARTY CONGRATULATIONS !

Deepak (AI & ML), Jothi (CSE), Varma (CSE), Veerababu (CSE), Karnakar (Data Science) and Sushma (CSE)  
for successfully placed in Tvarana with

tvarana | ₹29 LAKHS  
COMBO OFFER

NSRIT (Nadimpalli Satyanarayana Raju Institute of Technology) who have successfully secured placements in Tvarana, a leading technology company, with a highly impressive combo offer of ₹29 Lakhs. The featured students are Deepak from the Artificial Intelligence and Machine Learning (AI & ML) stream, Jothi from the Computer Science and Engineering (CSE) stream, Varma (CSE), Veerababu (CSE), Karnakar from Data Science, and Sushma from CSE. This significant accomplishment is a testament to the hard work, dedication, and technical expertise of the students, as well as the robust training and academic support provided by NSRIT. The institution takes pride in its students' success, reflecting the strong placement opportunities it offers in collaboration with leading companies in the tech industry. The ₹29 Lakhs offer demonstrates the value of the skills and knowledge these students have developed throughout their academic journey. NSRIT congratulates Deepak, Jothi, Varma, Veerababu, Karnakar, and Sushma for this outstanding achievement and extends its best wishes for their future endeavors in the tech industry. Their success serves as an inspiration for future batches and reinforces NSRIT's reputation for excellence in education and placements.

# A Dance of Love and the Cosmos



This artwork beautifully portrays a silhouetted figure standing gracefully on a crescent moon adorned with intricate patterns, surrounded by a scattering of stars. The figure, holding or releasing small hearts, suggests a deep connection to emotions—possibly symbolizing love, hope, or personal desires. The crescent moon, often associated with dreams and the subconscious, adds a sense of wonder and exploration, as if the figure is embracing or reaching for their aspirations. The stars and celestial ornaments hanging delicately from the moon evoke a sense of harmony and connection to the universe, suggesting that the figure is at peace, balanced between their emotional world and the vast cosmic expanse. The intricate designs and symmetry on the moon enhance this sense of unity, making the art a reflection of dreams, love, and the delicate balance between inner emotions and the outer universe.



**Sravanthi**  
CSE

# राखी का धागा

राखी का धागा, वो प्यार भरी सौगात,  
बहन की दुआएँ, भाई का विश्वास।  
साथ निभाएंगे हर जनम का वादा,  
दिलों में बसा वो बचपन का प्यारा इरादा।  
चंदन सी महक, स्नेह की ममता,  
भाई की कलाई पर, बंधे ये रिश्ता।  
बचपन की शरारतें, हँसी की वो बातें,  
जीवन के हर मोड़ पर, साथ चलने की कसमें।  
बहना की आँखों में, सपनों का संसार,  
भाई के हाथों में, हर मुश्किल का समाधान।  
हर राखी के धागे में, छिपा है जो विश्वास,  
हर मोड़ पर रहेगा, ये प्यार का एहसास।  
राखी है प्रतीक, इस बंधन की मस्ती,  
सदा सुरक्षित रखे, ये स्नेह की बस्ती।  
भाई-बहन का ये अटूट बंधन,  
रहे अमर, सदा, हर जनम।



**Sowmya**  
**CSE**