

TECH TIMES



GLOBAL ACADEMY OF TECHNOLOGY



COMPUTER SCIENCE AND ENGINEERING AY: 2024 - 2025

NEWSLETTER

Showcase and strengthen the CSE community by communicating impactful research, learning opportunities, achievements, and industry/alumni connects—building a culture of innovation, ethics, and collaboration.

[Read More on our website](#)

12 SEPTEMBER, 2025

COMPUTER SCIENCE AND ENGINEERING

TECH TIMES



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GAT VISION & Mission

VISION

Become a premier institution imparting quality education in technology and management to meet the changing needs of people, planet and industry.

MISSION

Create a dynamic learning environment that fosters innovation, ethical values, and sustainability through quality education, research, and industry collaboration.

Shaping the next 25 years of innovation, growth, and impact. Empowering a new generation to lead, create, and transform the future.

[Read More on our website](#)

● Why GAT?

Industry-Aligned Curriculum: Designed for the world of AI, automation, and digital transformation.

Sustainability Focus: Creating a green, responsible campus.

Research-Driven Learning: Encouraging students to solve real-world problems.

Global-Standard Placements: Connecting students to top companies and startups.



Dr . Balakrishna H. B

"At GAT, we foster innovation, ensure quality education, and nurture holistic growth. We aim to continuously evolve, striving for excellence with compassion."

It is my pleasure in congratulating the editorial board on this pleasant occasion of releasing the newsletter for the period. It is great to find a considerable number of achievements in co curricular and extracurricular activities which certainly prove that our staff and students are adequately equipped and possess necessary skill sets to bring such laurels to the institution. I wish that this number may grow in the years to come. I am sure that publishing a newsletter of this sort containing the achievements of the wards will be recognition to them and I wish them all the very best for future endeavors.



Dr . Balakrishna H.B
Principal, GAT



Dr. Kumarswamy S
HOD, Dept. of CSE

I am very glad to announce that our department is successfully releasing the newsletter. Proper communication plays a vital role in the development of a dept. This newsletter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. It would be a snapshot of the various activities and achievements of Dept.



● Why Choose CSE at GAT?

Experienced Comprehensive Learning Resources

A rich department library, e-learning platforms, and industry partnerships ensure a dynamic and flexible learning experience.

Experienced Faculty

Learn from highly qualified educators and industry experts guiding students in academics, research, and real-world problem-solving.

Experienced Facilities

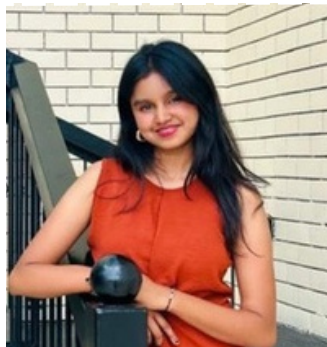
Access cutting-edge labs and research centers, including

Message from Editors

We are delighted to present to you the CSE Department Newsletter – TECH TIMES for the academic year 2024-2025. This edition showcases the remarkable talents, dedication, and accomplishments of our students and faculty, highlighting their contributions to both academic and extracurricular pursuits. We aim to inspire, inform, and empower our community, encouraging each of you to strive for excellence and reach new heights in your endeavors. We appreciate your time and interest in this newsletter and hope it fuels your passion for learning and growth. Happy Reading!



Prof. R C Ravindranath
Assistant Professor



Chinmayee Sai
1GA22CS042



Deeksha R Hebbar
1GA22CS048



Joanna Natalie R
1GA22CS080



Krishnakanth H Pawar
1GA22CS088



Mahika R
1GA22CS098



Prerana Sseshadri
1GA22CS122

WHAT'S IN ?

2025 NEWSLETTER



- **About GAT**
- **About Dept of CSE**
- **Student Achievements**
- **Faculty Achievements**
- **Placement Details**
- **Publications**
- **Project Founds**
- **Events Organized**
- **Industrial Vists**
- **VAC and SDP**
- **Center of Excellence**
- **Outreach Programme**
- **Students Club and Chapter**
- **Sports, Poetry & Art works**



ABOUT GAT

Global Academy of Technology (GAT), established in the year 2001, is one of the most sought-after engineering and management colleges in Rajarajeshwari Nagar, Bengaluru, Karnataka. Located in a sprawling campus of 10-acre land, GAT is a campus ideal for students to hone their academics in an atmosphere of optimism

GAT provides ample amount of opportunities for various curricular and extra-curricular activities for the students. The campus brims with more than 3500 students and 300 experienced staff involved in effective teaching and learning process. Academics is supplemented with mentoring, peer learning and counselling to ensure holistic development of students. GAT has academic alliances with various institutions, industries, and research organizations to provide industry perspective to the students



ABOUT DEPARTMENT



The Department of Computer Science at Global Academy of Technology is focused on disseminating the most updated and sophisticated technical knowledge to the students who enroll in the course. The Department has well experience and quality faculty to guide the students through their academic endeavours.

The Department also has excellent classrooms and well equipped laboratories along with a rich collection of books in the department library. We also possess extensive e-learning opportunities the provide students a flexible and seamless learning experience. We also have an efficient Research and Development Centre, Big Data Analytics Lab and an IoT lab in association with CDAC. The department not only offers scope for research and study but also provides ample opportunities for holistic development of our students. Every student is given an exclusive computer system to carryout laboratory work and projects. The department has high speed internet connectivity with Wi-Fi access.

CSE DEPARTMENT

VISION

To achieve academic excellence and strengthen the skills to meet emerging challenges of computer science and engineering.

MISSION

M1: To impart strong theoretical foundation in the field of Computer Science and Engineering accompanied with extensive practical skills

M2: To inculcate research and innovation spirit through interaction with industry and carry out projects that address societal needs

M3: Instill professional ethics and values with concern for environment

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: Succeed in Engineering/Management positions with Professional Ethics.

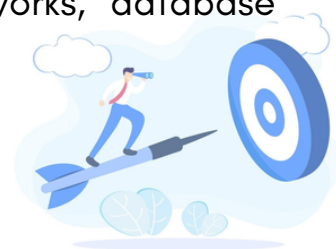
PEO2: Engage in improving professional knowledge through Certificate/Post Graduate programs in Engineering or Management.

PEO3: Establish themselves as Entrepreneurs and contribute to the Society

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO1: Design, Implement and test system software and application software to meet the desired needs.

PSO2: Develop solutions in the area of communication networks, database Systems and computing systems



ACHIEVERS





Rank 1

DEEKSHA R
1GA21CS047
CGPA 9.78



Rank 2

CHANDRASHEKAR
1GA21CS042
CGPA 9.77



Rank 3

RAKSHITHA L H
1GA21CS119
CGPA 9.7



Rank 4

MANYAS
1GA21CS090
CGPA 9.69



Rank 5

RAHUL L
1GA21CS188
CGPA 9.67



Rank 6

R SYED SUFFIYAN
1GA21CS113
CGPA 9.67



Rank 7

VIDYASHREE R
1GA21CS178
CGPA 9.64



Rank 8

SANJEEV GOSAI
1GA21CS134
CGPA 9.64



Rank 9

CHITHRA N
1GA21CS046
CGPA 9.64



Rank 10

KISHORE K
1GA22CS410
CGPA 9.64



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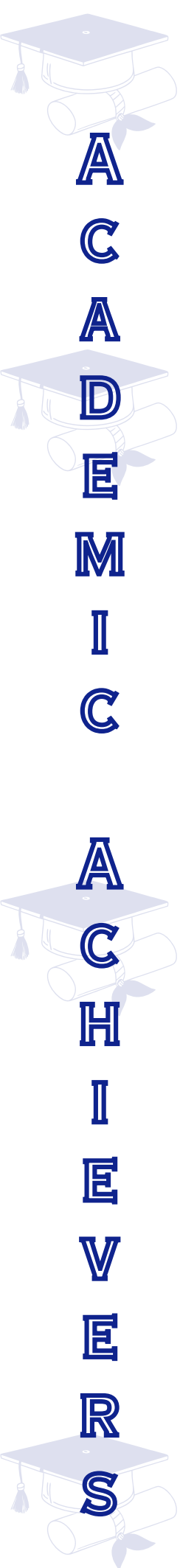


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Congratulations





Congratulations

B.E. Honours



CGPA 9.04

ANURITHA JUTURU
1GA21CS026



CGPA 9.38

CHETHANA M
1GA21CS044



CGPA 8.75

G DHARMIKA
1GA21CS055



CGPA 9.26

LOKAGHNA P
1GA21CS083



CGPA 9.50

MOULYAA S
1GA21CS095



CGPA 9.00

PARTHA H S
1GA21CS107



CGPA 8.34

PUNYAS
1GA21CS111



CGPA 9.32

RAJARAJESWARIT
1GA21CS114

TOTAL CREDITS: 18



Congratulations

B.E. Honours

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CGPA 8.73

RAMYA BAGEPALLI
1GA21CS123



CGPA 9.54

SHWETHA S
1GA21CS143



CGPA 9.56

SPOORTHI K M
1GA21CS149



CGPA 9.03

SUCHITHA U
1GA21CS154



CGPA 8.78

TANISHA SHETTY
1GA21CS166



CGPA 8.04

VYSHNAVI G R
1GA21CS184



CGPA 9.30

ASHOKA G N
1GA22CS403

TOTAL CREDITS: 18

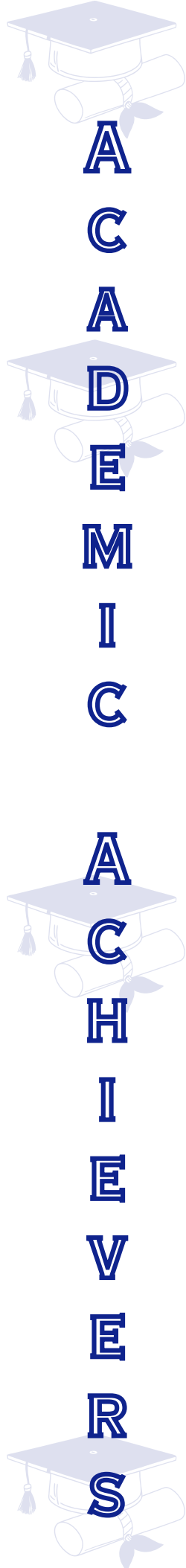


Congratulations

NPTEL STARS



List of NPTEL Star of JUL-DEC 2024				
S.no	USN	Name	NPTEL Star	Timeline
1	1GA22CS006	ADAM AHMED YAHYA	NPTEL_DOMAIN_SCHOLARS	Jul-Dec 2024
2	1GA22CS006	ADAM AHMED YAHYA	NPTEL_DISCIPLINE_STARS	Jul-Dec 2024
3	1GA22CS006	ADAM AHMED YAHYA	NPTEL_MOTIVATED_LEARNERS	Jul-Dec 2024



Bhavya Bhosale [1GA21CS037]

Recognition: **Third Place**—Corporate Hackathon by Alkimi, **First Place**—Tech Triathlon by ITV CSE Dept. & TechFusion: Technical Quiz by AIML Dept., **Top 5 Finalist**—National Hackathon by INDEGENE, **Award for Technical Contributions**—Website & Application Development, **Highest Placement Package** (₹15 LPA)—SDE Role at Target Corporation, **Top Performer Award**—Placement Training Program.

**Krishna P N [1GA21CS078]**

Recognition: Invited by **Tirumala Tirupati Devasthanams** (TTD) under the **Dasa Sahitya Project** for Bhakti Geethalapana (Devaranama) during Unjal Seva at Srivari Temple, Tirumala. Participation is a recurring honor, with **invitations received every 3 months for the next 5 years**. **Graduate Software Engineer at Paybooks Technologies Pvt. Ltd.**

**Manya S [1GA21CS090]**

Recognition: **First Place**—Western Group Dance Competition held at Genesys 3.0 by CSE Dept., Western Group Dance & DUO Dance competition held at INTERACT 2024. elected as **Kalaparva Secretary** for the academic year 2024-25. Served as a **Convener** for the 24th VTU Youth Festival held at GAT and was awarded a **Certificate of Excellence** for outstanding contribution.

**Likhith Raj V [1GA21CS080]**

Recognition: **Third Place**—AD3X Innovation Hackathon, **First Place**—Western Group Dance Competition held at Genesys 3.0 by CSE Dept., **Jury Member**—Techavishkar 2.0 (National Hackathon, ATME Mysore), **Received IET NextGen Innovator Award 2025**. **Core Committee & Tech Lead** - 24th VTU Youth Fest 2025 & Hack-A-League 3.0 (National Hackathon), **Young Professional Member**—IET. Graduate Software Engineer at Cognizant.

**Abhay Surya L R [1GA21CS006]**

Recognition: **Third Place**—AD3X Innovation Hackathon, **Runner-Up**—IBM Z Datathon (Bangalore Region). Served as a **Convener** for the 24th VTU Youth Festival held at GAT.





Karthik Mandigiri [1GA21CS074]

Recognition: **1st Place** with cash of Rs. 15000—ML Matrix A 24 Hour National Level Hackathon, organized by BMSCE Bengaluru.

**alumnus - Bharath R[1GA20CS023], H
U Ujwal[1GA20CS054], Chandan
K[1GA20CS034] and
Rakshith H R[1GA21CS117]**

Recognition: The paper titled "Advancing Marine Species Detection: A Comparative Analysis of YOLOv5 and YOLOv8 in Challenging Underwater Environment" has been conferred as **BEST PAPER** among the papers presented in the technical Session 19 in INCOWOCO 2024, an IEEE conference held on 14 - 15, November 2024 | Pune, Maharashtra, India.



Akul P[1GA21CS017]

Recognition: Patent filed: "A System and a Method for Headgear Detection and Dynamic Weight Distribution in a Vehicle".
(Application No. 20241070273 A).

Shriyashreshtha[1GA21AD051]

Recognition: The paper titled "Prediction of AIDS/HIV Infection Using Custom Artificial Neural Network Model" has been conferred as **BEST PAPER** among the papers presented in the ICISCN-2025, which Lingaraj Appa Engineering College organized in association with IEEE Bangalore Section on 24 - 25, January 2025 | Bidar, Karnataka, India.



FACULTY ACHIEVEMENTS



TECH TIMES

Dr. Haripriya. C

Recognition: Ph. D Award

Name of the Thesis : Design and Development of Deep Learning based approaches for Network Intrusion Detection

Research Guide : Dr.PRABHUDEV JAGADEESH M.P

Research Center :JSSATE, BENGALURU

Date of Completion : 2 July 2025



Dr. Seema B Hegde

Recognition: Jury member for hackathon program, CMTI-Design & Innovation Clinic 2025, held from 7th to 9th April 2025 at Central Manufacturing Technology Institute, Bengaluru.



Prof. R C Ravindranath

Recognition: Best Paper Award

The paper titled "Advancing Marine Species Detection: A Comparative Analysis of YOLOv5 and YOLOv8 in Challenging Underwater Environment" has been conferred as BEST PAPER among the papers presented in the technical Session 19 in INCOWOCO 2024, an IEEE conference held on 14 - 15, November 2024 | Pune, Maharashtra, India.



Prof. Veena V Pattankar and Dr. Jyothi S

Recognition: Author of Quartile Journal

in association with Bhagyashree Ambore, Priyanga P, Nivedita G Y4, Sunitha K5

Paper Title: Hydroponics: Innovative Sustainable Technologies for Tomato Cultivation

Quartile Index: Q3

Name of the Journal: Journal of Information Systems Engineering and Management

DOI: <https://doi.org/10.52783/jisem.v10i53s.10972>

Volume 10, Issue 53s

Published on: Feb 2025



Congratulations

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Dr. Seema B Hegde

Recognition: Author of Quartile Journal

in association with Tadigotla Narendra Reddy; Prasad Prasannan; K.V. Manjunath; Mervin A. Herbert; Shrikantha S. Rao

Paper Title: Open-source solutions for real-time data retrieval in industrial automation and IoT environments

Quartile Index: Q4

Name of the Journal: International Journal of Internet Manufacturing and Services (IJIMS)

DOI: <https://www.inderscience.com/offers.php?id=144351>

Vol. 11, No. 1, 2025, ISSN online: 1751-6056, ISSN print: 1751-6048,

Published on: Feb 2025



Dr. Shivakumar Dalali

Recognition: Author of Quartile Journal

in association with Dr. Girish Rao Salanke N. S, Dr. Manjunath C. R & Dr. Manjunath T. K

Paper 1:

Title: Evaluation of Deep Learning Models for Accurate Safety Helmet Detection in Construction Environments

Paper2:

Title: AI-Driven Precise Irrigation for Sustainable Fruit Cultivation Using IoT and Deep Learning

Quartile Index: Q1

Name of the Journal: International Journal of Innovation Studies (IJIS)

DOI: <https://iji-studies.com/index.php/IJIS/article/view/205/194>

<https://iji-studies.com/index.php/IJIS/article/view/206>

Volume 9, Issue 1

Published on: Feb 2025



Prof. R C Ravindranath

Recognition: Author of Quartile Journal

in association with Dr. Ruhin Kouser

Paper Title: Enhanced Vehicular Cloud Framework For Real-Time Tracking And Management In Smart Transportation Systems.

Quartile Index: Q2

ISSN: 1673-064X

Name of the Journal: Xi'an Shiyu Daxue Xuebao (Ziran Kexue Ban)/ Journal of Xi'an Shiyu University, Natural Sciences Edition

DOI: <https://doi.org/10.5281/zenodo.15188391>

Volume 68, Issue 4

Published on: April 2025



FACULTY PUBLICATIONS IN JOURNALS COMES UNDER
JOURNAL AND COUNTRY RANKING

TECH TIMES

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P L A C E M E N T S



2021 - 2025 BATCH						
Sl. #	USN	Full Name	Offer 1	Salary 1 (in LPA)	Offer 2	Salary 2 (in LPA)
1	1GA21CS006	Abhay surya L R	IBM CIC	4.5		
2	1GA21CS010	Abin shaju	Qspider	3.50-5.50	Infosys	3.6
3	1GA21CS014	Aditya N bhat	X Logic Labs	9.6		
4	1GA21CS015	Akash B	Tiranga Aerospace	3	HCL	4.25
5	1GA21CS018	Aman kumar pandey	ZopDev	10		
6	1GA21CS020	Ananya G	Musigma	5		
7	1GA21CS021	Ananya K joshi	Kyndryl	5	Cognizant Programmer Analyst	4
8	1GA21CS024	Anuj jadhav	Bosch	4.5	Infosys	9.5
9	1GA21CS026	Anuritha juturu	Musigma	5		
10	1GA21CS027	Anusha N	Bosch	4.5	Technologics Global	4
11	1GA21CS028	Arbeena hassan	IBM CIC	4.5		
12	1GA21CS029	Arpitha M	Cognizant Gen C	4		
13	1GA21CS031	Aryan T S	Cognizant Gen C	4		
14	1GA21CS032	Asiya firdouse	Infosys	3.6	Tech Mahindra	3.25
15	1GA21CS033	Avishkar kumar singh	HCL	4.25		
16	1GA21CS034	B M Shrinija	Cognizant Programmer Analyst	4		
17	1GA21CS035	Bajrang	HCL	4.25		
18	1GA21CS036	Bhagyasri S	IBM CIC	4.5		
19	1GA21CS037	Bhavya bhosale	Musigma	5		
20	1GA21CS038	Bhoomika K S	Infosys	3.6		
21	1GA21CS040	Bindu madhavi V	Cognizant Gen C	4		
22	1GA21CS042	Chandrashekar K R	Bosch	4.5		
23	1GA21CS046	Chithra N	IBM CIC	4.5		
24	1GA21CS047	Deeksha r	IBM CIC	4.5	Cognizant Gen C Next	6.75
25	1GA21CS049	Devesh dev	Infosys	3.6		
26	1GA21CS050	Dhanush H D	Qspider	3.50-5.50		
27	1GA21CS053	Divyashri J	Musigma	5	IBM CIC	4.5
28	1GA21CS055	G Dharmika	Tech Mahindra	3.25		
29	1GA21CS059	Gayathri raikar	Musigma	5		
30	1GA21CS061	Govinda prasad D	Federal Bank	7.5		
31	1GA21CS062	Hardik jain	Tech Mahindra	3.25		
32	1GA21CS064	Harshini J P	IBM Diversity	11		
33	1GA21CS065	Harshith D	Tech Mahindra	3.25		
34	1GA21CS066	Hemanth S	CMTI	3		
35	1GA21CS067	J G Tejas	Qspider	3.50-5.50		
36	1GA21CS068	Janhawi krishnan	IBM CIC	4.5		
37	1GA21CS069	Jayesh sai pachara	Sky Ireland	3		
38	1GA21CS076	Keerthana mahesh	Cognizant Programmer Analyst	4		
39	1GA21CS078	Krishna P N	Qspider	3.50-5.50	Pay Books	4
40	1GA21CS080	Likith raj V	Cognizant Programmer Analyst	4		
41	1GA21CS081	Likith S A	Cognizant Programmer Analyst	4		
42	1GA21CS083	Lokaghna P	Tiranga Aerospace	3		
43	1GA21CS084	Mahendra swamy N M	Federal Bank	7.5		
44	1GA21CS085	Mahesh R	Tech Mahindra	3.25		
45	1GA21CS087	Manasi J	Bosch	4.5		
46	1GA21CS093	Monica P	Cognizant Gen C	4		
47	1GA21CS097	Nagarjun S	Infosys	3.6		

48	1GA21CS102	Nidhishree G	IBM CIC	4.5	Tech Mahindra	3.25
49	1GA21CS106	Pareekshit sawant sanapuji	IBM CIC	4.5		
50	1GA21CS107	Partha H S	Infosys	3.6		
51	1GA21CS113	R Syed suffiyan	Qspider	3.50-5.50	CheapToGo	4.5
52	1GA21CS115	Raksha K	IBM CIC	4.5		
53	1GA21CS117	Rakshith H R	IBM CIC	4.5		
54	1GA21CS120	Rakshitha M M	Infosys	3.6		
55	1GA21CS122	Rakshitha R	IBM CIC	4.5		
56	1GA21CS124	Ramya shetty A	Infosys	3.6		
57	1GA21CS128	Sahana G	CMTI	3		
58	1GA21CS132	Sanjana vikram byakod	IBM CIC	4.5	Cognizant Gen C	4
59	1GA21CS133	Sanjay M B	Qspider	3.50-5.50		
60	1GA21CS134	Sanjeev gosai	Tech Mahindra	3.25	TCS	7
61	1GA21CS138	Shashank H J	Technolgics Global	4		
62	1GA21CS140	Shivani G	Cognizant Programmer Analyst	4		
63	1GA21CS143	Shwetha S	Tech Mahindra	3.25	Rhea Technologies	2.4
64	1GA21CS146	Soujanya J A	Cognizant Programmer Analyst	4		
65	1GA21CS149	Spoorthi K M	HCL	4.25		
66	1GA21CS154	Suchitha U	Tech Mahindra	3.25		
67	1GA21CS160	Sujai gowda J	IBM CIC	4.5		
68	1GA21CS167	Tejas S	Qspider	3.50-5.50		
69	1GA21CS173	Usharani S G	Cognizant Programmer Analyst	4		
70	1GA21CS175	Vaishnavi V purushottam	NTT DATA	3		
71	1GA21CS178	Vidyashree R	Cognizant Gen C	4		
72	1GA21CS179	Vikas R	Cognizant Programmer Analyst	4	HCL	4.25
73	1GA21CS188	Rahul L	IBM CIC	4.5		
74	1GA21CS189	Deepanshi srivastava	Cognizant Gen C	4		
75	1GA22CS404	Balraj J	Qspider	3.50-5.50		
76	1GA22CS410	Kishore K	3D Engineering Automation LLP	4		
77	1GA22CS413	Meghana M	William O'NEIL INDIA PVT LTD	5		

Congratulations



PUBLICATIONS



Congratulations

SL No	Name of the Author/s	Title of the Book Chapter	Name of the Book	Publication Year	ISBN	DOI	Publisher
1	K. Manjula, S. and B.K. Sowmya	Cyber Security Challenges in 5G Networks	Advances in Computers	2025	978-3-030-91148-5	10.1016/bs.adcom.2025.03.020	Springer
2	K. Manjula, S. and B.K. Sowmya	Exploring the Role of 6G Technology in Smart Healthcare Systems: Challenges, and Future Trends	Smart Hospitals: 5G, 6G and Moving Beyond Connectivity	2025	Print: 978-1-394-27544-1 Online: 978-1-394-27547-2	10.1002/9781394275472.ch14	Springer
3	Dr. Sheela S. & Collaboration	Satellite and Space Communication	Futuristic Trends in Network & Communication	2024	978-93-6252-892-6	10.58532/V3BFNC4P2CH8	Iterative International Publishers (IIP Series)
4	Dr. Sheela S. & Collaboration	Prediction Of Cardiac Disabilities In Diabetic Patients	Technologies, Volume 3, Book 4	2024	978-93-6252-892-6	10.58532/V3BFNC4P2CH2	
5	Dr. Sheela S. & Collaboration	Revolutionizing Healthcare With 5g Technology	Futuristic Trends in Network & Communication	2024	978-93-6252-806-3	10.58532/V3BGNC2P11CH3	
6	Dr. Sheela S. & Collaboration	Vehicular Networks: Multi-Node Deep Self Learning-Enabled Channel Acquisition	Technologies, Volume 3, Book 2	2024	978-93-6252-806-3	10.58532/V3BGNC2P11CH4	
7	Dr. Sheela S. & Collaboration	Vulnerabilities in Internet of Things and Their Mitigation with SDN and Other Techniques	Secure Communication in Internet of Things	2024	978-10-0347-732-7	10.1201/9781003477327.23	CRC Press (Taylor & Francis)

Sl. #	Name of the Faculty	Paper Title	Journal Details / ConferenceDetails	Publication Link
1	Dr. Kumaraswamy S	Analysis of Prediction of Pneumonia from Chest X-Ray Images Using CNN and Transfer Learning	5th International Conference for Emerging Technology (INCEt), Belgaum, India,	https://ieeexplore.ieee.org/document/10593128
2		The Evolution of Large Language Model: Models, Applications and Challenges	International Conference on Current Trends in Advanced Computing (ICCTAC), Bengaluru, India, 2024	https://ieeexplore.ieee.org/document/10593128
3	Dr.Jyothi S	Optical Character Recognition using YOLOv4, Tesseract and Paddleocr for Text Extraction	2025 Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics(CIITCEE)	https://ieeexplore.ieee.org/document/10915347
4		Enhancing Stockpile Management Through Deep Learning with a Focus on Demand Forecasting and Inventory Optimization	2024 IEEE International Conference on Recent Advances in Science, Engineering, and Technology (ICRASET - 2024)	https://ieeexplore.ieee.org/document/10895608
5		Automated Land Cover Classification in Urban Environments with Deep Learning-Based Semantic Segmentation	2024 IEEE International Conference on Recent Advances in Science, Engineering, and Technology (ICRASET - 2024)	https://doi.org/10.1109/ICRASET69057.2024.10895689
6		AI Powered Resource Management System	2024 IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS)	https://ieeexplore.ieee.org/document/10837375
7	Dr. Sheela S	Hybrid Edge-Cloud Approach for Renewable Energy Management Using Deep Learning with Predictive Analytics	2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET)	https://ieeexplore.ieee.org/document/10895726
8		Machine Learning Models for Predicting Hypothyroidism: Utilizing Synthetic Data for Improved Accuracy	2024 Asia Pacific Conference on Innovation in Technology (APCIT)	https://ieeexplore.ieee.org/document/10673702
9		An Efficient Machine Learning-Based Power Management System for Smart Grids Using Renewable Energy Resources	2024 Second International Conference on Networks, Multimedia and Information Technology (NMITCON)	https://ieeexplore.ieee.org/document/10698819
10		Smart Grid Solar Tracking Optimization using Deep Reinforcement Learning Algorithm	2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET)	https://ieeexplore.ieee.org/document/10895647
11		Automated Land Cover Classification in Urban Environments with Deep Learning-Based Semantic Segmentation	2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET)	https://ieeexplore.ieee.org/document/10895689
12		Optical Character Recognition using YOLOv4, Tesseract and Paddleocr for Text Extraction	International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE)	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10915347
13	Dr. Shruthi G	A Comprehensive Approach To Healthcare Chatbots Using SpaCy NLP And Naïve Bayes Algorithm	2024 2nd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAEI), Wardha, India,	https://ieeexplore.ieee.org/document/10842876
14	Prof. Veena V Pattanikar	Enhancing Biomedical Event Extraction with Error Data Detection: A Novel Approach for Improved Classification Performance	4th International Conference on Computer Vision and Robotics (CVR 2024)	https://ieeexplore.ieee.org/document/10842876

14	Prof. Veena V Pattanikar	Secure Dual-Layer Access Control using Visual Cryptography and LSB Watermarking	2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3)	https://ieeexplore.ieee.org/document/11156269
15	Prof. Haripriya C	An Explainable and Optimized Network Intrusion Detection Model using Deep Learning	International Journal of Advanced Computer Science and Applications(IJACSA)	http://dx.doi.org/10.14569/IJACSA.2024.0150145
16	Prof. Yashashwini K	AI Powered Resource Management System	2024 IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS)	https://ieeexplore.ieee.org/document/10837375
17		Advancing Marine Species Detection: A Comparative Analysis of YOLOv5 and YOLOv8 in Challenging Underwater Environment	2024 First International Conference for Women in Computing (InCoWoCo)	https://ieeexplore.ieee.org/document/10863206/
18		Mobile Manager: Evaluating and Implementing CNNs for Real-Time Animal Species Recognition on Smart Devices		https://ieeexplore.ieee.org/document/10898865
19	Prof. R C Ravindranath	Titanic Survivors Prediction Analysis Using Machine Learning Algorithms	2024 International Conference on Computational Intelligence for Security, Communication and Sustainable Development (CISCSD)	https://ieeexplore.ieee.org/document/10899007/
20		Performance comparison of machine learning algorithms for coronary heart disease prediction		https://ieeexplore.ieee.org/document/10899018/
21		Instagram Reach Analysis using Machine Learning Algorithms		https://ieeexplore.ieee.org/document/10898183
22	Prof. Sowmya N	Agribusiness promotion through internet based technology	15th international conference on advance in computing control and telecommunication technologies,Act 2024	https://www.scopus.com/authid/detail.uri?authorid=59410673800
23	Prof. Divya S J	Integrating Deep Learning for Crop Recommendation and Plant Disease Detection	Nanotechnology Perceptions ISSN 1660-6795	https://doi.org/10.62441/nano-ntp.vi.3998
24	Prof. Asha Latha C R	Driver Drowsiness Detection Using Deep Learning	2024 International Journal of Creative Research Thoughts (IJCRT), Volume 12, Issue 5 May 2024 ISSN: 2320-2882	www.ijcrt.org/UCRTA802055
25		smart application to avoid road accidents caused by speed breakers	2024 International Journal of Advanced Research in Science, Communication,Volume 4, Issue X, April 2024, ISSN (Online) 2581-9429,Acton and Technology (IJARSCT)	https://ijarsct.co.in/Paper18205.pdf
26	Prof. Aparna K S	A Novel Approach to Abstract the Design Information and Minimal Cover from the Restructured Java Program	2024 International Journal of Intelligent Systems and Applications in Engineering, ISSN:2147-6799,2147-6799	https://ijisae.org/index.php/IJISAE/article/view/4806

STUDENTS PROJECT PROPOSALS APPROVED FOR SPONSORSHIP

Sl. #	Project ID	Project Title	Degree	Guide Name	Student Names	Amount in Rs.
1	48S_BE_3700	Kruthak Samvahan: an interactive ai model for responsive and empathetic communication	B.E.	Dr. JYOTHI S	Mr. NAGARJUN S, Mr. SHASHANK H J, Mr. SUDHARSHANA M A	4500
2	48S_BE_3797	AI-powered web application for cybersecurity and threat management training	B.E.	Dr. JYOTHI R	Mr. ABHAY SURYA L R Mr. LIKHITH RAJ V	4500
3	48S_BE_4194	Rewaste Revolution: transforming waste management through 5 r's	B.E.	Prof. VEENA V PATTANKAR	Mr. KRISHNA P N, Mr. CHANDRASHEKAR K R, Mr. A N SHREE RAM	4500
4	48S_BE_4656	Real Time tracking and health insights for pets	B.E.	Dr. JYOTHI R	Ms. SINCHANA V, Ms. PUNYA S	4500
5	48S_BE_4820	A generic framework on encyclopedia using augmented reality	B.E.	Dr. CHAITRA B	Ms. ARBEENA HASSAN, Ms. B M SHRINIJA, Ms. MEENA S	4500

48TH SERIES OF STUDENT PROJECTS PROGRAMME
2024 - 2025





EVENTS ORGANIZED

WORKSHOPS						
Sl. No.	Date	Name of the workshop organized	# Participants	Organized for	Resource Person	Coordinators
1	17-01-2025	Soft Skill Training On Communication	45	5th Sem Students	Ms. Archana Malur	Dr. Jyothi.S
2	23-10-2024	Building an AI Employee with No-Code Tools	200	3rd sem Students	Abhijit Jain N	Prof. Ravindranath C
3	13-11-2024 to 15-11-2024	IBM Skill Build Program	200	3rd sem Students	Thoufiq Z	Prof. Ravindranath C

TECHNICAL TALK						
Sl. No.	Date	Name of Seminars/Webinars organized	# Participants	Organized for	Resource Person	Coordinators
1	03-01-2025	Research Paper Writing and Patenting	30	Faculty	Prof.G. Ravi Babu	Prof.Veena B
2	26-10-2024	Career path and placement	60	5TH SEM Students	Smt. Hemalatha S K Developer,TCS	Prof.Sameena HS
3	23-11-2024	Navigating and Thriving in IT Careers	60	5TH SEM Students	Mr. Abhinandan Joshi	Dr.Jyothi R & Prof.Sameena HS

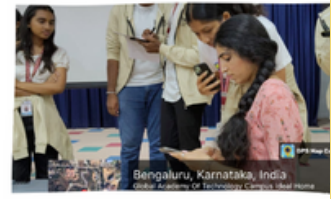
VALUE ADDED PROGRAM [VAP]						
Sl. No.	Date	Name of VAP organized	# Participants	Organized for	Resource Person	Coordinators
1	08-02-2024 to 1-8-2024	Cloud Computing Using AWS Services	26	3rd Year Students	Dr.Jyothi S, Prof. Snigdha Sen, Prof.Sheela S & Prof. Sameena	Dr.Jyothi S, Prof.Sheela S & Prof. Sameena
2	01-10-2025 to 31-01-2025	Elevate Networking Skills	210	3rd Year Students	Dr.Anitha K, Prof. Divya S J, Prof. Shwetha S N	Dr.Anitha K, Prof. Divya S J,& Prof. Shwetha S N

EVENTS						
Sl. No.	Date	Name of Events organized	# Participants	Organized for	Faculty Coordinators	
1	01-02-2025 to 02-02-2025	Hack a League 3.0	300	All branches	Dr.Jyothi R & Prof.Veena V Pattankar	
2	06-11-2024	Brainstorm Battle	200	CSE students	Dr.Jyothi R & Prof.Veena V Pattankar	
3	23-09-2024	ITV Inducton Program IT Virtuoso Club	350	1st sem CSE students	Dr.Jyothi R & Prof.Veena V Pattankar	
4	10/8/2024	IET scholarship award	30	CSE students	Dr.Jyothi R & Prof.Veena V Pattankar	
5	29-07-2024	Enlightening Young Minds	350	CSE students	Dr.R Kanagavalli, Dr.Anitha K & Prof.Vanishree M L	



Cybersecurity awareness "Safe Online Living for Seniors" (28 June 2025)







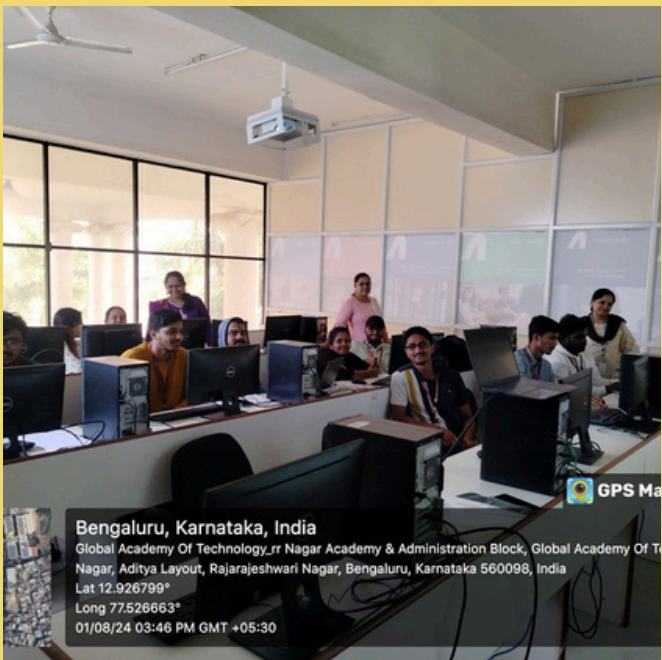
Global Academy Of Technology_rr Nagar Auditorium, Global Academy Of Technology_rr Nagar, Aditya Layout, Rajarajeshwari Nagar, Bengaluru, Karnataka 560098, India

Latitude 12.927968333333334° Longitude 77.52699666666668°



Global Academy Of Technology_rr Nagar Auditorium, Global Academy Of Technology_rr Nagar, Aditya Layout, Rajarajeshwari Nagar, Bengaluru, Karnataka 560098, India

Latitude 12.927968333333334° Longitude 77.52699666666668°



Bengaluru, Karnataka, India
Global Academy Of Technology_rr Nagar Academy & Administration Block, Global Academy Of Technology_rr Nagar, Aditya Layout, Rajarajeshwari Nagar, Bengaluru, Karnataka 560098, India
Lat 12.926799°
Long 77.526663°
01/08/24 03:46 PM GMT +05:30



Bengaluru, Karnataka, India
134, 3rd Cross Rd, Bangarappanagar, Rajarajeshwari Nagar, Bengaluru, Karnataka 560098, India
Lat 12.926784°
Long 77.52697°
01/08/24 03:58 PM GMT +05:30



Bengaluru, Karnataka, India
135, 3rd Cross Rd, Bangarappanagar, Rajarajeshwari Nagar, Bengaluru, Karnataka 560098, India
Lat 12.927152°
Long 77.526892°
26/10/24 12:23 PM GMT +05:30



Bengaluru, Karnataka, India
Global Academy Of Technology, 4, Bangarappanagar Main Rd, Bangarappanagar, Rajarajeshwari Nagar, Bengaluru, Karnataka 560098, India
Lat 12.927014°
Long 77.526707°
26/10/24 12:20 PM GMT +05:30

TECH TIMES ORGANIZED



Skill Development Program "Awareness and Hands-on Session on IOT and Its Applications" (14 June 2025)

GLOBAL ACADEMY OF TECHNOLOGY
PRESENTS
AWARENESS AND HANDS ON SESSION ON IOT AND ITS APPLICATIONS
ORGANISED BY:
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
COLLABORATION WITH NDL CLUB

Faculty Coordinators:
Dr. Sheela S | Prof. Aparna KS
Non Teaching Staff:
Mr.Hanumanta | Mr.Prasanna Kumar

4 JUNE 2025 | 8:30 AM - 04:30 PM
Lab -2
CSE Dept., GAT

DISCUSSION & INSIGHTS
Understanding IoT: Basics Made Simple
Hands-On Experience with Real-Life Applications



Academic activity "Parents Teacher meeting" (14 June 2025)



Industrial Visits

U.R Rao Satellite Centre, ISRO



A one-day Industrial visit to U R Rao Satellite Centre - Indian Space Research Organization Bengaluru, was organized on **7th April 2025**, for 4th-semester CSE students by Dept of CSE, Global Academy Of Technology



A one-day Industrial visit to U R Rao Satellite Centre - Indian Space Research Organization Bengaluru, was organized on **7th May 2025**, for 2nd-semester CSE students by Dept of CSE, Global Academy Of Technology

Industrial Visits

26 June 2025

DyashinTechnosoft



OUTCOME

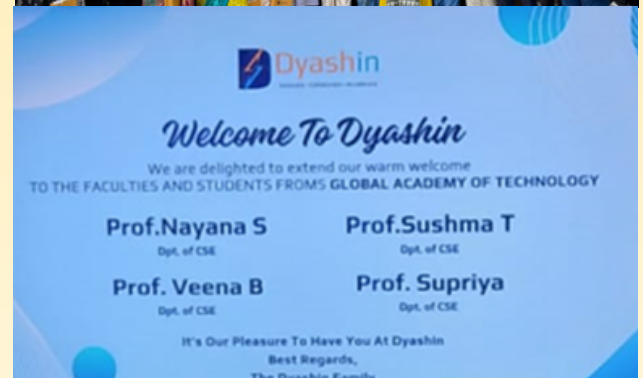
Students gained practical insights into the software development lifecycle (SDLC), including requirement analysis, design, coding, testing, and deployment.

The team at DyashinTechnosoft demonstrated the use of modern frameworks and tools used in current industry projects. The visit introduced students to trending technologies such as AI, machine learning, and web and mobile app development. The visit motivated students to explore internships and careers in the IT field.



OBJECTIVE

- To provide students with firsthand experience of how industries operate.
- Understand real-time processes, production cycles, quality control, and workflow.
- To experience professional work environments, team dynamics, and industry discipline.
- Learn about employee roles, organizational hierarchy, and communication.
- To get updated with the latest trends, tools, and technologies used in the industry.
- To explore potential career paths and understand the skills required in various roles.
- Learn about automation, software, or machines specific to the field.
- To understand the importance of safety measures, industrial regulations, and ethical standards



Value Added Course

MERN Full Stack Development

24 - 28 April 2025

Objective

- Understand the MERN stack architecture with emphasis on React.js.
- Set up a modern React development environment.
- Learn React fundamentals: components, props, state.
- Use React Hooks like useState and useEffect for dynamic UIs.
- Develop single-page applications (SPAs) using React Router.
- Build and validate forms with controlled components.
- Interact with APIs using Axios (mock and real backends).
- Apply concepts through hands-on projects: Todo App & Employee Management System (EMS).



Outcome

- Build responsive UIs using JSX and reusable components.
- Manage dynamic data with React state and hooks.
- Complete a functional Todo App (add, delete, filter tasks).
- Build a full-featured EMS with CRUD operations.
- Use React Router for view navigation.
- Perform API integration and display backend data.
- Follow clean coding practices and deploy apps on Netlify/Vercel.



Skill Development Program

‘Bridging the Gap: Transforming campus to corporate’

06 June 2025



Objective

- To make students industry ready to face the challenges of corporate professional world
- To make students understand the skills of adaptability, communication, responsibility and right mindset through the expert's experience
- To enable Students to prepare for the placement interviews and transform themselves into professionals

Outcome

- Students were provided with the awareness of factors for deciding, choosing the career path at the prefinal year level
- Students were provided with the insight of hurdles and opportunity in the path of student to professional through expert's experience
- Students gained knowledge on developing a mindset to transform into professional



CENTER OF EXCELLENCE

NTT DATA CENTER OF EXCELLENCE – FULL STACK COMPUTING

09 September 2025

Online Induction program of Batch-3



OBJECTIVE

- To address and share the importance of organising the training by CoE – Full Stack Computing

OUTCOME

- Students were able to understand the functioning and benefits of the COE – Full Stack Computing.



Outreach Programme

Cybersecurity awareness "Safe Online Living for Seniors"

28-June-2025



Objective

- To create awareness about common cyber threats (phishing, scams, identity theft).
- To promote safe online practices and responsible internet usage.
- To educate on the secure use of digital tools (email, social media, online banking).
- To build confidence in using technology among senior citizens.
- To encourage reporting of suspicious online activities and seeking timely help.

Outcome

- Increased awareness of cyber risks and prevention strategies.
- Improved digital literacy and basic cybersecurity skills.
- Adoption of safe online habits (e.g., strong passwords, avoiding suspicious links).
- Reduction in cybercrime incidents targeting senior citizens.
- Development of a peer support and information-sharing network.
- Availability of follow-up resources (guides, helplines, videos) for continued learning.



IT VIRTUOSO

STUDENT FORUM



OFFICE BEARERS

- 1.President-Abhay Surya LR
- 2.Vice-President-Likith Raj V
- 3.Secretary-Sinchana V
- 4.Secretary-Rakshitha M M
- 5.Treasurer-Rahul L
- 6.Treasurer-Likith SA

HEADS

- 1.CHAIRMAN: Dr. KUMARSWAMY S
- 2.CONVENER: Dr. JYOTHI R
- 3.Co-CONVENER: Prof. VEENA V PATTANKAR

COORDINATORS

- | | |
|-----------------------|---------------------------|
| 1.Bhoomika SA | 14.Shwetha S |
| 2.Sayed Suffiya | 15.Swara Shetty M |
| 3.Rajarajeshwari T | 16.Shivani G |
| 4.Adam | 17.Ramya Bagepalli |
| 5.Lakshmitha Lokesh U | 18.Yashas S |
| 6.Krishna PN | 19.Minnal Rajesh |
| 7.Manya S | 20.Sinchana MR |
| 8.Sahana | 21.Govinda Prasad D |
| 9.Ramya Shetty A | 22.Hemanth S |
| 10.Neha YS | 23.Shrimadhu Nagaraj Bhat |
| 11.AR Vaishnavi | 24.Harshitha NK |
| 12.Nidhishree G | 25.Shreya N |
| 13.Punya S | |

MEMBERS

- | | | |
|--------------------|-----------------------------|--------------------|
| 1.ABHISHEK R | 10.KOTTAPALLI LIKHITH REDDY | 19.KUSHI K |
| 2.DHEERAJ | 11.M LAVANYA MINA | 20.SAKSHI BHANDARE |
| 3.GK DHANUSH | 12.MEGHANA D | 21.DEVAMRUTH K |
| 4.DEEKSHA R HEBBAR | 13.D AMOGHA HANDE | 22.JALAJA M |
| 5.CHINMAYEE SAI | 14.DIYA RAGHAVENDRA | 23.NAGAVENI SD |
| 6.HARSHA KUMAR MR | 15.JOANNA NATALIE | 24.PRAKRUTHI KR |
| 7.JNANASHREE R | 16.LIKITHA LINGARAJU | 25.SUCHITH S |
| 8.KEERTHANA R | 17.SWATHI KN | 26.YASHAS GS |
| 9.KHUSHI R | 18.KOMAL PATIL | |

IET-GAT Student Chapter

20 August 2025

The Institution of Engineering and Technology



GLOBAL ACADEMY OF TECHNOLOGY
DEPT. OF COMPUTER SCIENCE AND ENGINEERING



IET The Institution of Engineering and Technology

CORDIALLY INVITES YOU TO

INAUGURAL CEREMONY OF IET GAT STUDENT CHAPTER



CHIEF GUEST
Mr. Prabhakaran Veeran
Country Director Balfour Beatty India
IET BANGLORE NETWORK CHAIRMAN



GUEST OF HONOUR
Mr. Santosh Kumar Chitti
Technical Director Arcadis
IET BANGLORE NETWORK
VICECHAIRMAN

Presided By
Ms. Aishwarya Dks Hegde
Trustee Secretary, NEF

Dr. Nagamani Nagraja
Chief of Strategy & Systems, GAT

Dr. H B Balakrishna
Principal, GAT

Dr. Sreedhar Kumar
Campus Director, GAT

Dr. Kumaraswamy S
HOD - CSE, GAT

Dr. Jyothi R
Faculty Co- Ordinator, GAT

🕒 Time: 10:00 AM 📅 Date: 20-08-2025 📍 GAT AUDITORIUM

OBJECTIVE

- To launch a student-driven platform under IET for innovation and collaboration.
- To provide global exposure to latest trends in engineering and technology.
- To foster leadership, teamwork, and professional skills.
- To strengthen industry-academia connect through expert interactions.
- To encourage students' participation in projects, competitions, and research.

OUTCOME

Students gain access to a global professional network through IET. Improved leadership, teamwork, and organizational skills among members. Exposure to industry experts, talks, and mentorship opportunities. Increased participation in technical events, competitions, and projects. Enhanced employability through certifications, workshops, and internships. Stronger collaboration between academia and industry. Development of an innovative and research-driven student community.



— CSE Students @ —

SPORTS

ALL INDIA INTER-UNIVERSITY CHAMPIONSHIP 2024- 25



NETBALL

- Ramya Bagepalli
- Manasi J



NETBALL

- Sujai Gowda J
- Sumanth K Shetty



POWERLIFTING

- Praneel Maheshwaran



JUDO

- Sanjana S

POETRY & ART WORKS

SOME PHOTOS MISS THE FOCUS:
THE MEMORIES NEVER DO



Invisible Goodbye

If I were gone, would you even know?
Would silence whisper where I go?
Would empty spaces call my name,
or would the world just stay the same?

I speak, but no one turns to see,
my words dissolve so easily.
I reach, but hands don't reach for mine,
left hanging in the endless time.

Tell me, would it break the night,
if I faded out of sight?
Or would the earth just spin, unaware,
like I was never even there?

- Sanjana S
1GA24CS234

Windows of Hope

The view is different from every window,
wait till you get a better one.
Storms may blur the glass today,
but dawn will bring a brighter sun.

The rain might weep upon your pane,
winds may whisper tales of sorrow,
but every dusk that fades in pain
paints a hope-lit new tomorrow.

So hold your breath and trust the skies,
shadows shift and seasons turn.
What feels like a distant mirage today,
Could be tomorrow's brightest dream

- Sanjana S
1GA24CS234

Is the Difference Necessary ?

One sleeps on silk, other on the street.
One feasts on gold, other begs to eat.
One rests with care, with roof on top.
Whereas the other fights alone, under
harsh sun.

But if one turns generous, if greed
would drop.
If hearts could heal and hand could
give.
No child would starve, no dream would
die.
And all could stand beneath the same
sky together!

- Sanjana S
1GA24CS234

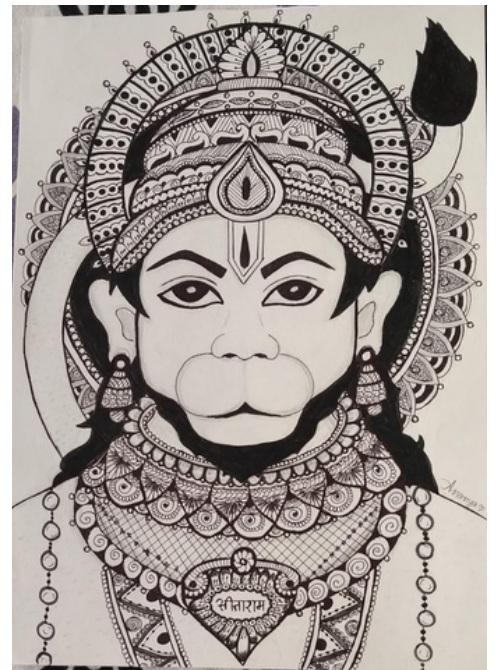
Present Is The Present

What are we all rushing toward?
Our minds chase the future,
our hearts linger in the past,
and somewhere in between,
the beauty of the present fades
unnoticed.

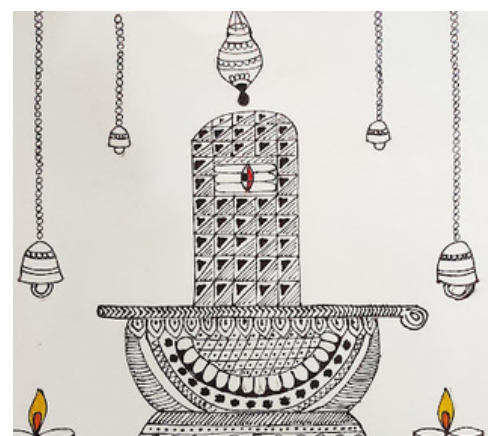
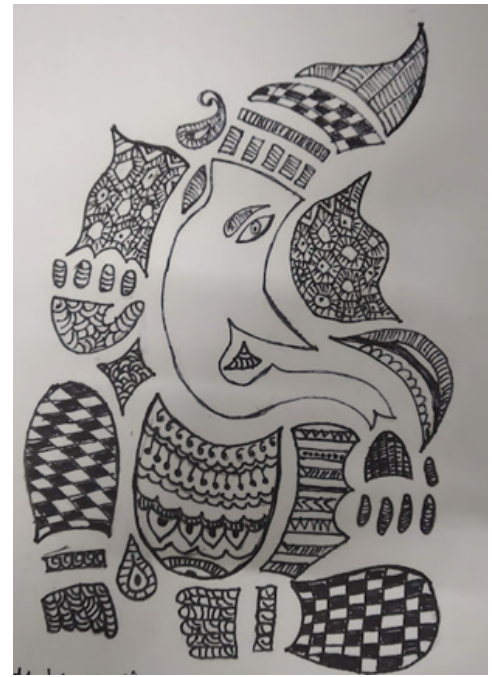
But the way you embrace today
can bring your heart and mind back
together.

That is how you live soulfully—
where every moment becomes a gift
you never knew you were waiting for

- Sanjana S
1GA24CS234

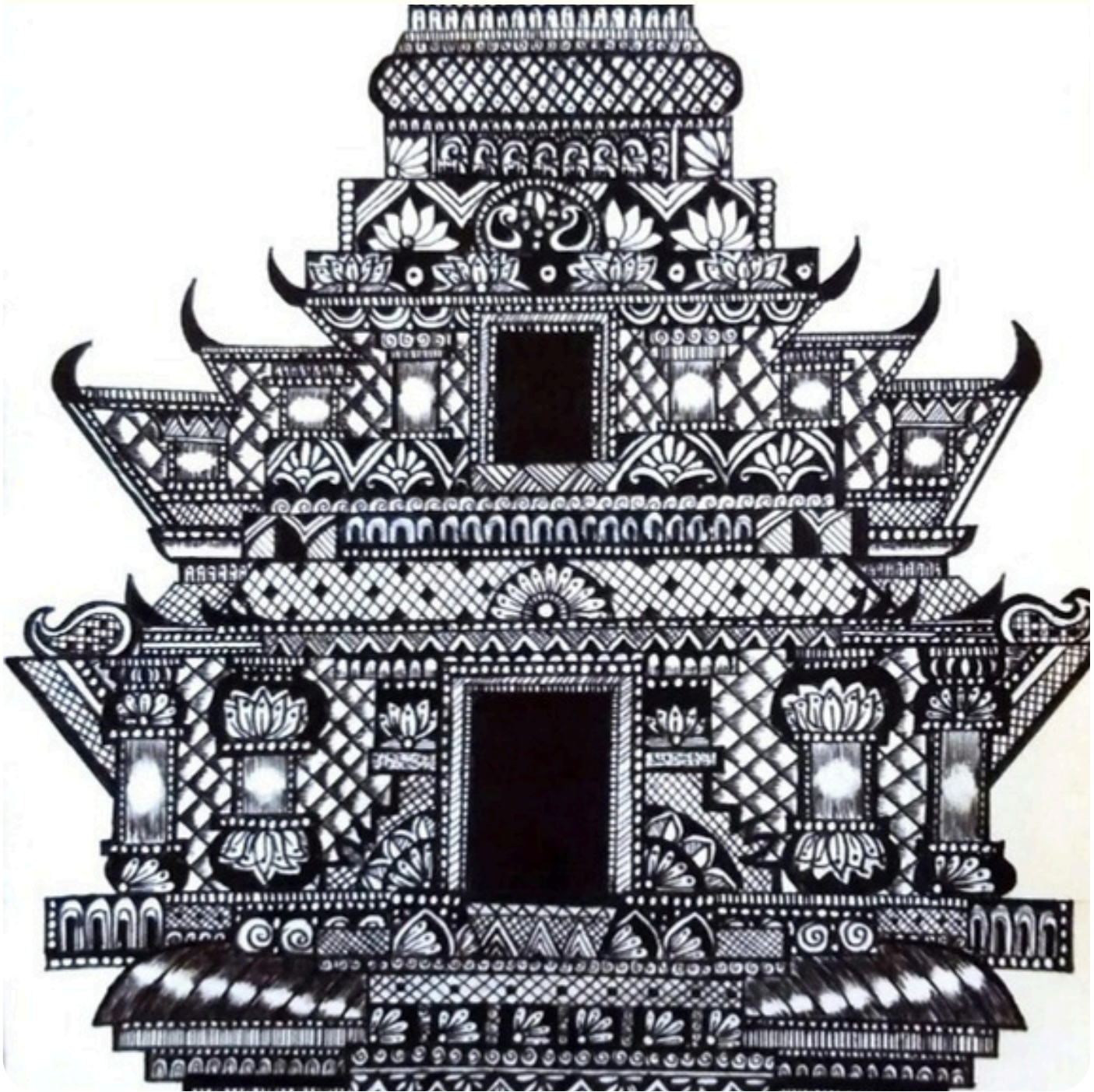


ANANYA G



SUJATHA GOYAL

PRARTHANA MAHESH



ಮಗಲು

ಕಂಡ ಕನಸಿಗೆ ಕಣ್ಣಾಗಿ ಬಂದವಳು
ಬರಿದಾದ ಮನಕೆ ಸಿರಿಯ ಸಂಜಾತೆ ಯಾದವಳು

ಲಕ್ಷ್ಮಿಯ ಮುಡಿಯ ಮಲ್ಲಿಗೆ ಇವಳು

ಅನ್ನಪೂರ್ಣೆಯ ಪ್ರಸಾದ ಇವಳು

ವಿಜಯಶ್ರೀಗೆ ವಿಜಯ ತಂದವಳು

ಶ್ವೇತ ವರ್ಣಿಯ ಮನಸ್ಸಿನವಳು

ಸೌಮ್ಯ ಸ್ವಭಾವದ ದುರ್ಗಿ ಇವಳು

ನನ್ನದೆಯ ಲತೆ ಇವಳು

ಗಣಿಯ ಮುದ್ದಿವಳು ಕೃಷ್ಣನ ಜೊತೆಯವಳು

ನಮ್ಮ ಮನೆಯ ಮಹಾಲಕ್ಷ್ಮಿಗೆ

ಜನುಮ ದಿನದ ಶುಭಾಶಯಗಳು....

ಇಂತಿ
ಅಪ್ಪ

ಆರ್. ಸಿ. ರವೀಂದ್ರನಾಥ್



GLOBAL ACADEMY OF TECHNOLOGY

growing ahead of time

Autonomous Institute, Affiliated to VTU

Department of CSE

TECH TIMES

