R N SHETTY TRUST®

RNS INSTITUTE OF TECHNOLOGY

ESTD.:2001

An Institute with a Difference

AN AUTONOMOUS INSTITUTION UNDER VTU



Dr. R N Shetty
Founder

Department Newsletter - DATAVERSE

2024-25 Issue -2







Department of CSE(Data Science)

About the Department

The Department of CSE (Data Science) was established in 2021–22 to meet the growing demand for skilled data professionals. With an annual intake of 120 students, the department blends strong academic foundations with hands-on research opportunities.

Our faculty members, drawn from premier institutes in India and abroad, bring a rich mix of industry and R&D experience. Students are encouraged to explore research during their UG and PG studies, paving the way for careers as data engineers and scientists.

With state-of-the-art infrastructure and high-caliber teaching, the department provides a stimulating environment that nurtures innovation and excellence in data-driven problem solving.





Vision

Empowering students to solve complex real-time computing problems involving high-volume multi-dimensional data.

Mission

- Provide quality undergraduate education in both theoretical and applied computer science to solve real-world problems.
- Conduct research to develop algorithms that solve complex problems involving multi-dimensional high-volume data through intelligent inferencing.
- Develop good linkages with industry and research organizations within India and abroad to expose students to global problems and find optimal solutions.
- Creating confident graduates who can contribute to the nation through high levels of commitment, following ethical practices, and with integrity.



Message from the Principal

It is my privilege to lead RNS Institute of Technology, founded in 2001 by our revered Chairman, Dr. R. N. Shetty, with the vision of creating a center of excellence in technical education.

At RNSIT, we foster a learner-centric ecosystem, where education is not just about knowledge, but also about character building and lifelong skills. With NBA and NAAC accreditation, dedicated faculty, R&D activities, and world-class infrastructure, the institute has achieved nearly 200 university ranks, excellent placements, and strong industry collaborations.

I warmly welcome students from across the country to join this esteemed institution and be part of our journey towards excellence.

– Dr. Ramesh Babu H S, Principal

Message from the HOD

On behalf of the faculty and staff of the CSE (Data Science) Department, I warmly welcome you to our academic community.

The ever-growing volume of data across domains demands intelligent algorithms for analysis and knowledge discovery. At RNSIT, we ensure students integrate theory with hands-on projects, gaining opportunities to explore applied research, industry collaboration, and societal problem-solving.

With a strong ecosystem connecting academia, research, and industry, we prepare our graduates for challenging careers and higher studies, while fostering innovation and integrity.

– Dr. Mohan H S, HOD (CSE – Data Science)

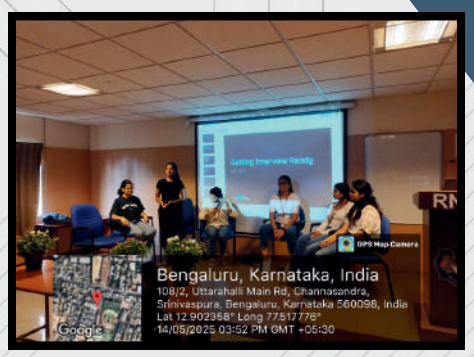


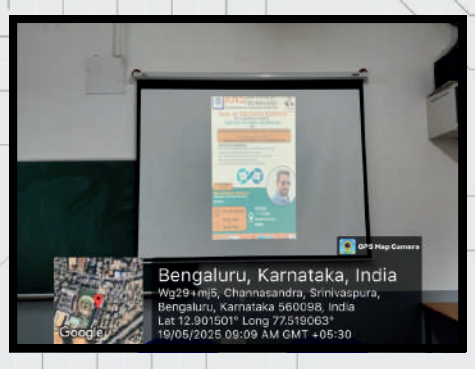
Events

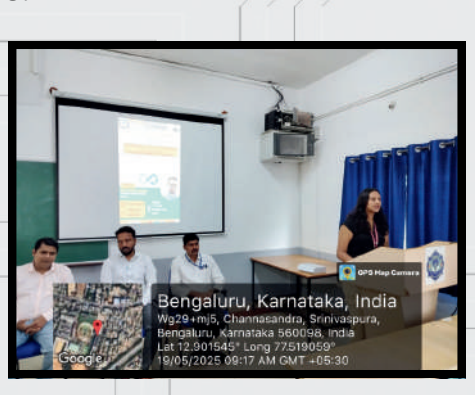
ReactPlay Workshop

Hands-on React development session for IV & VI semester students. Covered component-based architecture, state management, real-time database integration, and cloud solutions. Students gained practical experience bridging theory with modern web development practices.









DevOps Workshop

Comprehensive session on CI/CD, Docker, Kubernetes, version control, and automated deployment pipelines. Participants received hands-on exposure to industry-standard DevOps workflows enhancing software reliability and team collaboration.

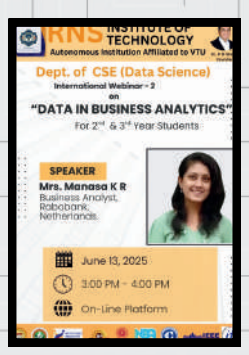
Algojam: Analysis of Algorithms

Student activity focused on algorithm problem-solving, asymptotic analysis, recurrence relations, and data structure trade-offs. Promoted independent learning, teamwork, and research-oriented thinking.







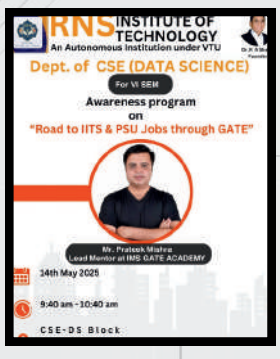


International Webinar: Data in Business Analytics

Insights on analytics-driven business strategies, data pipelines, and real-world case studies. Students learned how to translate data into measurable outcomes and explored international career pathways.

GATE Awareness Program

Guidance on exam strategies, preparation resources, IIT/PSU opportunities, and post-graduation pathways. Students received practical advice for career planning and competitive exams.









NLP Subject Activity

Hands-on session on text preprocessing, WordNet/ FrameNet, stemming, POS tagging, and word cloud visualizations. Students gained practical skills for NLP projects and AI applications.

Expert Talk: Big Data Analytics

Explored the Hadoop-Spark ecosystem, distributed storage, parallel processing, streaming analytics, and machine learning integration. Students gained hands-on understanding for capstones, projects, and internship preparation.

Expert Talk: Firebase

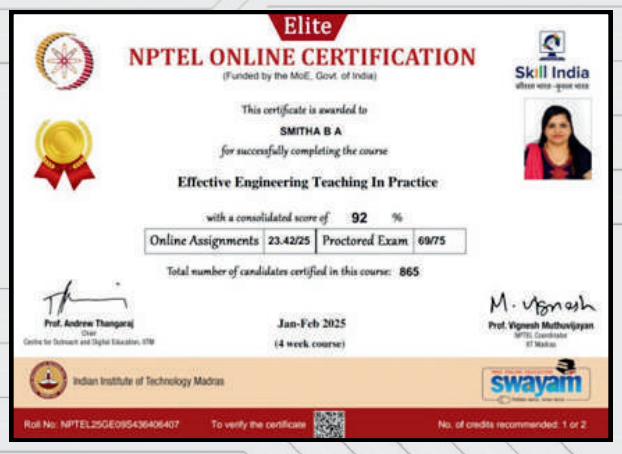
Practical insights into Firebase services including real-time databases, authentication, cloud integration, and end-to-end app development workflows. Students learned implementation patterns and best practices for scalable applications.

Faculty Achievements

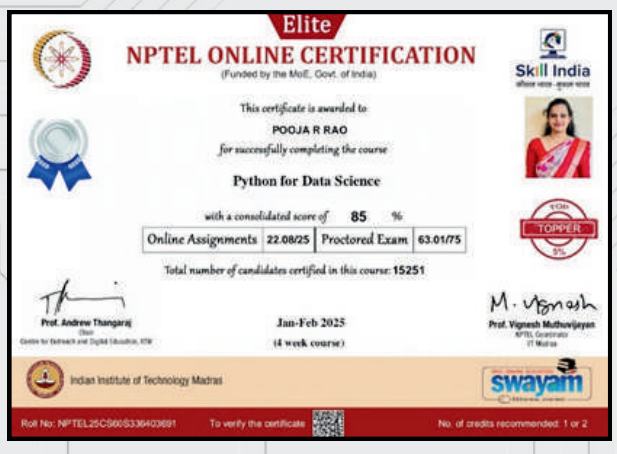
NPTEL

Name	Course Title	Duration
Dr. Mohan H S	Python for data science	4 weeks
Dr. Mahantesh K	Python for data science	4 weeks
Dr. Naveen L	Python for data science	4 weeks
Mr. Sunil G L	Python for data science	4 weeks
Ms. Pooja R Rao	Python for data science	4 weeks
Ms. Smitha B A	Python for data science	4 weeks
Ms. Roopa T	Python for data science	4 weeks
Ms. Pavithra J	Python for data science	4 weeks
Ms. Navyashree K S	Python for data science	4 weeks
Dr. S J Savita	Python for data science	4 weeks
Dr. S J Savita	Effective engineering teaching in practice	4 weeks
Ms. Ramya B K	Data science for Engineers	4 weeks
Ms. Smitha B A	Effective engineering teaching in practice	4 weeks
Ms. Rachitha E	Software testing	4 weeks

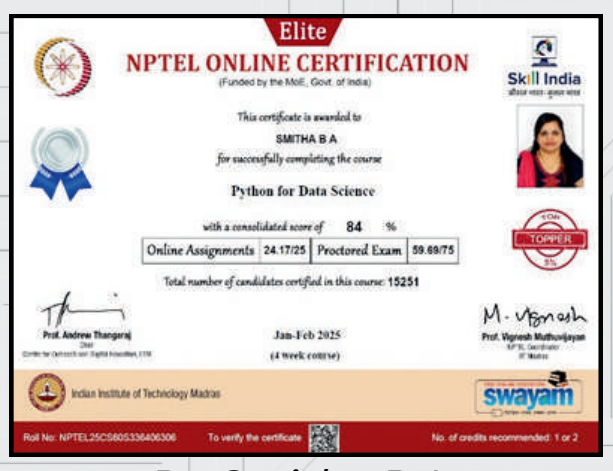
Star Performers



Dr. Smitha B A
An Elite Gold Result



Ms. Pooja R Rao
An Elite Silver Result



Dr. Smitha B A
An Elite Silver Result



Dr. Savita S J
An Elite Silver Result

Faculty Achievements

AICTE QIP Certification



Dr. S. J. Savita

Selected for the AICTE-QIP PG Certificate Program on Artificial Intelligence & Data Science

📍 **IIIT Kottayam, Kerala**

📅 **June – December 2025**

Patents

Faculty Name	Title	Status
Dr. Naveen L	AI-Powered Virtual Teaching Assistant for Enhanced E-Learning Experiences	Published
Dr. Smitha B A	Blockchain and AI-Integrated Cybersecurity Framework for Secure Data Transactions	Published
Preetham V	Innovative Barber Chair with Integrated Vaccum System for Effortless Hair Cleaning	Published
Dr. Mahantesh K	Low-Cost Self-Charging Hybrid Electric Bicycle	Published
Mrs. Pooja R Rao	Low-Cost Self-Charging Hybrid Electric Bicycle	Published

Faculty Achievements

Research Grants

Principal Investigator	Title	Agency	Sanctioned Amount
Dr. Sreevidya R C	Design of an Agricultural Monitoring and Decision Support System	URF - RNSIT	18250/-
Dr. Mahantesh K	NeuroVision: Deep Learning and BCI for AI Enabled Assistive Devices	KSCST – 48th Series SPP	4500/-
Dr. Sreevidya R C	Stand Support and Stability Devices for Mobility Assistance	URF - RNSIT	22700/-
Dr. Sreevidya R C	Osteodetect AR	URF - RNSIT	29500/-
Dr. A Srinivas	Development of a Virtual Reality System to Simulate Base Station Handoff in Mobile Networks	URF - RNSIT	9,700/-

Achievements of Students

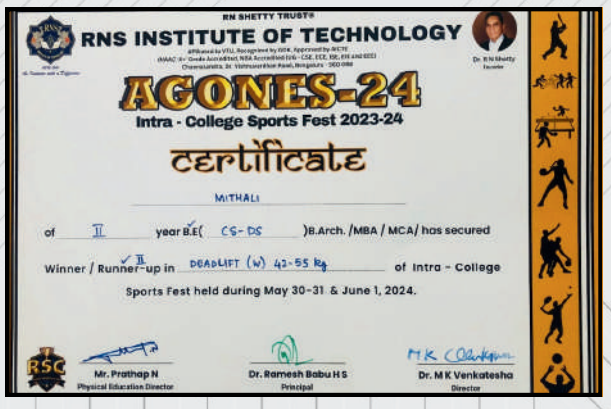
SPORTS ACHIEVEMENT



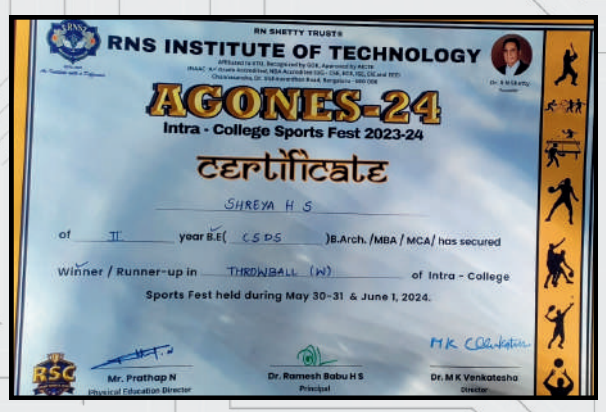
🥈 **Satya Ranjan Sahoo**
2nd Place in VTU Archery (Men) 2024



🥈 **Akhilam Sivaramakrishnan**
2nd Place in VTU Basketball (Men) 2024



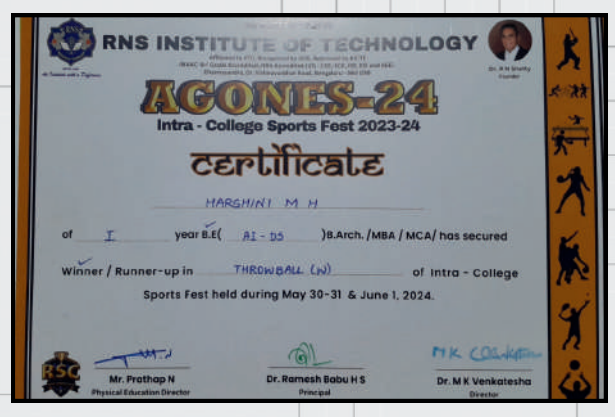
🥈 **Mithali**
2nd Place in Deadlift(42-55kg), Agones 2024



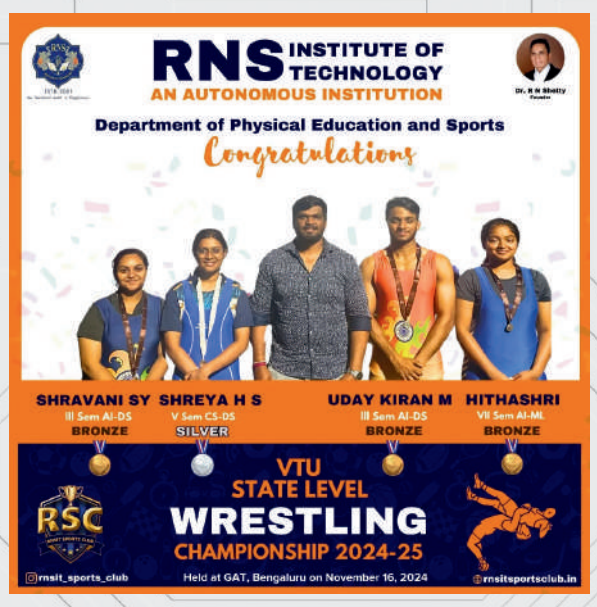
🥇 **Shreya H S**
1st Place in Throwball(W), Agones 2024



🥇 **Sinchana Puranik**
1st Place in Throwball(W), Agones 2024



🥇 **Harshini M H**
1st Place in Throwball(W), Agones 2024







Department of CSE(Data Science)

Achievements of Students

RESULTS AND MEDAL OF MERIT

Batch	I	II	III	IV	V	VI	VII	VIII
2021-2025	85.24	93.40	85.29	92.64	89.70	94.11	95.58	100
2022-2026	93.16	93.00	89.47	87.21	85.82	93.28		
2023-2027	91.12	92.8	88.40	90.57				
2024-2028	95.57	92.85						









Gokulnath V

VTU 4th RANK
CSE – Data Science
🏆 **Awarded Best Outgoing Student of 2025**



Jahnavi R

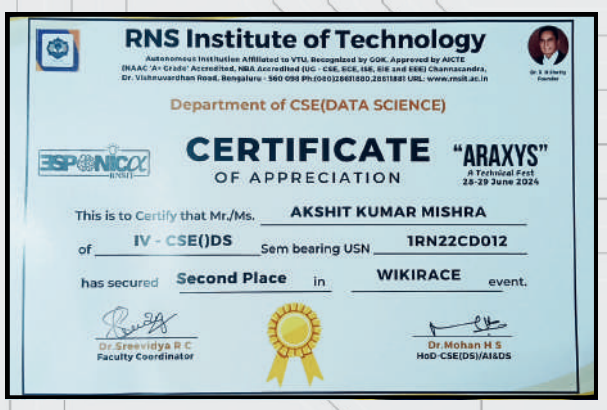
VTU 7th RANK
CSE-Data Science

Achievements of Students

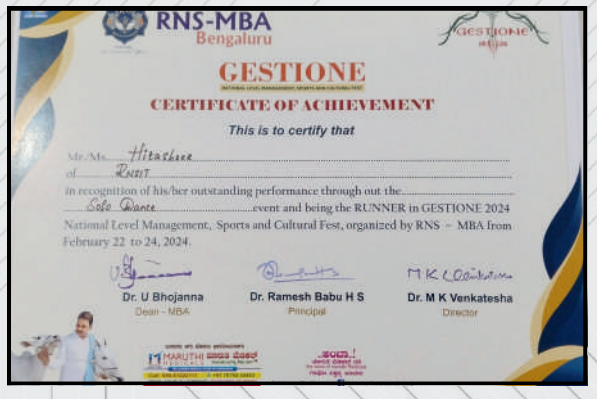
EXTRACURRICULAR ACTIVITY



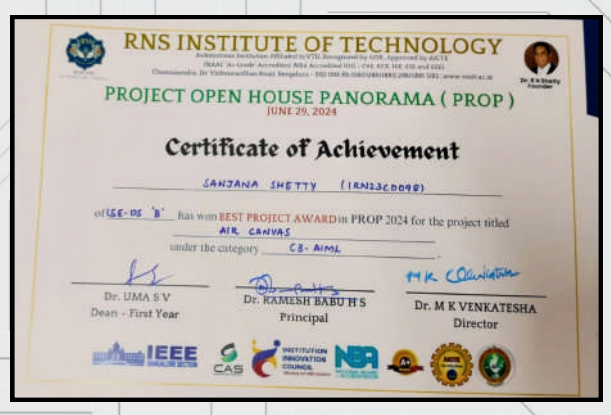
🥇 **Satya Ranjan Sahoo**
1st Place in Street Play, CMR CULTURA 2024



🥈 **Akshit Kumar Mishra**
2nd Place in Wikirace, Araxys 2024



🥈 **Hitashree**
2nd Place in Solo Dane, GESTIONE 2024



🥇 **Sanjana Shetty**
Best Project Award, PROP 2024



Sanjana Shetty
Campus Ambassador, RINEX



Chaitrika M
Sharkathon, AIgnite 2024



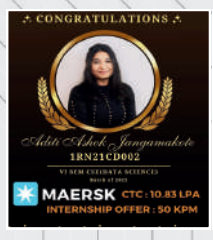
A brilliant team from RNSIT's Department of Data Science in Computer Science - Poorvi T (1RN23CD075), Supritha (1RN23CD046), Betina K(1RN23CD020), and Jeshtha (1RN23CD041) excelled at the GSTN Analytics Hackathon, winning ₹25,000 for their innovative predictive model in GST. Their success showcases dedication, teamwork, and technical brilliance.

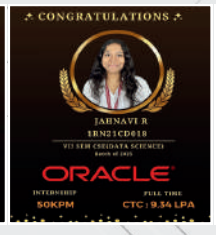
Priyanka S (1RN22CD068) from RNSIT, department of Data Science shone at Microsoft's HerNextGen Meetup on 23rd May 2025, clinching 2nd place in the Quiz Competition. Her brilliant performance brought pride and joy to the department and institution.

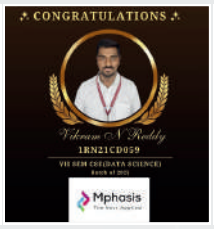


Achievements of Students

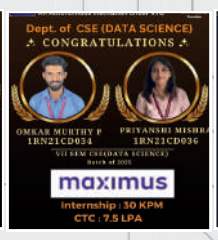
PLACEMENT STATISTICS

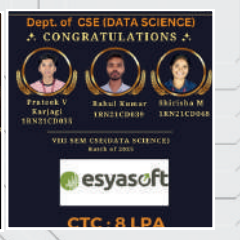












PLACEMENT DETAILS 2025

Sl. No.	Name of the Authors	#Number
1	No. of Offers	81
2	No. of Student Placed	49
3	Highest Package	10.83 PLA
4	Average Package	5.20 PLA
4	No. of Internship	16
5	Internship Package	50KPM

PLACEMENT DETAILS 2026 (ON GOING)

Sl. No.	Name of the Authors	#Number
1	No. of Offers	67
2	No. of Student Placed	50
3	Highest Package	10.34 PLA
4	No. of Internship	39
5	Internship Package	50KPM









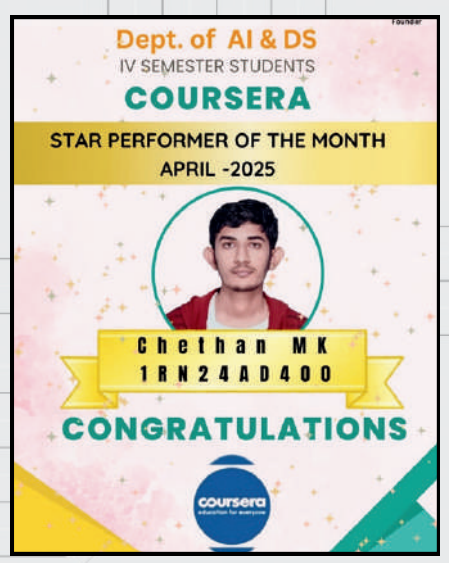
COURSERA STAR PERFORMERS

STAR PERFORMER OF THE MONTH APRIL

SL.NO	NAME	USN	SECTION	NO OF CERTIFICATE COMPLETED
1	1RN23CD012	ANVITH K B G	IV A	5
2	1RN23CD047	KIRANKUMAR K	IV A	5
3	1RN24CD400	CHETHAN M K	IV C	5

STAR PERFORMER OF THE MONTH MAY

SL.NO	NAME	USN	SECTION	NO OF CERTIFICATE COMPLETED
1	1RN24CD404	DHANUSH RAMASWAMY	IV A	8
2	1RN23CD048	KRUPA VASANT B	IV A	5





NPTEL

SL. NO.	SEMESTER	TOTAL NO. OF STUDENTS REGISTERED FOR COURSE	TOTAL NO. OF STUDENTS APPEARED FOR EXAM	PASS
1	8TH - CSE(DS)	6	6	6
2	6TH - CSE(DS)	126	91	69
3	4TH - CSE(DS)	124	121	51
4	2ND - CSE(DS)	13	13	11
5	6TH - AI&DS	63	43	33
6	4TH - AI&DS	60	43	17
TOTAL		**403**	**317**	**187**



STAR PERFORMER

Student Clubs

ESPONICA

CODE CLUB



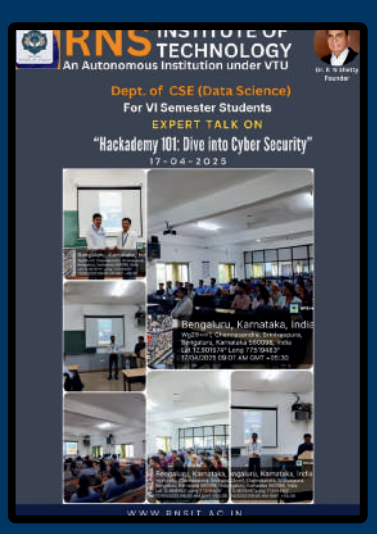




GLIMPSES OF PROJECT EXPO AND WORKSHOP



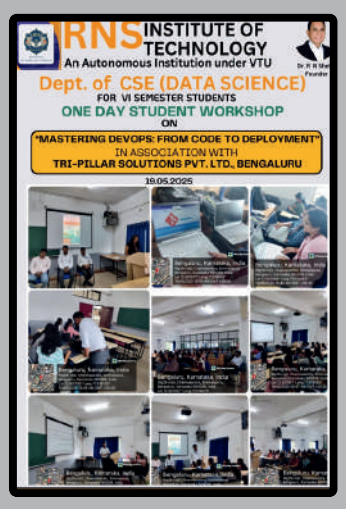




GLIMPSES OF EXPERT TALK/ GUEST LECTURE







GLIMPSES OF FDP/ WORKSHOP / SDP

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Dr. Mohan H S
HOD, Dept. Of CSE(Data Science)



Ms. Pooja R Rao
Asst. Professor



Ms. Krishnaveni
Asst. Professor

STUDENTS



Pranamya G
1RN23CD078



Pragathi J Pastay
1RN23CD076



Poorvi J Tatti
1RN23CD075



Ankith A Udyawar
1RN24CD008



Sanjana Praveen
1RN24CD075



Christo Savio George
1RN24CD019

Department of CSE(Data Science)