

Student and Mentors Achievement

Department of Computer Science and Engineering

2024-2025



IDEASPARK at INGENIUM 2025

Description: Innovation meets Entrepreneurship at GNIT! Guru Nanak Institute of Technology proudly hosted INGENIUM – the Inter-Institutional Technical Innovation & Business Plan Pitch Competition. Winner of Idea Spark 2025 at Ingenium. Demonstrated Ideas to improve traditional agricultural practices with Technology of AI Agents and LLMs.

Award: Winner

Student name: Raj Kumar Singh (Leader), Unnati Narayan, Sneha Mishra

Faculty Mentor: Dr. Ananjan Maiti, Mr. Dipankar Basu

Place: Guru Nanak Institute of Technology

Date: 23rd-24th April, 2025



JIS - IDEA JAM 2025

Description: Champion Team of JIS IDEAJAM 2025 where the team conquered every challenge and won the title. The idea was to add innovation and regularity on water footprints and a digital library to build India's first Irrigation Scheduler.

Award: Winner

Student name: Raj Kumar Singh (Leader), Unnati Narayan, Sneha Mishra, Pritiraj Ghosh

Faculty Mentor: Dr. Ananjan Maiti, Dipankar Basu

Place: Dhanno Dhanya Auditorium, Kolkata

Date: 11th March 2025





SMART INDIA HACKATHON 2024 (Software Edition)

Description: Smart India Hackathon (SIH) 2024 is a nationwide innovation competition organized by the Government of India, bringing together students to solve real-world problems posed by ministries and industries. National runner up team of Smart India Hackathon 2024 Software Edition. Demonstrated our tech skills and team work with 36 hours of non-stop coding.

Award: **Winner**

Student name: Raj Kumar Singh (Leader) , Unnati Narayan , Sneha Mishra , Sauradeep Sarkar , Yash Vijay Sain , Abhishek Kumar Thakur

Faculty Mentor: Dr. Ananjan Maiti, Mr. Dipankar Basu

Place: Ramaiah University of Applied Science, Bangalore

Date: 11-12th December, 2024



Student Certificate



Mentor Certificate



Annual Regional Meet 2024

Description: Expanding horizons at ARM 2024! ACM India East & North-East's regional meet at TCS Kolkata offered insightful sessions, expert panel discussions, and meaningful connections. Kudos to ACM Kolkata Chapter for organizing a fantastic event! ACM Tata Consultancy Services.

Award : **Participation**

Faculty Mentor: Dr. Ananjan Maiti

Student name: Raj Kumar Singh, Unnati Narayan , Sneha Mishra

Place: ACM TCS Kolkata

Date: November, 2024



BIZATHON 2024

The Ultimate Business Ideathon by Ecell, IIT(ISM)Dhanbad Concetto

Description: National Finalist and runner up of Bizathon 2024. This was a business Strategy Marathon where we presented a full working gaming prototype to re imagine the education system.

Award : 1st Runner-Up

Faculty Mentor: Mr. Sourish Mirta

Student name: Raj Kumar Singh, Unnati Narayan , Sneha Mishra

Place: IIT (ISM) Dhanbad

Date: 19th October-20th October, 2024



Student Certificate



Mentor Certificate



Samatva 2024

Description: Winner of Competitive Coding Contest Samatva 2024.

Award : **Winner**

Student name: Raj Kumar Singh, Unnati Narayan , Sneha Mishra

Faculty Mentor: Ms. Nilanjana Adhikary

Place: Guru Nanak Institute of Technology

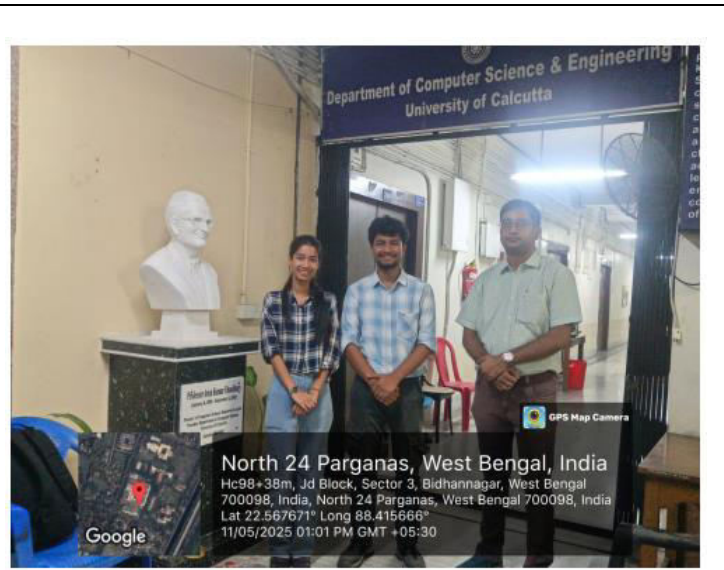
Date: 19th-20th September, 2024



Student Certificate



Mentor Certificate



TATA IMAGINATION CHALLENGE 2024

Description: The Tata Imagination Challenge 2024 is a premier, multi-stage competition inviting college students and Tata employees across India to submit innovative ideas that solve real-world problems and improve societal systems.

Award: 1st Runner-up

Faculty Mentor: Dr. Sayan Nath

Student name: Unnati Narayan

Place: ONLINE

Date: 26th October, 2024 - 10th November, 2024

ACM UG PROJECT CONTEST 2025

Description: The ACM Kolkata Chapter is organizing the UG Project Contest in Computing 2025 for undergraduate students in CS/IT or allied streams, with final presentations scheduled for May 11, 2025, at the University of Calcutta, Salt Lake campus. GNIT students have presented an Agentic AI based UG Project.

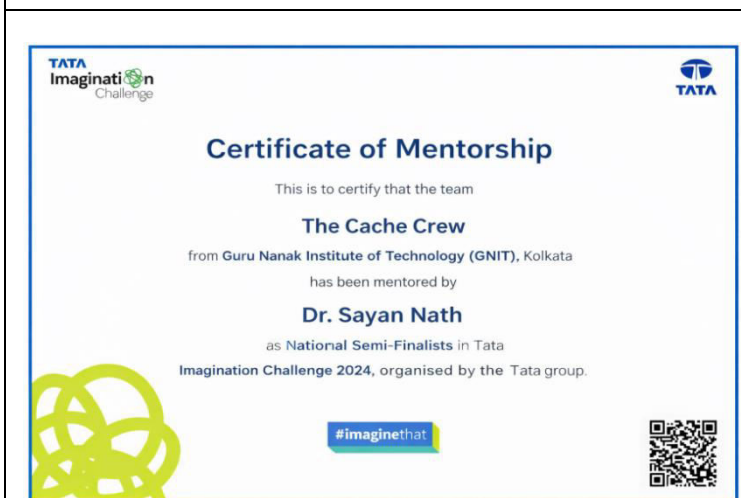
Award: 1st Runner-up

Faculty Mentor: Dr. Ananjan Maiti, Dipankar Basu

Student name: Raj Kumar Singh, Unnati Narayan, Sneha Mishra

Place: CALCUTTA UNIVERSITY, Kolkata

Date: 11th May, 2025



Mentor Certificate

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EUREKA PITCHING COMPETITION 2024

College Edition by EDC of GNIT and E-CELL OF IIT Bombay

Description: EUREKA Pitching Competition 2024 – College Edition, organized by EDC of GNIT in collaboration with E-Cell IIT Bombay, is a platform for aspiring entrepreneurs to present their innovative startup ideas. The event encourages students to refine business models, gain expert feedback, and compete for recognition at a prestigious entrepreneurial forum.

Award: 1st Runner-up

Faculty Mentor: Dr. Ananjan Maiti, Dipankar Basu

Student name: Raj Kumar Singh, Unnati Narayan, Sneha Mishra, Sauradeep Sarkar, Yash Vijay Sain, Abhishek Kumar Thakur.

Place: Guru Nanak Institute of Technology

Date: 1st October, 2024



IETF 122 Hackathon

Description: IETF 122 Hackathon Participant (Debarghya Bhattacharyya) Contributed to open internet standards development by collaborating with global experts to build and improve real-world protocol implementations during the IETF 122 Hackathon.

Faculty Mentor: Mr. Dipankar Basu

Student name: Debarghya Bhattacharyya.

Place: Bangkok, Thailand

Date: 15th-16th March, 2025

HOME ABOUT RESEARCH RESOURCES COMMUNITY HOST AIORI DNS IN A BOX

IETF 122: Hackathon Participation

India at IETF 122 - From Hackathon to Global Standards

Overview

AIORI 1's journey culminated with its winning teams—Red Relay and SecureNet Innovators—presenting at the IETF 122 Hackathon, the world's premier forum for Internet standards development. The AIORI-IMN team and AIORI 1 Hackathon winners worked on implementing RFC 8250 in AIORI-IMN platform and participated in IETF 122 hackathon as champions.

Project Focus

Evaluating DNS Server Performance using IPv6 PDM (RFC 8250)

HOME ABOUT RESEARCH

Dipankar Basu

Raja Karmakar

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Department of Computer Science and Engineering

2023-2024



SMART INDIA HACKATHON 2023 (Software Edition)

Description: Participated in a national-level hackathon, collaborating within a team to design and develop an innovative software solution for a real-world problem statement. Engaged in problem analysis, system design, and rapid prototyping. Enhanced skills in teamwork, problem-solving, and technical implementation.

Award: Participating at Grand-Finale

Faculty Mentor: Dr. Ananjan Maiti

Place: Amravati, Nagpur

Date: 19th-20th December, 2023



Smart Bengal Hackathon (SBH) - 2024



Certificate of Participation

Mr./Ms. .

Swagata Das, Sreemoyee Dutta, Aritra Chakraborty, Suvodeep Guria, Abhradeep Pal,
Monotapa Bhattacharya

of

Guru Nanak Institute Of Technology

has participated and demonstrated their innovative idea and developed prototype
at Smart Bengal Hackathon 2024, organized by RCC Institute of Information
Technology, Kolkata; supported by Department of Information Technology and
Electronics, Govt of West Bengal, during 16th - 17th April 2024

Prof. (Dr.) Anirban Mukherjee
Principal in-charge, RCCIIT

Prof. (Dr.) Indrajit Pan
President-IIC, RCCIIT

Prof. (Dr.) Debasish Mondal
Convener-IIC, RCCIIT
Chief Convener, SBH 2024



The Robotics Society

SMART BENGAL HACKATHON 2.0 (Software-Open Innovation)

Description: Participated in a state-level innovation challenge, collaborating in a team to develop a software-based solution for an open-ended problem statement. Contributed to ideation, design, and implementation under time constraints. Strengthened problem-solving, creativity, and teamwork skills.

Faculty Mentor: Dr. Sayan Nath

Student name: Swagata Das, Sreemoyee Dutta, Aritra Chakraborty, Suvodeep Guria, Abhradeep Pal, Monotapa Bhattacharya

Place: RCCIIT, Kolkata

Date: 16th April 2024-17th April 2024

Smart Bengal Hackathon (SBH) - 2024



Certificate of Participation

Mr./Ms.

Raj Kumar Singh, Bhavya Anand, Unnati Narayan, Abhishek Kumar Thaur, Som Roy, Prithiraj Ghosh

of

Guru Nanak Institute of Technology

has **participated** and **demonstrated** their innovative idea and developed prototype at Smart Bengal Hackathon 2024, organized by RCC Institute of Information Technology, Kolkata; supported by Department of Information Technology and Electronics, Govt of West Bengal, during 16th - 17th April 2024

Prof. (Dr.) Anirban Mukherjee
Principal In-charge, RCCIIT

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The Robotics Society

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Description: Participated in a state-level innovation challenge, collaborating in a team to develop a software-based solution for an open-ended problem statement. Contributed to ideation, design, and implementation under time constraints. Strengthened problem-solving, creativity, and teamwork skills.

Faculty Mentor: Dr. Ananjan Maiti, Dipankar Basu

Student name: Raj Kumar Singh, Bhavya Anand, Unnati Narayan, Abhishek Kumar Thaur, Som Roy, Prithiraj Ghosh

Place: RCCIIT, Kolkata

Date: 16th April 2024-17th April 2024



EY Techathon 4.0

Description:

Participated in a competitive innovation challenge focused on solving real-world business and technology problems. Collaborated in a team to design and present a technology-driven solution within defined timelines. Enhanced skills in analytical thinking, problem-solving, and teamwork.

Faculty Mentor: Mr. Rafiqul Islam

Student name: Bipronil Ghosh, Debjoty Chandra

Place: World Technology Center, Bengaluru

Date: 8th February, 2024



Student and Mentors Achievement

Department of Computer Science and Engineering

2022-2023



Smart India Hackathon (Team Amateurs) Software Edition 2022

Award: Winner

Faculty Mentor: Tridib Chakraborty (IT), Mr. Amrut Ranjan Jena (CSE)

Student name: Arnab Chowdhury, Rishav Gupta, Arghyadip Biswas, Manish Das, Madhumita Dutta, Vaskar Paul

Place: NIT-Silchar

Date: 25th-29th August, 2022



Student Certificate



Mentor Certificate



Smart India Hackathon 2022 (Software Edition-22)

Description: Smart India Hackathon 2022 (Software Edition-22): Participated in a national-level innovation challenge, collaborating within a team to develop a software-based solution for a real-world problem statement. Engaged in problem analysis, solution design, and rapid prototyping. Strengthened skills in teamwork, creativity, and practical problem-solving.

Award: **Grand-Finale**

Faculty Mentor: Dr. Rupak Chakraborty, Mr. Nirupam Saha

Student name: Suravi Ghosal, Jatin Madaan, Tapas Saha, Debajyoti das, Rishav Gossain, Rajarshi Chanda

Place: Pullaiah College of Engineering and Technology, Kurnool, Andhra Pradesh

Date: 25th-29th August, 2022



Mentor Certificate



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