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TECH BYTES

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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 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.

FAREWELL EMBREACE



Farewell Embrace: CSE Students Reflect on Transformative Journey at NSRIT

The farewell gathering for Computer Science and Engineering students at NSRIT was a poignant celebration of their time spent together. The air was thick with laughter and nostalgia as they revisited the hurdles they overcame and the triumphs they achieved. These students fondly remembered the camaraderie forged during late-night coding marathons and the collective sighs of relief after project deadlines. Heartfelt farewells were exchanged, underscoring a profound gratitude for the personal and academic growth they experienced. This event highlighted the friendships and knowledge that have become a permanent part of their lives. As they prepare to embark on new adventures, the CSE students carry forward cherished memories and a unified spirit, ready to embrace the future with assurance and vigor.

A Hackathon Triumph at IIT Bhubaneswar



Team Visinores, consisting of Janardhan Naidu, Geethika, Atchuth, Pavan, and Vijay, showcased an impressive robotics project at the IIT Bhubaneswar hackathon, where they won 1st prize. Their innovative idea revolved around developing a versatile robotic system capable of performing various tasks in different environments. The robot featured autonomous navigation using advanced algorithms to traverse complex terrains and avoid obstacles. It was designed for multi-functional capabilities, allowing it to switch between delivering items, performing inspections, and assisting in search-and-rescue operations. The team also created a user-friendly interface for easy control and monitoring, making the technology accessible to a wide range of users. Equipped with sensors for real-time data collection and analysis, the robot could provide valuable insights in fields like agriculture and environmental monitoring. This project not only highlighted their technical prowess but also demonstrated the potential of robotics to enhance efficiency and safety across multiple sectors. Winning the hackathon is a testament to their hard work and creativity, potentially paving the way for further development and real-world applications of their robotic solution.

STUDENT Art Gallery



Welcome to the NSRIT Art Gallery, where creativity blossoms through art and environmental consciousness. This space is dedicated to showcasing artwork that reflects the delicate balance between nature and human activities, promoting awareness and appreciation for sustainability.

"A Nation That Destroys Its Soils Destroys Itself"

This artwork powerfully symbolizes the destructive consequences of deforestation and environmental degradation. It depicts trees growing from hands, representing the life-giving connection between humanity and nature. A man chopping down the very trees that emerge from his hands reflects the harm we cause to ourselves when we exploit nature unsustainably. The vivid colors of the flourishing trees contrast starkly with the barren, chopped trees, illustrating the message that a nation's prosperity is intertwined with the health of its environment. Message: "A nation that destroys its soils destroys itself."



"The Place Where Two Lives Begin" serves as a poignant reminder of our intrinsic connection to nature, beautifully encapsulated during Van Mahotsav 2024. This serene artwork portrays a woman gently planting saplings, an act that signifies our nurturing duty towards the environment. The dual representation of life — human and plant — underscores the profound truth that in caring for nature, we ultimately care for ourselves. The artwork's soft grayscale shading of the human figure juxtaposes the vibrant yellow and green of the saplings, symbolizing hope, renewal, and the promise of a thriving future. This artistic message encourages us to celebrate and protect the natural world, fostering a harmonious existence where both humanity and nature can flourish together.

"The Place Where Two Lives Begin" is an evocative piece created to commemorate Van Mahotsav 2024, a festival dedicated to tree planting and forest conservation in India. The artwork highlights the symbiotic relationship between humans and nature through the depiction of a woman planting saplings. This act serves as a metaphor for our responsibility to nurture the environment, illustrating that in doing so, we nurture our own existence. The contrast between the soft grayscale of the woman and the vibrant hues of the saplings emphasizes the optimism and renewal associated with environmental stewardship. By showcasing this dual representation of life, the artwork inspires viewers to appreciate and protect the natural world, ultimately advocating for a future where both humanity and nature thrive in harmony.

Congratulations to Mr. Hari Kiran and team II Year CSE Team for Securing Second Prize at National Hackathon



Heartiest congratulations to Mr. Hari Kiran and his team from II Year CSE for securing the second prize at the National Level Hackathon organized by GVP College of Engineering, Visakhapatnam! Your remarkable achievement has not only brought immense pride and joy to our institution but also showcased your exceptional talents in the field of Computer Science and Engineering. Through your dedication and innovative spirit, you have demonstrated the power of teamwork and collaboration. This success is a testament to your hard work and sets a high standard for excellence for your peers. We are incredibly proud of your accomplishment and confident that this is just the beginning of many more successes to come.

Moreover, this achievement is not only a reflection of your technical expertise but also of your ability to collaborate effectively as a team. In the fast-paced environment of a hackathon, where every second counts, your ability to seamlessly communicate, share ideas, and work together to solve challenges is commendable. The teamwork and camaraderie that you have displayed will serve as a strong foundation as you continue to face new challenges and opportunities in the future.

Workshop on Generative AI



The Department of Computer Science and Engineering (AI and ML) at NSRIT is thrilled to announce a three-day workshop on Generative AI, scheduled for March 18-20, 2024. This event is designed to offer participants a deep dive into the dynamic world of Generative AI, providing a thorough exploration of its core concepts, cutting-edge techniques, and diverse applications. Attendees will benefit from engaging hands-on sessions, where they can apply what they learn, as well as opportunities to interact with leading experts and innovators in the field. The workshop will also showcase the latest advancements in AI and machine learning, making it a must-attend event for students, researchers, and professionals eager to harness the transformative power of AI technologies. Whether you're looking to enhance your knowledge or explore new frontiers in AI, this workshop promises to be an enlightening and enriching experience.

Generative AI, a subfield of artificial intelligence, focuses on creating models and systems that can generate new, original content, such as text, images, audio, and even complex data patterns. This workshop will delve into the foundational principles of Generative AI, offering participants a unique opportunity to explore how machine learning models such as Generative Adversarial Networks (GANs), Variational Autoencoders (VAEs), and Transformer-based architectures, like GPT, are used to create these generative models. By attending, participants will not only understand the theory behind these models but also gain practical experience through coding and development sessions aimed at building their own generative AI applications.

XIII Annual Day



NSRIT is proud to announce its XIII Annual Day Celebrations, set for April 20, 2024, on a Saturday. This much-anticipated event will be a significant highlight in the institute's calendar, celebrating the hard work and achievements of the entire NSRIT community. The day will feature thought-provoking speeches from distinguished guests, including Prof. (Dr.) R. P. Dahiya, Former Professor of IIT Delhi, Dr. G. Jaya Suma, Registrar of JNTU-GV, Andhra Pradesh, and Mr. Kiran, CEO of Tilicho Labs, Visakhapatnam. NSRIT's XIII Annual Day is more than just an event; it's a celebration of the collective spirit of achievement, resilience, and future aspirations. We look forward to a memorable day filled with inspiration, recognition, and excitement, and we extend our best wishes to all students for their continued success.



స్నేహ మధురం

స్నేహమే మన జీవన ధ్వని,
మిథగా పలికే మధుర సంగీతం.

కష్టాల్లో కరుణ వర్షం,
సంతోషాల్లో పంచే ఆనంద కాంతి.

దూరాలు కానివ్వవు మన హృదయాలు,
కాలం మార్చలేదు మన బంధాలను.
నమ్మకానికి నిలయమైన స్నేహం,
జీవితపు మధుర కావ్యానికి మూలం.

అడుగు వేసినా నీడవలె వెంట ఉంటుంది,
చిరునవ్వుతో చెదరగొడుతుంది బాధలను
స్నేహం విలువల సుమాలు పరిమళిస్తుంది,
అది అనుబంధాల కిరీటం, అపారమైనది.

భావం (భావార్థం):

ఈ కవిత స్నేహం యొక్క మహత్వాన్ని వివరిస్తుంది. స్నేహం మన జీవితానికి మధురమైన సంగీతం లాంటిది అని, అది కష్టాలలో కరుణగా, సంతోషాలలో ఆనందంగా ఉంటుంది అని చెప్పింది. స్నేహం అనేది దూరాల వల్ల లేదా కాలం వల్ల మార్చబడే బంధం కాదు; అది నమ్మకానికి నిలయం. స్నేహితుడు మన కష్టాల్లో తోడుగా ఉంటాడు, బాధలను చిరునవ్వుతో చెదరగొడతాడు. స్నేహం అనేది విలువైనది, అపారమైనది, మరియు జీవితానికి మధురమైన అనుబంధం.



అంబికా
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Begin Your Journey to Success WITH AI AND ML



NSRIT's curriculum is designed to bridge the gap between theoretical knowledge and real-world industry demands. The institute places a strong emphasis on offering students exposure to industry practices right from the early stages of their education. This is achieved through a variety of hands-on learning experiences, internships with stipends, and collaborations with industry leaders. These initiatives allow students to gain practical experience, which is essential in building a strong foundation for their professional careers.

One of the standout features of NSRIT's educational approach is its industry-driven one-credit courses. These courses are designed in partnership with start-ups and established businesses, ensuring that students are learning the most up-to-date skills and technologies relevant to today's job market. These partnerships also extend to offering pre-placement opportunities to students, with many being offered stipends during their final year. This ensures a smooth transition from academic life to professional environments, where flexibility and adaptability are key.

Congratulations to Mr. Govardhan (IV CSE) on Securing a Prestigious Placement!

April 05, 2024

NEW UPDATE

CSE

NSRIT
AUTONOMOUS

2024

BIG KUDOS !

Our heartfelt congratulations to Mr. Govardhan (IV CSE) on securing a coveted placement offer at **Mind Your Fleet** after navigating through multiple rounds of interviews, surpassing peers at the national level. We wish you an immensely successful journey ahead and extend our best wishes for your future endeavors!

 **₹ 9 LAKHS**
PER ANNUM



Mr. Govardhan's success is a testament to his hard work, determination, and expertise in the field of Computer Science Engineering. His ability to excel in such a competitive environment highlights not only his technical skills but also his problem-solving abilities and adaptability. This achievement is not only a personal victory for Govardhan but also a source of inspiration for his peers, illustrating the rewards of perseverance and dedication. As he embarks on this new chapter at Mind Your Fleet, we are confident that he will continue to excel and make significant contributions to the organization. We wish him all the best in his future endeavors and look forward to seeing him achieve even greater heights.

This accomplishment is not only a testament to his hard work and perseverance but also a reflection of his capability to thrive in challenging situations, demonstrating the qualities that are essential for success in the ever-evolving tech industry. His journey thus far is a source of inspiration, and we are confident that his professional career will be just as successful.

"NSRIT 2024 Placement Success: Exceptional Job Offers and Holistic Student Development"

The infographic features the NSRIT logo and website (www.nsr.it.edu.in) at the top left, along with accreditation logos for NAAC 'A' and NBA. It prominently displays '2024 PLACEMENT HIGHLIGHTS' and lists three categories of job offers: 50 students at ₹39 lakhs, 06 students at ₹29 lakhs, and 05 students at ₹20 lakhs. A red banner states 'PREMIUM PLACEMENT OFFERS BAND UPTO And several others more than 5 LPA'. At the bottom, it shows '440+ JOB OFFERS' and 'Till April 16, 2024 STILL COUNTING'. The right side of the infographic is a collage of hexagonal images showing students in various settings: classrooms, labs, sports, and social events.

NSRIT www.nsr.it.edu.in
Visakhapatnam, Andhra Pradesh

NAAC 'A'

NBA NATIONAL BOARD OF ACCREDITATION

COLLEGE CODE NSRT

ENGINEERING ADMISSIONS 2024

2024 PLACEMENT HIGHLIGHTS

50 SELECTS 06 SELECTS 05 SELECTS

39 LAKHS 29 LAKHS 20 LAKHS

PREMIUM PLACEMENT OFFERS BAND UPTO

And several others more than 5 LPA

440+ Till April 16, 2024
JOB OFFERS STILL COUNTING

The 2024 placement highlights for Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT) in Visakhapatnam underscore the institution's impressive success in securing substantial job offers for its students. During this placement season, NSRIT has achieved remarkable outcomes, with 50 students receiving offers as high as ₹39 lakhs per annum, 6 students securing ₹29 lakhs per annum, and 5 students receiving ₹20 lakhs per annum. These figures reflect the promising career prospects and lucrative opportunities available to NSRIT graduates, aligning them with top-tier companies offering high-paying roles. Furthermore, the institute has facilitated over 440 job offers as of April 16, 2024, demonstrating a thriving placement season with ongoing opportunities. The placement success is complemented by a vibrant collage of images showcasing NSRIT students actively participating in academic, technical, and extracurricular activities. This dynamic environment fosters holistic development, equipping students with the skills necessary for success in both local and global job markets.

"The Light Inside"

**Woke up to the morning light,
Everything feels just right.
A smile, a breath, I'm alive,
Grateful for the chance to thrive.**

**Happiness is in my soul,
It's the peace that makes me whole.
No need for riches, fame, or pride,
The joy I seek is deep inside.**

**The world is wide, but I'm at ease,
Living with love, living with peace.
In every moment, I can see,
The simple joy of just being me.**

**Happiness is in my soul,
It's the peace that makes me whole.
No need for riches, fame, or pride,
The joy I seek is deep inside.**

**No mountain high, no road too long,
I've found my strength, I've found my song.
Happiness isn't far away,
It's with me here, every day.**



**HARI KIRAN
22nu1a0519**

Like the sun & the moon,
Twilight of Us
we shine different & at different times but in the same
dreamy sky, people say we will never meet, guess what we
do, we collide each other every single day may be just for
some moments but we create something beautiful called
Twilight even more beautiful then the day or night, I am not
sure if I am Your **Moonlight**
but for sure your my **Sunshine**



NAVYA SANTHI PRASAD
23NU1A05C9

S.NO.	FACULTY NAME	QUALIFICATION	DESIGNATION
1	Dr. Rayudu Srinivas	Ph. D	Professor & HOD
2	Dr K Madhavi	Ph. D	Sr Professor
3	Dr. R .Priya Vijayanthi	Ph.D	Professor
4	Dr. V. Sree Rama Murthy	Ph.D	Professor
5	Dr.SSV R Kumar Addagarla	Ph.D	Professor
6	Dr. D.Sirisha	Ph.D	Professor
7	Dr. S Sarojini Devi	Ph.D	Assoc Professor
8	Dr T V S Sriram	Ph.D	Assoc Professor
9	Dr.C S Manikandan	Ph.D	Assoc Professor
10	Mr K Shankar	M. Tech	Assistant Professor
11	Mrs.D.Aparna	M. Tech	Assistant Professor
12	Mrs.S.KrishnaDeepika	M. Tech	Assistant Professor
13	Mrs.K.Sudheeshna	M. Tech	Assistant Professor
14	Ms.M.S.S. Vahini	M. Tech	Assistant Professor
15	Mr A Surajkumar	M.Tech	Assistant Professor
16	Mrs.M.Bhargavi	M. Tech	Assistant Professor
17	Mrs. S. Jaya Prada	M. Tech	Assistant Professor
18	Ms. G. Aparanjini	M. Tech	Assistant Professor
19	Mrs. L.T. Priyanka	M. Tech	Sr.Asst.Professor
20	Mrs.G.Revathi	M.Tech	Assistant Professor
21	Mrs. B. Revathi	M. Tech	Assistant Professor
22	Mrs. A. Anusha	M.Tech	Assistant Professor
23	Ms. B. Geetha Sri	M. Tech	Assistant Professor
24	Mr. Kailash Chandra Nayak	M.Tech	Assistant Professor
25	Mrs. L. Jyothi	M. Tech	Assistant Professor
26	Mrs T.Anusha	M.Tech	Assistant Professor
27	Mr.Ch.Durga Rao	M. Tech	Assistant Professor
28	Mrs.A.NagabhushanRao	M.Tech	Assistant Professor
29	Mr. Y.Suresh gopi	M. Tech	Assistant Professor