

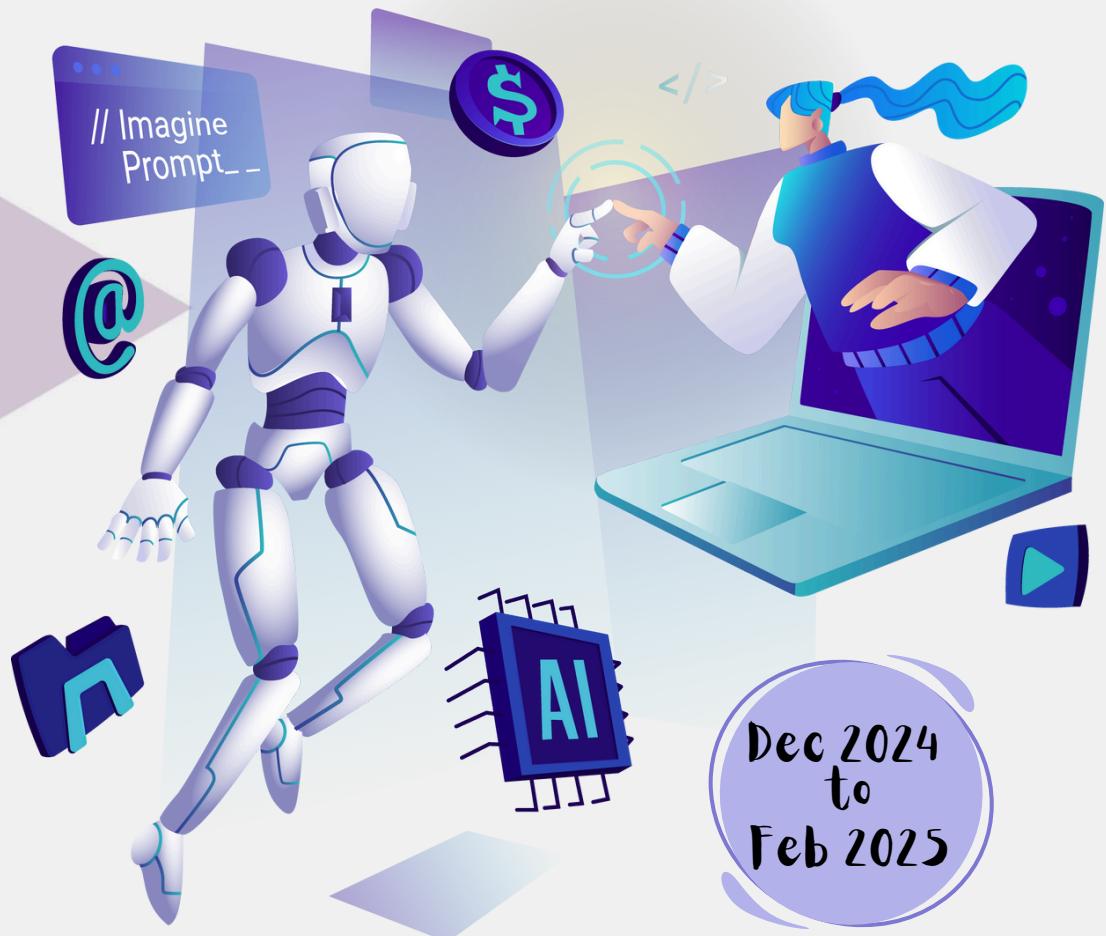


ADITYA
UNIVERSITY

INFORMATE

NEWS LETTER

VOL 14 ISSUE:3



**DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING**

HOD's MESSAGE



Dr.Korla Swaroopa M.Tech.,Ph.D.

As the Head of Department, I am proud to witness the continued growth and achievements of our Department. This year, we have not only seen exceptional student progress, but also significant success in placements, with many of our students securing roles at top-tier organizations. Our commitment to enhancing learning extends beyond the syllabus, with a focus on emerging technologies and industry-relevant skills. Together, we continue to foster an environment of innovation and excellence. I look forward to the exciting opportunities ahead and thank everyone for their dedication to our shared success.

• • • • •



• • • • •

STUDENT ENABLEMENT PROGRAM

Six-Day Hands-on Training on "Pixels to Players: Game Design using Build Box"



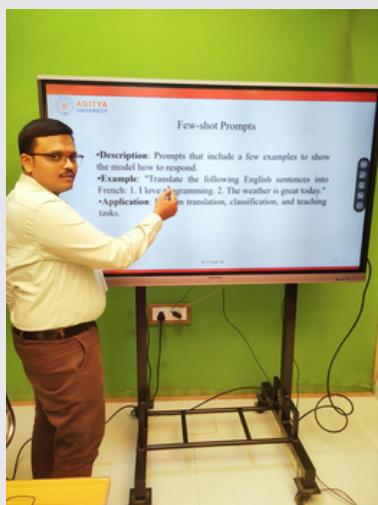
The Department of Computer Science and Engineering (CSE) at Aditya University, in collaboration with APSSDC under the CSI Student Chapter, organized a six-day hands-on training program titled "Pixels to Players: Game Design using Build Box."

The workshop, held from December 23 to December 28, 2024, at Lab 3, BGB, was led by Ms. Y. Revathi Devi, a Technical Trainer. A total of 51 students participated, gaining practical insights into game development, user interaction, and design principles using Build Box, enhancing their skills in the field of game development.



STUDENT ENABLEMENT PROGRAM

Online Certification Course



Dr Naga Tej Acted as a Resource person for 5 days AI tools online certification from 23-12-2024 To 28-12-2024 conducted by ALA and Department of CSE. In this program 114 faculty, 1 industry professional, 47 students, 15 others have participated.

 **ADITYA UNIVERSITY**

An Online Certification Course on
"AI Tools"

Organized by
Aditya Learning Academy
(Centre for Teaching & Learning)

Schedule
16/12/2024 - 20/12/2024, 6.00 pm to 7.30 pm

Target Participants
Students, Faculty & Industry Persons

Participants will receive a certificate if they attend atleast 75% of the sessions,
Score a minimum of 60% in the exam and pay fee of ₹100

Registration Link: <https://forms.gle/C9saxapTKJyNZdgm6>

Resource Persons

Dr. M. VENKATESH Associate Professor & HoD Dept of AI &ML, Aditya University.	Dr. D. NAGATEJ Assistant Professor Dept of CSE, Aditya University.
--------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------

Contact:
Dr. I. Veeranjaneyulu
Coordinator ALA, Aditya University,
ala@adityauiversity.in, 9985852505

Free Registration

Account Details:
Beneficiary Name : Aditya University
Account No : 120028094544
IFSC Code : CNRB0013268
Bank Name & Address : Canara Bank,
Surampalem

www.adityauiversity.in

FOLLOW US NOW 

Day	Resource Person	Topics Covered
Day-1 23-12-2024	Dr.D. Nagatej	Welcome & Icebreaker Activity, Overview of Generative AI, What is a Prompt and its application, Introduction to Tools(Text Based AI, Image AI, Audio AI), Exploring ChatGpt, Feedback
Day-2 24-12-2024		Recap, Image Generation Tools, DALLE Tutorial, 3 Scenarios, NotebookLM
Day-3 26-12-2024		Exploring Advanced Use Cases, Real-World Problem Solving with AI, Ethics and Future Directions, Final Reflection.
Day-4 27-12-2024	Dr.M.Venkatesh	Leonardo AI Lama AI Gemini Perplexity Litmaps
Day-5 28-12-2024		Huggingface

STUDENT ENABLEMENT PROGRAM

A Two Day Guest Lecture



ADITYA UNIVERSITY



Dr. Rashmi Bhardwaj

Fellow of Institute of Mathematics & Applications (UK)

Professor of Mathematics, Guru Gobind Singh Indraprastha University, Delhi.

A Two Day Guest Lecture on

MATHEMATICAL OPTIMIZATION IN AI & DATA SCIENCE

Department of Computer Science and Engineering.



We were honored to host Dr. Rashmi Bhardwaj, Professor of Mathematics at Guru Gobind Singh Indraprastha University, Delhi, for a captivating 2-day guest lecture on "Mathematical Optimization in AI & Data Science."

Dr. Bhardwaj expertly illuminated the fundamentals of mathematical optimization, revealing its profound impact on AI-driven models and data science applications. Her insightful lecture explored optimization techniques' role in:

Enhancing machine learning algorithms
Improving decision-making processes

STUDENT ENABLEMENT PROGRAM

A One Day Guest Lecture



ADITYA UNIVERSITY



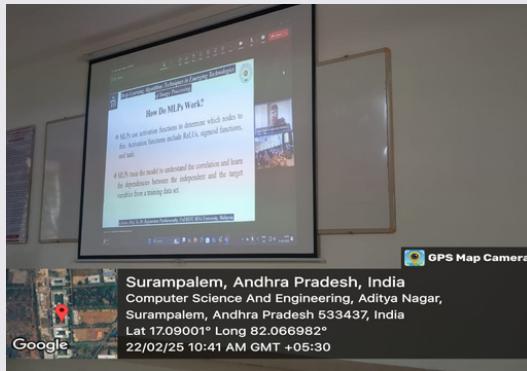
Dr. Rajamohan Parthasarathy

Associate professor, FOEBET,
SEGi University, Malaysia

A one day guest lecture on

Deep Learning Techniques in Emerging Technologies

Department of Computer Science and Engineering



A one day Guest Lecture on Deep Learning Techniques in Emerging in Engineering Technologies has conducted on 22/02/2025 . It was orgainzed under the controll of Mr. K Govind Sir , Dr Vaitheeshawan Sir & Team

STUDENT ENABLEMENT PROGRAM

A Three Day Workshop on
DESIGN THINKING



Conclusion of Our 3-Day Design Thinking Workshop

Dates: 20.02.2025 – 22.02.2025

Today marked the final day of our 3-Day Design Thinking & Innovation Workshop, where our first-year CSE students showcased their prototype solutions for real-world problems with innovative ideas with proactive approach.

Students started their journey from the Empathy phase to Prototyping and testing, truly highlighting the power of user-centered design thinking.

A heartfelt thank you to everyone who directly and indirectly supported us in successfully completing this workshop!

Special thanks to Dean - J.D. Venkatesh Sir for supporting me in every phase of these three days workshop.

Faculty Instructors:

Mr. Lava Raju G & Dr. Chandra Sekhar K

STUDENT ENABLEMENT PROGRAM

Alumni Interactions



Alumni Interaction Sessions at Aditya University

The Department of Computer Science and Engineering (CSE) at Aditya University organized multiple Alumni Interaction Sessions in December 2024 to provide students with industry insights and career guidance.

- On December 18, B. Yagna Sri (Intel) addressed III CSE B students on How to Prepare for Placements, sharing valuable tips on interview strategies and skill development.
- On December 28, alumni from HP, Swiggy, and Intel interacted with students:
 - P. Ajay Ganesh (HP) discussed the Working Environment in a Company with III CSE A students.
 - Ch. Sai Poojitha (HP) provided insights on How to Prepare for Interviews for III CSE A students.
 - N. Sunil (Swiggy) shared Various Coding Tricks to enhance programming efficiency for III CSE A students.
 - G. N. Balaji Reddy (HP) and E. Rajesh (HP) emphasized the Importance of Internships to II CSE A students.

These sessions helped students understand industry expectations, refine their technical skills, and gain valuable career advice from experienced alumni.

STUDENT ENABLEMENT PROGRAM

Alumni Interactions



We were delighted to host an insightful Alumni Interaction Session on February 1, 2025, where our distinguished alumnus, **Perapu Surya Durga Ravi Teja (18A91A0543)**, shared valuable insights on Higher Studies with III CSE (DS) students.

His guidance and experiences provided students with a clearer understanding of academic and career opportunities beyond graduation. Such interactions play a crucial role in inspiring and mentoring future graduates.

We extend our gratitude to Ravi Teja for his time and support in shaping the next generation!

FACULTY ACHIEVEMENTS

International Journals



Dr. S. Rama Sree from Aditya University, showcasing her research article published in Scientific Reports. The paper, titled "Optimal directed acyclic graph federated learning model for energy-efficient IoT communication networks," reflects cutting-edge advancements in IoT technology. The journal boasts an impressive impact factor of 3.8 and belongs to Q1 quartile. Dr. Rama Sree's expertise contributes significantly to the Department of Computer Science and Engineering. Aditya University's credentials, including NAAC A+ grade, NIRF ranking (201-300), and Tier 1 accreditation, reinforcing its commitment to academic excellence and impactful research.

FACULTY ACHIEVEMENTS

International Journals



We are proud to announce that Dr. K. Swaroopa has published a research paper titled:

“IoT Integration With CMPA-PINN for Islanding Detection Through Microgrid Hierarchical Control”

This paper has been published in the prestigious International Journal of Communication Systems, Wiley. Her contribution to cutting-edge research in IoT and microgrid technology highlights our institution's commitment to academic excellence.

FACULTY ACHIEVEMENTS

International Journals



- Dr. P. Subba Rao has made a significant contribution to agricultural technology research with his latest publication titled "Integrating Agronomic Method and Yield Crop Modelling with ML Baseline." The paper was published in the reputed journal Communications on Applied Nonlinear Analysis (ISSN: 1074-133X), Volume 32, No. 5s (2025).
- Dr P Subba Rao, published paper titled as "Integrating Argonomic Method and Yield Crop Modelling with ML Baseline" in Communications on Applied Nonlinear Analysis, ISSN: 1074-133X, Vol 32 No. 5s (2025).
- Dr. Subba Rao Polamuri in The Bioscan, an international quarterly journal of life sciences. Their paper, titled "Predicting Cardiovascular Disease by Integrating the Dataset and DNN with Asynchronous Learning Technique," explores advanced deep learning techniques for cardiovascular disease prediction. Published in 2024 .
- Dr. P. Subba Rao has made a significant contribution to agricultural technology research with his latest publication titled "Integrating Agronomic Method and Yield Crop Modelling with ML Baseline." The paper was published in the reputed journal Communications on Applied Nonlinear Analysis (ISSN: 1074-133X), Volume 32, No. 5s (2025).

FACULTY ACHIEVEMENTS

International Journals



Dr P Subba Rao, published paper titled as “Integrating Argonomic Method and Yield Crop Modelling with ML Baseline” in Communications on Applied Nonlinear Analysis, ISSN: 1074-133X, Vol 32 No. 5s (2025).

Dr A Vaitheeswaran, published a paper “An Intelligent Framework for Skin Cancer Detection and Classification using Fusion of Squeeze-Excitation-Densenet with Metaheuristic-Driven Ensemble Deep Learning Models” Scientific Reports.



T. Prabhakara Rao published a paper titled “Enhancing food recognition accuracy using hybrid transformer models and image preprocessing techniques” in nature portifolio,

FACULTY ACHIEVEMENTS

International Conferences



Subba Rao Polamuri; M Indrasenareddy Published “Deep Learning based Porosity Inversion from Seismic Attributes” IEEE, 5th International Conference on Data Intelligence and Cognitive Informatics (ICDICI), Dec 2024

Chandra Sekhar Kolli Published “GAN-CNN Hybrid Framework for Robust Multi-Scale Image Restoration” in the 4th international conference on Intelligent systems & sustainable computing organized by malla reddy university, Hyderabad.



K Vydehi, published paper titled as “A Novel Weighted KNN Approach for Predicting Health Impacts Based on Air Quality Data” 2025 Fifth International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2025) held at Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh, India during 09-10, January 2025.

FACULTY ACHIEVEMENTS

International Conferences



U V Ramesh published paper titled as “Advanced Deep Learning Techniques for Multivariate Weather Prediction using RNN and LSTM models” in the 2025 Fifth International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2025) held at Shankaracharya Technical Campus (STTC), Bhilai, Chattisgarh, India during 09 – 10, January 2025.

Dr D Naga Tej attended a two day AP digital technology summit, 8th and 9th Jan 2025 at VMRDA Children Arena, Siripuram, Visakhapatnam



Dr J Hari Attended a two day systems engineering summit 2025 at SRM university, AP on 23rd and 24th Jan 2025.

FACULTY ACHIEVEMENTS

International Conferences

Dr P Subba Rao acted as Technical Committee Member, 7th International Conference on Communication and Computational Technologies (ICCCT 2025), Florida International University, Miami, US.



Dr K Chandra Sekhar acted as Reviewer Springer Nature on 16th Jan 2025.

Ch .Bhanu Prakash published a paper titled "Enhancing Diabetes Prediction with Hybrid Sampling Techniques through Machine Learning and Deep Learning Models" in the International Conference 2025 AI-Driven Smart Healthcare for Society 5.0 (AdSoc 5.0) held on February 14–15, 2025, organized by Department of Computer Science and Engineering (NBA Accredited) and Department of Electrical Engineering (NBA Accredited), Guru Nanak Institute of Technology, Kolkata.



FACULTY ACHIEVEMENTS

International Conferences

K Vydehi, published paper titled as “A Novel Weighted KNN Approach for Predicting Health Impacts Based on Air Quality Data” 2025 Fifth International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2025) held at Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh, India during 09 - 10, January 2025.



U V Ramesh published paper titled as “Advanced Deep Learning Techniques for Multivariate Weather Prediction using RNN and LSTM models” in the 2025 Fifth International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2025) held at Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh, India during 09 - 10, January 2025.



FACULTY ACHIEVEMENTS

International Conferences



- Dr P Subba Rao, published a paper titled “Intelligent Spectrum Resource Management Integrating Time and Space & Frequency Domain Sensing Data” Second International Conference Computational and Characterization Techniques in Engineering & Sciences (IC3TES) Lucknow, India. Nov 15–16, 2024
- Dr P Subba Rao, published a paper titled “Developing New Waveforms for Multiuser VLC Networks employing Deep Learning” Second International Conference Computational and Characterization Techniques in Engineering & Sciences (IC3TES) Lucknow, India. Nov 15–16, 2024.
- Dr P Subba Rao, published a paper titled “Enhancing IoT Security and Efficiency with DPOS Enabled Blockchain and IPFS Integration” Second International Conference Computational and Characterization Techniques in Engineering & Sciences (IC3TES) Lucknow, India. Nov 15–16, 2024.
- Dr P Subba Rao, published a paper titled “Machine Learning Techniques to Identify the High Resolution Radar Image by Supervised Trained Virtual Data” Second International Conference Computational and Characterization Techniques in Engineering & Sciences (IC3TES) Lucknow, India. Nov 15–16, 2024.
- Dr P Subba Rao, published a paper titled “The Implication of Multimedia in the Information Revolution” Second International Conference Computational and Characterization Techniques in Engineering & Sciences (IC3TES) Lucknow, India. Nov 15–16, 2024

FACULTY ACHIEVEMENTS

International Conferences



Dr S Rama sree have been the Chief Guest at Vibhaava- 2024, a state-level Techno-Cultural Event

Mr G Uma Mahesh with Intermediate Board of AP and NASSCOM officials



FACULTY ACHIEVEMENTS

International Summit



We are pleased to announce that **Dr. D. Naga Tej** actively participated in the **AP Digital Technology Summit**, held on **January 8–9, 2025**, at **VMRDA Children's Arena, Siripuram, Visakhapatnam**.

This summit served as a platform for exploring emerging trends in digital technologies, innovation, and industry advancements, fostering valuable insights and networking opportunities. His participation reflects our institution's commitment to staying at the forefront of technological advancements.

We are proud to announce that **Dr. J. Hari** participated in the **Systems Engineering Summit 2025**, held on **January 23–24, 2025**, at **SRM University, AP**.

The summit provided a platform to explore advancements in systems engineering, technology integration, and industry best practices, fostering insightful discussions and knowledge sharing.

His participation underscores our institution's dedication to continuous learning and innovation.



FACULTY ACHIEVEMENTS

Doctoral Degree Awarded



The Department of Computer Science and Engineering proudly congratulates Dr. T. Sudha Rani on being awarded a Doctoral Degree from Jawaharlal Nehru Technological University, Kakinada (JNTUK) in December 2024.

This remarkable achievement reflects her dedication to academic excellence and research contributions. Her expertise will continue to inspire students and enhance the department's research endeavors. The university community extends its best wishes for her future scholarly pursuits.

FACULTY ACHIEVEMENTS

Faculty Recognition



Faculty Recognition: Session Chair, Resource Person & Reviewer

We are proud to announce that Dr. P Subba Rao, Associate Professor, has been recognized for his expertise and contributions in international conferences. He has served as a Program Committee Member and Reviewer for:

- 7th International Conference on Communication and Computational Technologies – Organized by National Forensic Sciences University, Goa Campus, and Florida International University, Miami, on February 14–15, 2025.
- 2nd World Congress on Smart Computing (WCSC 2025) – Organized by School of Engineering, Babu Banarasi Das University, Lucknow, on February 22–23, 2025.

His active involvement in research and academia continues to inspire and uplift our institution.

FACULTY ACHIEVEMENTS

NVIDIA CERTIFICATION



NVIDIA Certifications

Our esteemed faculty members have successfully earned prestigious NVIDIA certifications in various cutting-edge technologies, including OpenUSD, CUDA, Generative AI, Robotics, Omniverse Development, and Disaster Risk Monitoring using Satellite Imagery. These certifications highlight their commitment to staying ahead in emerging technologies and enhancing academic excellence. Their expertise will greatly benefit students, fostering innovation and industry-ready skills.

Congratulations to all the faculty members on this remarkable achievement!

STUDENT ACHIEVEMENTS

Placements



A. HARSITH
21A91A05J6



M. DIVYA SREE
21A91A05F9

A RECORD BREAKING PACKAGE

For being placed in

#HARSHAI

52 LAKHS PER ANNUM



C. POOJITHA
22A91A05B4



S. SRIRAM
22A91A05F5

A RECORD BREAKING PACKAGE

For being placed in

#HARSHAI

52 LAKHS PER ANNUM

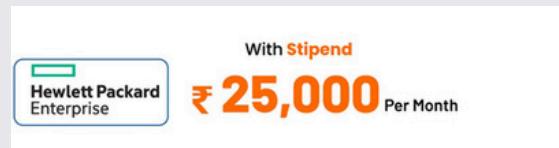
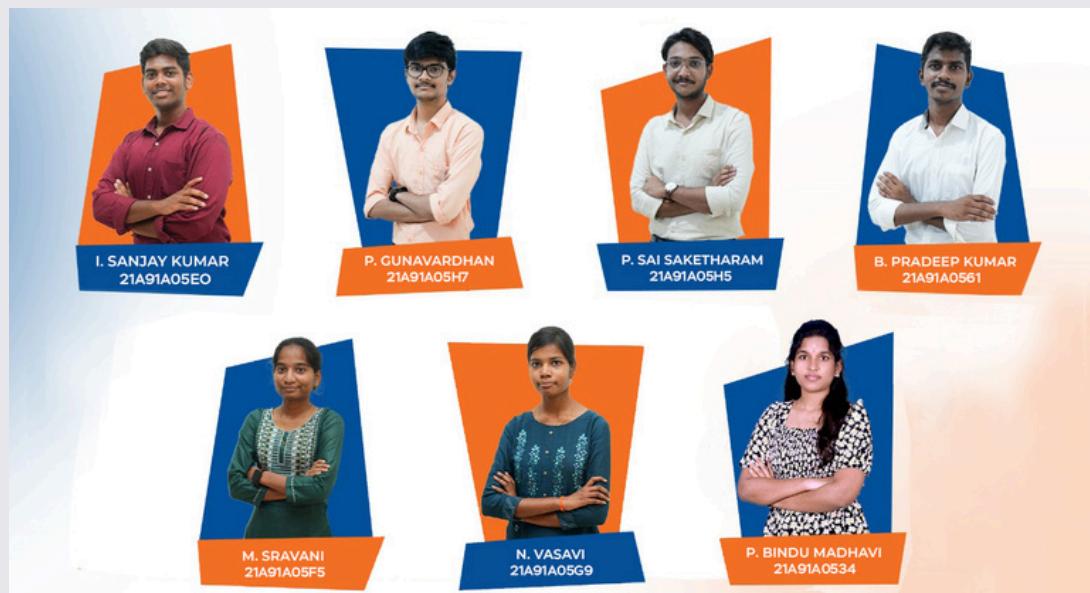
STUDENT ACHIEVEMENTS

Placements



STUDENT ACHIEVEMENTS

Placements



STUDENT ACHIEVEMENTS

Placements



Infosys ₹ 3.6 LPA

STUDENT ACHIEVEMENTS

Placements

Congratulations

VIJU SUDHEESHA
21A91A05F6

N.VAMSI PRAVEEN
21A91A05G5

SAI SAKETHRAM
21A91A05H5

for being placed in

DigitalTrust
empowering citizens

Package

₹5.2 LPA

Congratulations

SEERAM RUTHWIK
21A91A0540

NIKITHA DUVVURI
21A91A0506

SURYA DEVI KASIREDDY
20A91A0591

for being placed in

[24]7.ai

Package

₹ 2.4 - 3.5 LPA

STUDENT ACHIEVEMENTS

Placements



STUDENT ACHIEVEMENTS

Celebrating Placement Success



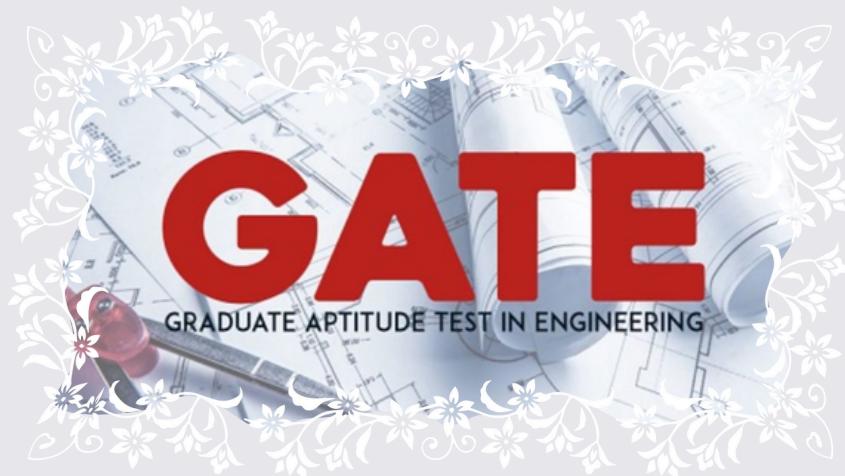
CELEBRATING PLACEMENT
SUCCESS



CELEBRATING PLACEMENT
SUCCESS

STUDENT ACHIEVEMENTS

Success in Competitive Exam



Success in Competitive Examinations

We are delighted to recognize our students for their outstanding performance in prestigious competitive exams:

- **P Avinash (IV CSE A) – Scored 96/120 in TOEFL.**
- **Seeram Ruthwik (IV CSE A) – Scored 317/346 in GRE.**

Their achievements reflect their dedication and hard work, setting a great example for their peers.

STUDENT ACHIEVEMENTS

Student Participation in PRAJWALAN 2K25 Hackathon



Student Participation in PRAJWALAN 2K25 Hackathon

We are thrilled to announce that the following II CSE (DS) students actively participated in PRAJWALAN 2K25, a 24-hour hackathon organized by the Department of Computer Science and Engineering, SRKR Engineering College, on February 17–18, 2025:

1. **G Vishnu Chakradhar** – 24A95A4401
2. **R Sai Satish** – 24A95A4405
3. **Ch Tulasi Sadhvi** – 23A91A4414
4. **Y Surya Swaritha** – 23A91A4464
5. **A Poornima Praneetha** – 23A91A4404
6. **P Koti Sreenita** – 23A91A4445

Their participation in this competitive coding event showcases their innovation, teamwork, and problem-solving skills. Congratulations to all participants!

STUDENT ACHIEVEMENTS

Outstanding Student Achievement at ITYUKTA-2K25!



We are proud to announce that the following III CSE (DS) students participated in the DevOps: Code to Cloud Workshop/Technical Event at ITYUKTA-2K25, a Two-Day National Level Technical Symposium held on February 24–25, 2025, at **JNTU-GV College of Engineering, Vizianagaram:**

U Subash (22A91A4449) – Secured Second Prize

We are proud to announce that the following III CSE (DS) students participated in the DevOps: Code to Cloud Workshop/Technical Event at ITYUKTA-2K25, a Two-Day National Level Technical Symposium held on February 24–25, 2025, at **JNTU-GV College of Engineering, Vizianagaram:**

K Anitha Priyanka (22A91A4461) – Secured Third Prize



EDITORIAL BOARD



Editor - in - Chief

Dr . K. Swaroopa

Associate Professor & HOD



Associate Editor

Dr. P. Subba Rao

Associate Professor



Assistant Editor

U. Subash

22A91A4449



Assistant Editor

Y. Syam Sundar

22A91A4451