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Dr. R N Shetty
Founder

Department Newsletter - DATAVERSE

2025-26 (ODD SEM) Issue - 3

25 RNSIT







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)

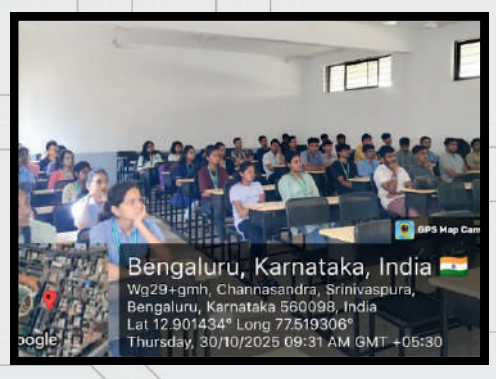


Events

Workshop on Python, MySQL, Git & GitHub

A workshop on “Data Link – Connecting Python with MySQL, Git & GitHub” was conducted for V Semester AI&DS students on 16th October 2025. The session was led by Prem Kumar (1RN23AD034) from the Technical Team, Code Club, and focused on MySQL connectivity, Git & GitHub basics, CRUD operations, and mini-project development through hands-on learning.





Workshop on Agentic AI

A workshop on “Agentic AI” was conducted for 3rd semester students on 31st October 2025. The session was led by Kushaal V G, Manohar Gullapalli, and Karthik Prasad M, covering topics such as AI agents, chatbots, real-world applications, agent architecture, frameworks, and hands-on demonstrations, offering students insights into the evolving field of artificial intelligence.





SAP TechEd – On Tour Bangalore Program

5th semester students participated in the SAP TechEd – On Tour Bangalore Program held at BIEC on 25th and 26th November 2025. The event provided students with exposure to emerging technologies, industry trends, expert sessions, and networking opportunities, offering valuable insights into innovations in the tech industry.









Exploring Quantum Computing

An informative session on “Exploring Quantum Computing” was conducted for 3rd semester students on 30th October 2025. The peer-to-peer learning session, led by Dhanushree H P and G. Janshi of 5th Semester, introduced students to the fundamentals and applications of quantum computing, providing insights into emerging technologies in the field of computer science.





Statistical Machine Learning Subject Activity

As part of the Statistical Machine Learning subject activity, 7th semester students delivered presentations on various topics related to machine learning concepts and applications. The activity provided students with an opportunity to explore key topics, enhance their understanding, and improve their presentation and technical communication skills.





International Webinar on Data Science in Biomedical Engineering

An international webinar on “Data Science in Biomedical Engineering” was conducted for V and VII semester students on 8th October 2025. The session by Manoj Vasantharaj highlighted the role of data science in healthcare, biomedical engineering, medical data analysis, and career opportunities in the field.

Events

Bridge Course – C Programming

A Bridge Course on C Programming was conducted for III Semester Diploma students on 27th September 2025. The sessions were handled by VII Semester students – Dhanya B, Aditi Sanjay Revankar, and Nishvika Nayana Gowda, providing foundational knowledge and practical exposure to C programming concepts.





Industrial Visit to URSC

3rd Semester CSE (Data Science) students explored space science and innovation during an industrial visit to the U R Rao Satellite Centre (URSC), Bengaluru, on 5th December 2025. The visit provided students with insights into satellite technology, space research, and advancements in aerospace innovation.





Faculty Development Program on OBE & NBA Awareness 3.0

A one-day Faculty Development Program on “OBE & NBA Awareness Program 3.0” was conducted on 29th December 2025 in accordance with the new NBA SAR guidelines. The program aimed to enhance faculty understanding of Outcome-Based Education (OBE) and the NBA accreditation process.





Project Expo 2.0

Project Expo 2.0 showcased the innovation and talent of 5th and 7th semester Data Science students at RNSIT. The event highlighted creative projects, technical skills, and problem-solving abilities, providing a platform for students to present their ideas and achievements.





International Seminar on Autonomous Vehicles

An international seminar on “Perception to Planning: Current Frontiers in AV and its Research” was conducted for 3rd semester students. The session was delivered by Mr. Kaustubh Harapanahalli, providing insights into perception techniques such as object detection, localization, and sensor fusion in autonomous vehicles.





Expert Talk on Real-World AI Applications

An engaging expert talk on real-world AI applications was conducted for 1st semester Data Science students on 8th December. The session by Gokulnath V, alumnus of CSE (DS), provided valuable insights into practical AI applications and emerging opportunities in the field.

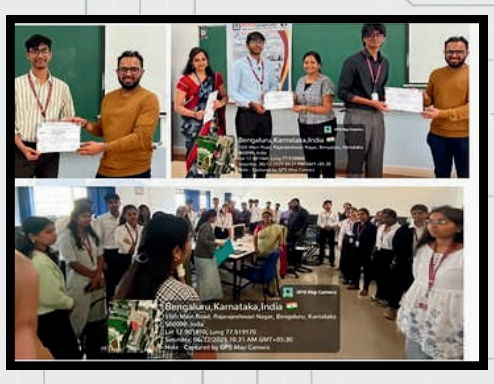




Data Analytics with R Subject Activity

A R Programming Bingo activity was conducted for 3rd semester Data Science students as part of a subject activity. The event promoted active learning, teamwork, and engagement while strengthening students’ understanding of R programming concepts.





Faculty Achievements

Patents

Faculty Name	Title	Status
Dr. S J Savita	Edge Integrated IoT System for Industrial Fault monitoring and safety management	Published
Dr. Mahantesh K	NeuroVision: Deep Learning and BCI for AI enabled Assistive Devices	Published
Dr. Naveen L	Dog Safety System- An IoT-Enabled safety system for real-time canine health and hazard alerts.	Published
Dr. Mohan H S	Jeevadhara- An AI Enabled Application connecting Senses for Disabled People	Published
Dr. Sreevidya R C	Automated Detection of Leaf Diseases in Grape Plant	Published

International Recognition at IEEE TALE 2025



Dr. Sreevidya R C served as a Session Chair for "Computing Engineering and STEAM Education" at IEEE TALE 2025, held at Macau Polytechnic University, Macau, China. She also presented her research paper titled "Learning Engagement and Adaptation Platform (LEAP): An LSTM-Based Approach Leveraging VARK Learning Preferences", co-authored with Harsha S, Dr. Priyanga P, and Dr. Bhavanishankar K, showcasing innovative research in education technology.

Faculty Achievements

Research Grants

Principal Investigator	Title	Agency	Sanctioned Amount
Dr. Mahantesh K	A Haptic-Assisted Rehabilitation Glove for Medical Therapy	URF - RNSIT	12,500.00/-
Dr. Savita S J	Development of a Low-Cost Real Time ICG Imaging and Visualization System for Intraoperative Tumour Margin Identification	Internal Seed from RNSIT	35,000.00/-
Dr. Mahantesh K	Transformer-Based EEG Emotion Recognition Using Differential Entropy Features on the SEED-IV Dataset	KSCST-IISC	6000.00/-
Ms. Smitha B A	CerebralChat: A Hybrid 3D-CNN and BiLSTM Model for Imagined Speech Recognition from EEG Signals	KSCST - IISC	5,000.00/-

Wipro DB Solutions Expertise Program



Two faculty members from the Department of CSE (Data Science), Dr. Naveen L and Ms. Ashwini M R, successfully participated in the WIPRO Certified Faculty Program on DB Solutions Expert, conducted by TalentNext from 10–28 November 2025. Their participation reflects the department's commitment to strengthening faculty expertise in emerging technologies and industry-relevant skills.

Faculty Achievements

NPTEL





Anu Mathews
Silver in Python for Data Science
Topper 2%



Pooja R Rao
Silver in Introduction to Machine Learning
Topper 2%



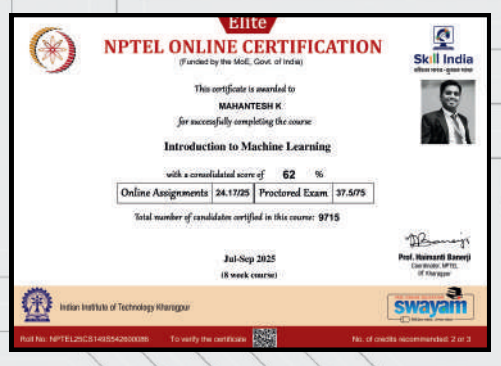
Smitha B A
Silver in Introduction to Machine Learning
Topper 2%



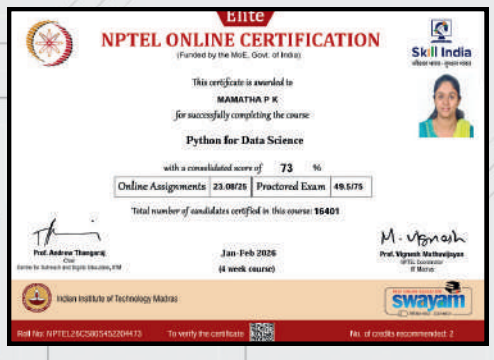
Kavya K N
Elite in Data Analytics with Python



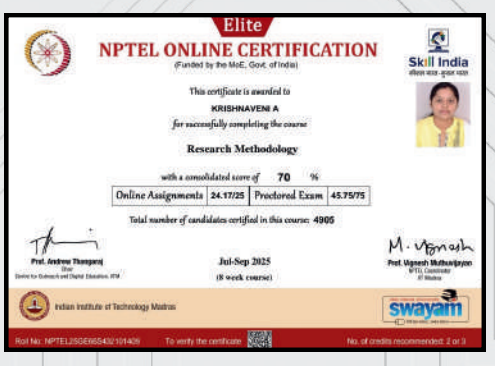
Ashwini Rayannavar
Elite in Python for Data Science



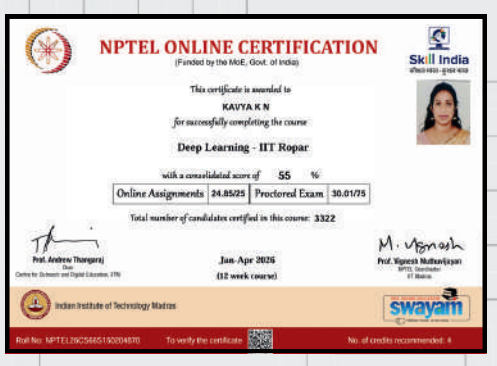
Mahantesh K
Elite in Introduction to Machine Learning



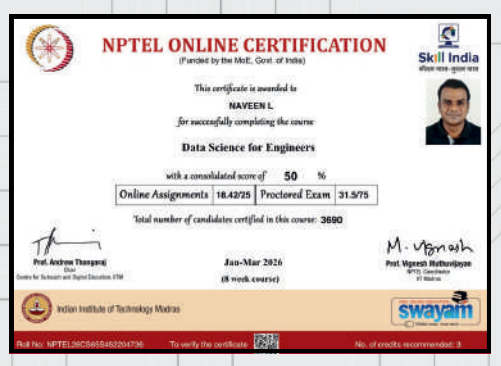
Mamatha P K
Elite in Python for Data Science



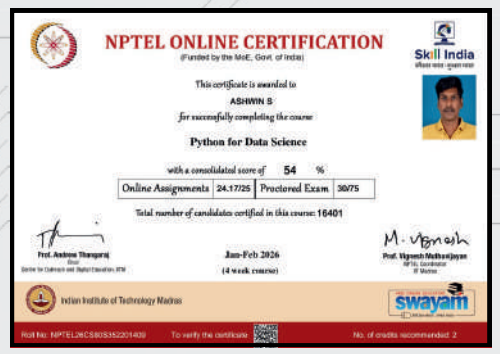
Krishnaveni A
Elite in Research Methodology



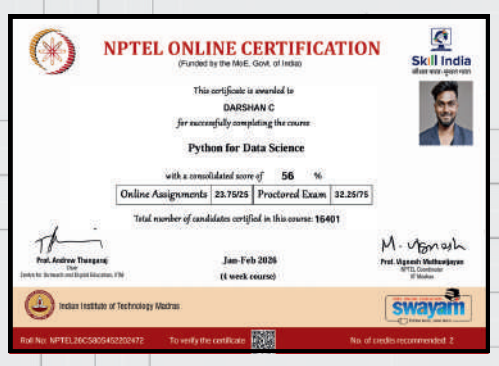
Kavya K N
Deep Learning - IIT Ropar



Naveen L
Data Science for Engineers



Ashwin S
Python for Data Science



Darshan C
Python for Data Science

Achievements of Students

SPORTS ACHIEVEMENT



🥈 Shreya H S
2nd in VTU State Level
Judo Championship



🥇 Shreya H S
1st in VTU State Level Wrestling
Championship



Ekatra Inter-Collegiate Sports & Cultural Fest
Football
🥈 Runners Up



Shreya Ragghavan M S
All India Inter University South Zone games
VTU Cricket Team



Shreya H S
Selecteed - All India Inter University games
VTU - Wrestling

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	87.31	
2023-2027	91.12	92.8	88.40	90.57	80.43			
2024-2028	95.57	92.85	82.60					
2025-2029	94.19							







Achievements of Students

EXTRACURRICULAR ACTIVITY



🥇 **Karthik N H**
1st in PyQuest coding challenge



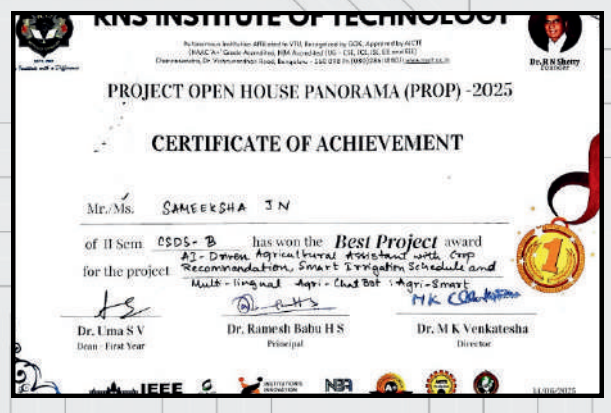
🥇 **Christo Savio George**
1st in PyQuest coding challenge



🥇 **Sameeksha J N**
1st in Folk Orchestra, VTU Fest '25



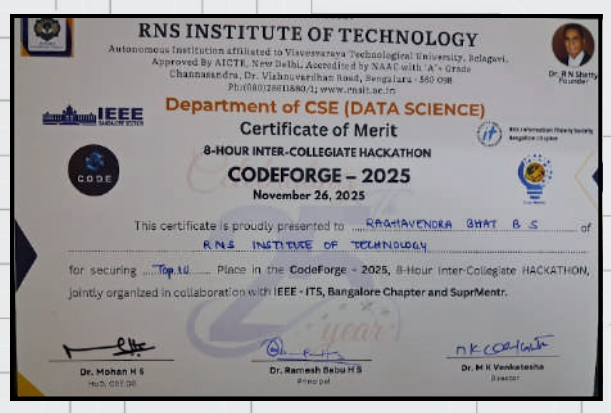
🥈 **Sanchitha Kulkarni**
2nd in Western Vocal Solo, Parichay '25



🥇 **Sameeksha J N**
Best Project Award, PROP 2025



🥈 **Sameeksha J N**
2nd in Folk Dance, VTU Fest '25



Raghavendra Bhat
Top 10 in Codeforge '25 Hackathon



🥇 **Raghavendra Bhat**
1st in C Programming Hackathon



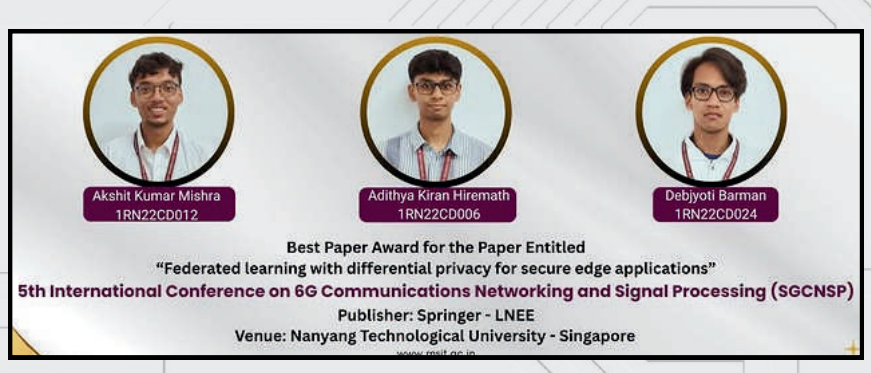
🥇 **Ankith A Udyawar**
Best Project Award, PROP 2025



🥇 **Aishwarya N Murthy**
Best Project Award, PROP 2025



🥇 **Lahari M.S**
Winner in Logo Design Contest



🥇 **Akshit Kumar Mishra, Adithya Kiran Hiremath & Debjyoti Barman**
Best Paper Award at the 5th International Conference on 6G Communications Networking and Signal Processing (SGCNSP), Singapore.

A team of V Semester students – Pallab Sarangi, Om Shree Choudhary, Piyush Awadhiya, Sanjana Shetty, Yash Sharma, and Rakin Mohammed Rafeeq achieved a remarkable milestone by emerging as winners of the Smart India Hackathon (SIH) 2025 – Software Edition Grand Finale, held at R.M. Institute of Management and Technology, Ghaziabad, on 8th-9th December 2025. Guided by Dr. Abhijith H V, the team showcased innovation, teamwork, and technical excellence, securing a cash prize of ₹1,50,000 and bringing pride to the department and institution.



Achievements of Students

PLACEMENT STATISTICS



PLACEMENT DETAILS 2026 (ON GOING)

Sl. No.	Name of the Authors	#Number
1	No. of Offers	87
2	No. of Student Placed	65
3	Highest Package	10.83 LPA
4	No. of Internship	53
5	Internship Package	50KPM

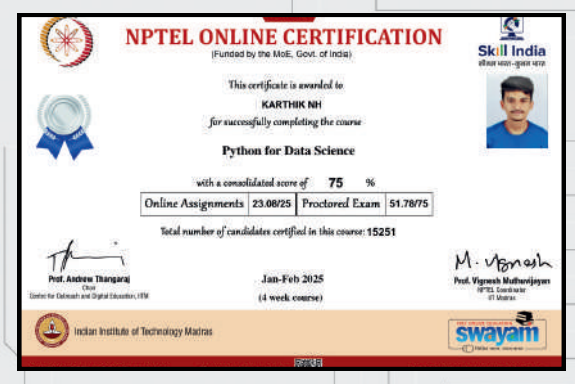
PLACEMENT DETAILS 2025

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	28
5	Internship Package	50KPM

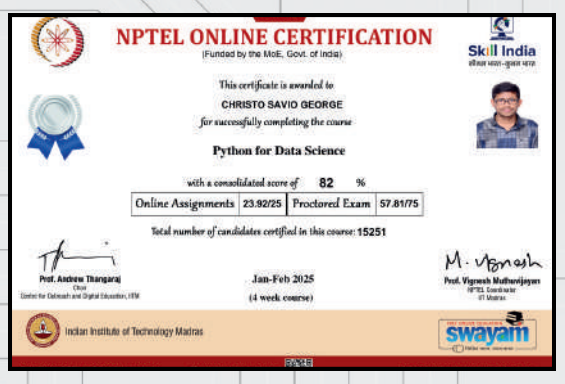
NPTEL



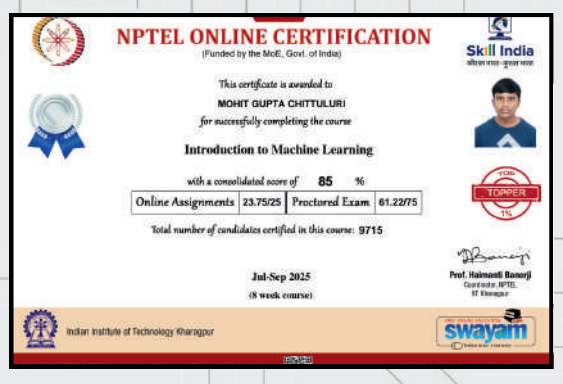
Akshay Jadhav
NPTEL Believer Achievement



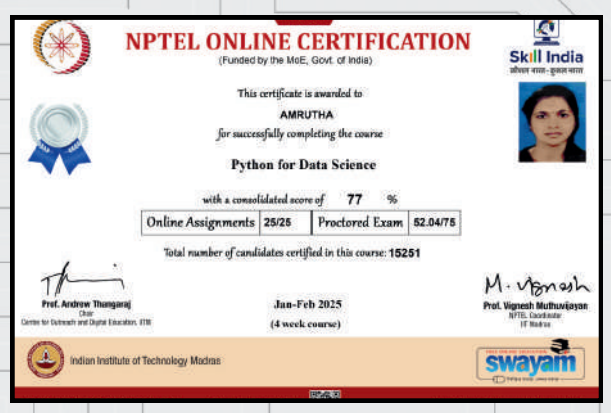
Karthik NH
Silver in Python for Data Science



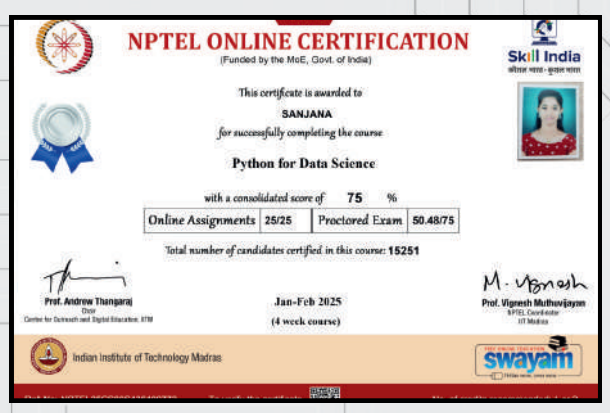
Christo Savio George
Silver in Python for Data Science



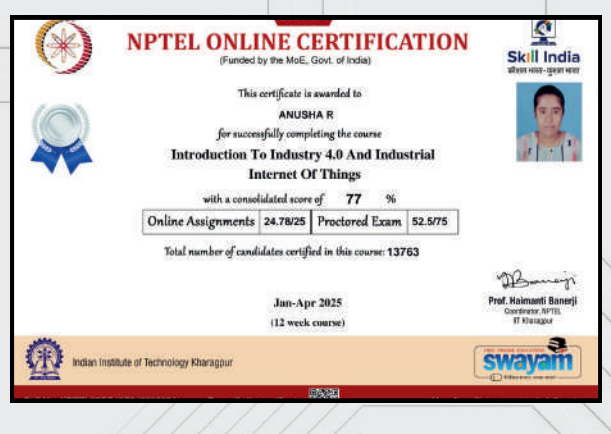
Mohit Gupta Chittuluri
Silver in Introduction to Machine Learning



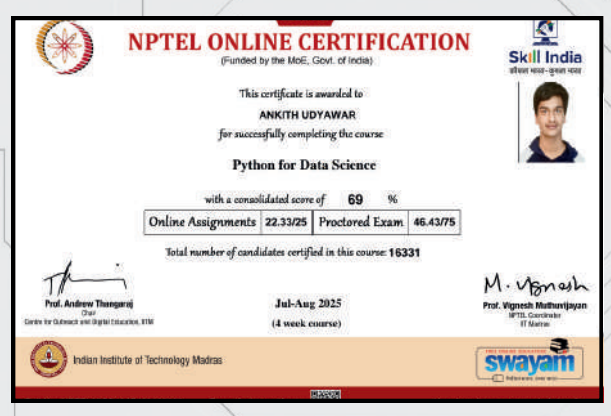
Amrutha
Silver in Python for Data Science



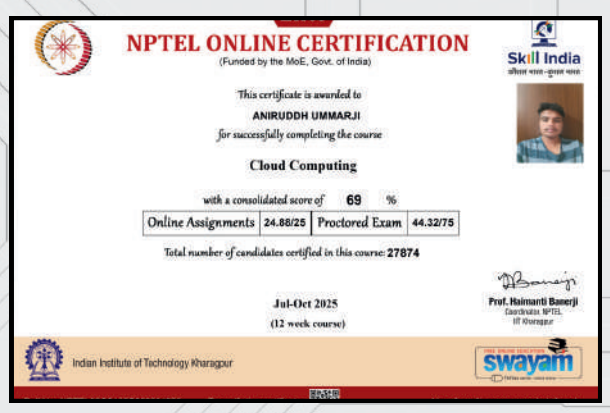
Sanjana
Silver in Python for Data Science



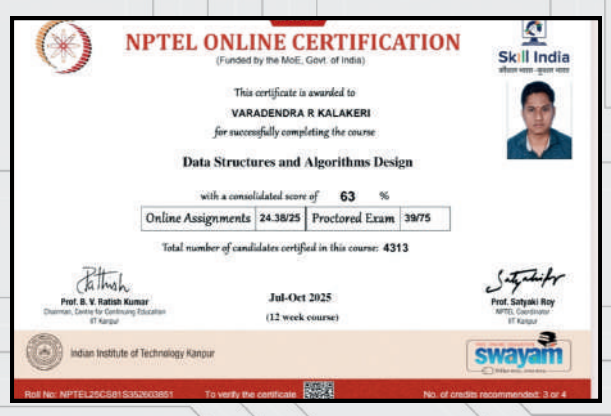
Anusha R
Silver in Introduction to Industry 4.0 & IoT



Ankith A Udyawar
Elite in Python for Data Science



Aniruddh Ummarji
Elite in Cloud Computing



Varadendra R Kalaeri
Elite in Data Structure and Algorithms

Student Clubs

ESPONICA

CODE CLUB



WORKSHOP BY CODE CLUB



HACKATHON BY CODE CLUB



AYUDHA POOJA BY ESPONICA

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Asst. Professor



Ms. Krishnaveni
Asst. Professor

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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)