

TechVista

— ◆ An Annual Magazine of Department of Computer Science and Engineering ◆ —

INNOVATE • INSPIRE • IMPACT

CELEBRATING

COMPUTER SCIENCE AND ENGINEERING

THE ENGINE BEHIND
INNOVATION.
THE CODE BEHIND
TOMORROW.



INTELLIGENT SYSTEMS
Building Smarter Futures



EMERGING TECHNOLOGIES
Exploring New Frontiers



CODE. CREATE. CONNECT.
The CSE Mindset



IDEAS
THAT **CODE**.
SOLUTIONS
THAT **SCALE**.

POWERING PROGRESS
THROUGH ALGORITHM,
LOGIC & CREATIVITY



St. Ann's College of Engineering & Technology (Autonomous)

Chirala – 523 187, Bapatla District

Approved by AICTE – New Delhi, Permanently Affiliated to JNTUK - Kakinada

Accredited by NBA and Institution of Engineers(INDIA)

Institution Accredited by NAAC with A Grade

Recognised by UGC under Section 2(f) & 12(B) of UGC Act, 1956

Awarded 'A' Grade by Andhra Pradesh State Government.



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A Word from the HOD

**“Progress is best achieved not in isolation, but through collaboration
—where vision meets action and people grow together.”**



It gives me immense pleasure to present the latest edition of **TECH VISTA**, our department's annual technical magazine showcasing the innovation, achievements, and talent of the **Computer Science & Engineering** community.

The CSE Department is committed to **excellence and inclusivity**, giving equal importance to **academic achievement and personal growth**. We believe education should not only build successful careers but also inspire **confidence, creativity, and character**.

Our motto is to nurture an environment where **learning is joyful, innovation is constant, and growth is shared**, enabling every student and faculty member to realize their potential.

Let us continue to learn, lead, and grow—together.

Dr. P. Harini,
Professor and Head of the Department,
Computer Science & Engineering.

A Note from the Principal

It is with great pride and joy that I extend my greetings to the **Department of Computer Science and Engineering** on the publication of its Annual Department Magazine, **TECH VISTA**. More than a collection of articles, this edition reflects the year's journey of **learning, innovation, creativity, and achievement** by our students and faculty.



I extend my heartfelt congratulations and best wishes to the **entire CSE Department, its faculty, and students** for continued success and excellence in all their future endeavours. May they continue to **nurture talent, foster innovation, achieve greater heights, and inspire future leaders in technology**.

Dr. K. Jagadeesh Babu
Principal
St. Ann's College of Engineering & Technology

Greetings from the Secretary & Correspondent

Sri Vanama Rama Krishna Rao,

Secretary – St. Ann's College of Engineering & Technology



“I have always believed that education, especially in technical fields, has the power to transform communities, and the Computer Science and Engineering Department is a perfect example of this belief in action.

Beyond academic success, you have shown remarkable dedication to fostering innovation, supporting entrepreneurship, and encouraging students to take up social-impact projects, particularly in rural areas.

Your outreach programs, participation in hackathons, and research contributions have extended the influence of St. Ann's far beyond the campus. The department's commitment to shaping not only skilled engineers but also socially responsible citizens reflect the very spirit of our institution.

I extend my heartfelt appreciation to the CSE faculty and students for their vital role in our college's progress.”

Sri Srimanthula Lakshmana Rao,

Correspondent – St. Ann's College of Engineering & Technology



“In my role as Correspondent, I have had the privilege of witnessing firsthand the transformative journey of the Computer Science and Engineering Department. Your consistent academic excellence, pioneering research, and outstanding placement records have been instrumental in elevating St. Ann's College of Engineering and Technology to greater heights.

The department's focus on emerging technologies such as Artificial Intelligence, Data Science, and Cybersecurity has ensured our students remain at the forefront of the ever-changing engineering landscape.

I applaud your relentless pursuit of quality and your indispensable contribution to our growth story.”

VISION

“To be a centre of excellence in Computer Science & Engineering and to produce students with ability to address emerging challenges in global perspective with social concern.”

MISSION

- **To impart quality education that builds strong computational knowledge and prepares students for global technological demands.**
- **To develop analytical, design, and research capabilities enabling students to create innovative and sustainable engineering solutions.**
- **To promote experiential learning through projects, internships, and hands-on exposure to modern tools and technologies.**
- **To nurture responsible engineers with ethical values, societal awareness, and a commitment to inclusive technological growth.**
- **To encourage participation in research, consultancy, and community-oriented initiatives that enhance societal impact.**
- **To encourage continuous professional growth by fostering adaptability, curiosity, and lifelong learning habits.**

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- **PEO1:** Apply fundamental knowledge and engineering principles to design, develop, test, and maintain reliable and efficient software systems that meet user and industry requirements.
- **PEO2:** Build and implement software solutions to address needs in research, education, training, and e-governance, contributing to technological and societal advancement.
- **PEO3:** Function effectively as professionals by working collaboratively in teams, using modern tools, standard development environments, and sound project management practices.
- **PEO4:** Engage in lifelong learning, uphold ethical practices, enhance professional skills, and adapt proactively to evolving AI technologies and societal needs.

PROGRAM SPECIFIC OUTCOMES(PSOs)

PSO1: Design, implement, and evaluate software solutions by applying core principles of algorithms, data structures, operating systems, and database technologies to meet specified functional and performance requirements.

PSO2: Analyze and develop intelligent computing systems using computational techniques in artificial intelligence, machine learning, data analytics, and cloud technologies to solve real-world problems.

PSO3: Architect, deploy, and manage secure and scalable computing environments by selecting appropriate tools, platforms, and frameworks for modern software development, networked systems, and enterprise applications.

PROGRAM OUTCOMES (REVISED)

PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

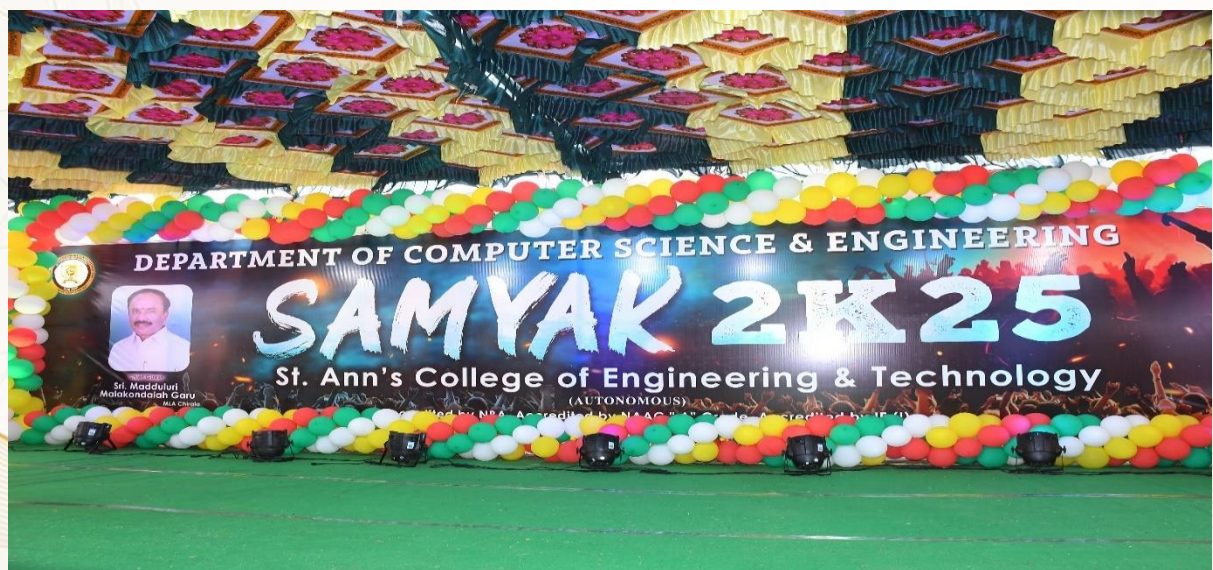
CSE – A Journey of Excellence & Innovation

The **Computer Science and Engineering Department** has surged ahead this year, building **unstoppable momentum** through remarkable achievements, innovation, and collective determination. With a strong commitment to **academic excellence, technological advancement, and continuous learning**, the department continues to shape talented professionals ready to meet the challenges of an ever-evolving digital world.

Our **students** have not only excelled academically but have also earned **prestigious scholarships**, showcased their talent in **coding contests**, and proved their mettle across multiple competitive platforms. The **placement season** stood as a proud testament to their dedication and perseverance, with an impressive number of students securing opportunities at leading **technology companies**, including several outstanding packages that set new benchmarks.

Our **faculty members** have been the driving force behind this progress, continuously pushing the boundaries of **research, innovation, and academic excellence** through impactful **publications, patents, projects, and collaborations**. Their dedication has strengthened the academic fabric of the department while inspiring students to explore, innovate, and think beyond conventional boundaries.

Together, these accomplishments reflect more than a successful year—they represent a department moving forward with **purpose, determination, innovation, and a shared vision of excellence**. As we continue our journey, the Department of Computer Science and Engineering remains committed to empowering young minds, fostering innovation, and building a future driven by **technology and limitless possibilities**.



Faculty — Pioneering Minds

"Brilliant and forward-thinking faculty whose innovative research is opening new frontiers in Computer Science & Engineering."

The faculty of the **Department of Computer Science & Engineering** continue to make significant contributions to academia and industry through impactful research, innovative ideas, and scholarly publications.

Our professors and researchers actively engage in exploring **emerging technologies**, addressing real-world challenges, and publishing their findings in reputed journals, conferences, and books. These achievements not only enhance the academic reputation of the department but also inspire students to pursue knowledge with **curiosity, creativity, and rigor**.

Beyond research and publications, our faculty members play a vital role as **mentors, innovators, and academic leaders**, guiding students toward excellence and encouraging them to transform ideas into meaningful solutions. Through their continuous pursuit of knowledge, collaborative initiatives, and dedication to innovation, they contribute significantly to building a vibrant academic and research culture within the department.

Their collective efforts strengthen the bridge between **theory and practice**, fostering an environment where learning extends beyond the classroom. With a shared vision for excellence, the faculty continue to nurture future-ready professionals and contribute towards shaping the technological landscape of tomorrow.



Empowering Educators, Enriching Excellence

Faculty Development Programmes provide valuable opportunities for educators to **enhance their knowledge, develop new skills, and stay updated with emerging trends** in education and technology. Through active participation and the organisation of FDPs, our faculty continue to **learn, lead, share knowledge, and inspire academic excellence.**

FDPs Attended

Faculty members of the **Department of Computer Science & Engineering** actively participated in **68 external Faculty Development Programmes during the Academic Year 2024–2025**, strengthening their expertise in emerging technologies, research, and innovative teaching practices. Covering areas such as **Artificial Intelligence, Generative AI, Machine Learning, Data Science, Cloud Computing, Cybersecurity, and Big Data Analytics**, these programmes were conducted by prestigious institutions and organizations including **NIT Warangal, E&ICT Academy, MeitY, APSSDC, CBIT, and Wipro TalentNext**, fostering continuous professional growth and enriching classroom learning.

A Few Highlights

Area / Programme	Institution / Organizer
Digital Twins & Metaverse Technologies	APSSDC in collaboration with ExcelR
Data Science using Python & R	APSSDC in collaboration with ExcelR
Generative AI & Prompt Engineering using Microsoft Copilot	BNMIT and collaborating institutions with ExcelR Edtech
Artificial Intelligence & Next-Generation Engineering Applications	E&ICT Academy, NIT Warangal
Cloud Computing	TalentNext in association with Wipro
Big Data Analytics using Hadoop Framework Tools	Presidency University, Bengaluru
Web Development using ReactJS	APSSDC in collaboration with Pantech eLearning
Research Methodology & Technical Paper Writing	CBIT in collaboration with ExcelR
Innovative Teaching & Learning Pedagogy	Research Foundation of India and Bhagwan Parshuram Institute of Technology
Next-Gen AI, Machine Learning & Deep Learning	MeitY, E&ICT Academy, NIT Warangal and ANITS

FDPs Organised

In addition to actively participating in professional development initiatives, the **Department of Computer Science & Engineering** organized **three Faculty Development Programmes during the Academic Year 2024–2025**, creating valuable opportunities for faculty members to enhance their technical knowledge and engage with emerging technologies.

The programmes focused on contemporary areas such as **Machine Learning Algorithms and Applications, Natural Language Processing, and Flutter Development**, bringing together expertise from distinguished resource persons from **APSSDC, E&ICT Academy–NIT Warangal, and industry**. These initiatives provided a platform for continuous learning, knowledge sharing, and strengthening the faculty's technical and professional competencies.

1	Machine Learning Algorithms and Applications	23-09-2024 to 28-09-2024	One week Faculty Development Program	Mr. M. Srinivas Reddy, Technical Skill <u>Trainer</u> , APSSDC , Vijayawada.	40
2	Natural Language Processing	17-03-2025 to 23-03-2025	One week Faculty Development Program	Dr. T. Kishor Kumar, Professor, Dept of ECE, E&ICT Academy, NIT Warangal, Telangana	36
3	Flutter	25-06-2025 to 30-06-2025	One week Faculty Development Program	Mr. Madhu Parvathaneni, CEO, <u>Make Skilled Team</u> , Hyderabad.	38

Highlights:

- The CSE Department organized **3 Faculty Development Programmes** during the **Academic Year 2024–2025**.
- A total of **114 participants** benefited from these programmes.
- The FDPs covered emerging areas including **Machine Learning, Natural Language Processing, and Flutter Development**.
- The programmes featured expert resource persons from **APSSDC, E&ICT Academy–NIT Warangal, and industry organizations**, promoting practical learning and professional growth.

Sharing Expertise, Shaping Futures

The faculty members of the **Department of Computer Science & Engineering** actively extended their expertise beyond the classroom by serving as **Resource Persons in various STTPs and FDPs during the Academic Year 2024–2025**. Through these academic engagements, they contributed to knowledge sharing, professional development, and collaboration with institutions across the region.

During the year, faculty members delivered **expert sessions** on diverse and emerging areas, including **Artificial Intelligence, Machine Learning, Cybersecurity, Natural Language Processing, Quantum Computing, Full Stack Technologies, Data Structures, Cloud Computing, and Software Defined Networks**. These contributions reflect the department's commitment to **academic leadership, knowledge dissemination, and staying at the forefront of technological advancement**.

Highlights



- Knowledge shared across reputed academic institutions in **Guntur, Ongole, Eluru, Markapur, Chimakurthy, and Hyderabad**.
- Expertise contributed across a wide spectrum of **emerging technologies and core Computer Science domains**.
- These engagements strengthened **academic collaboration, knowledge exchange, and the professional visibility of the department**.

Pursuit of Knowledge, Pathways to Innovation

The **Department of Computer Science & Engineering** continues to foster a strong culture of **continuous learning, research, and innovation** among its faculty members. During the **Academic Year 2024–2025**, faculty actively pursued professional learning through **NPTEL certifications** while also translating their research ideas into innovative solutions through **patent publications**.

The **NPTEL** learning initiatives reflect the faculty's commitment to **upskilling, strengthening subject expertise, and staying connected with contemporary developments** in technology and education. Complementing this pursuit of knowledge, faculty members made notable contributions to innovation through **Patent Publications** in areas such as **Artificial Intelligence, Machine Learning, Deep Learning, Healthcare Technologies, Edge-Cloud Computing, Blockchain, and Cybersecurity**.

Together, these achievements represent the department's journey from **acquiring knowledge to creating innovation**—empowering faculty members to continuously learn, explore new possibilities, and contribute meaningful solutions to the evolving world of technology.

Two Dimensions of Excellence

NPTEL Certifications — Learning & Upskilling

Strengthening knowledge and expertise through continuous professional learning.

S.No.	Name of the Faculty	Name of Course Passed	Course Offered by (agency)	Grade obtained if any
1	Dr. G. Prasuna	Data Science for Engineers, Jan-Mar 2025	NPTEL, IIT Madras	67% Elite
2	Mrs. Kurapati Devi Nagsri	The Joy of Computing using Python Jan-Apr 2025	NPTEL, IIT Madras	60% Elite
3	Mrs. MAMIDALA ANUSHA	Data Base Management Systems Jan-Apr 2025	NPTEL, IIT Madras	54%

Patent Publications — Research & Innovation

Transforming innovative ideas and research outcomes into intellectual contributions with real-world relevance.

S.No	Author Name	Title of the Invention	Details
1	Dr.P.Harini	A Federated Approach For Integrating Digital HealthCare In Hospitality Management	Application No: 202441098620 Filed date 12/12/2024 and Published Date: 20/12/2024
2	Dr.P.Harini	Automated Accident Severity Detection Using Integrated Machine Learning and Deep Learning Algorithms	Application No: 202541004322 Filed date 19/01/2025 and Published Date: 24/01/2025
3	Dr.P.Harini	Privacy-Preserving Machine Learning Models For HealthCare Data Using Homomorphic Encryption	Application No: 202541035604 Filed date 11/04/2025 Published Date: 09-05-2025
4	Dr. Ratna Raju Mukiri	Medical Robotics and Automation for Surgery and Patient Care using AI	Application No: 202441060081, Filed date 08/08/2024 and Published Date: 16/08/2024
5	Dr A. Tirupathaiah	Intelligent voice alert system for two-wheelers	Application No: 202025101655, Filed date 27/03/2025 and Published Date: 22/04/2025
6	Dr.Nagesh Babu	Adaptive A3C-Based Residual Recurrent Neural Network System For Dyanmic Task Scheduling In UnCertain Edge-Cloud Computing Environments	Application No: 202541010805, Filed date 09/02/2025 and Published Date: 14/02/2025
7	Dr Subbarao Katteda	Blockchain-Powered Lightweight Security Protocols for IoE Ecosystems	Application No.202541002642 A Filed date 11/01/2025 Publication Date : 24/01/2025
8	Mr.N.Lakshmi Narayana	Privacy-Preserving Machine Learning Models For HealthCare Data Using Homomorphic Encryption	Application No: 202541035604 Filed date 11/04/2025 Published Date: 09-05-2025

Research That Resonates

Faculty research and scholarly contributions continue to play a vital role in strengthening the academic and research environment of the **Department of Computer Science & Engineering**. During the **Academic Year 2024–2025**, faculty members made significant contributions through publications in reputed **journals and conferences**, reflecting their commitment to research, innovation, and knowledge creation.

The publications explored diverse and contemporary domains such as **Artificial Intelligence, Machine Learning, Deep Learning, Cybersecurity, Healthcare Analytics, Neural Networks, Cloud Computing, Data Analytics, Web Technologies, and Intelligent Systems**. The faculty's research contributions appeared in **Scopus-indexed journals, UGC CARE-listed journals, and conference platforms**, demonstrating a strong focus on quality research and emerging technological developments.

S.No.	Major Journal / Conference Platform	Category / Indexing
1	Machine Intelligence Research	SCOPUS Indexed
2	Journal of Basic Science and Engineering	SCOPUS Indexed
3	Journal of Theoretical and Applied Information Technology (JATIT)	SCOPUS Indexed
4	Journal of Information Systems Engineering and Management (JISEM)	SCOPUS Indexed
5	International Journal of Marketing Management (IJMM)	UGC CARE
6	Journal of Nonlinear Analysis and Optimization	UGC CARE
7	International Journal of Advanced Research and Review (IJARR)	Journal Publication
8	2024 Fifth International Conference on Advances in Physical Sciences and Materials (ICAPSM)	SCOPUS Indexed Conference
9	Global Conference on Computational Sciences and Engineering Systems (GCCSES–2024)	International Conference
10	Indian Society for Technical Education (ISTE) Journal / Publication	Professional Society Publication

Details of Faculty Publications (2024-25):

S.NO	FACULTY NAME	DESIGNATION	JOURNALS		CONFERENCES	
			NATI ONAL	INTER NATIONAL	NATI ONAL	INTER NATIONAL
1	Dr. P.Harini	Professor	-	09	-	08
2	Dr. Y.Chitti Babu	Professor	-	04	-	03
3	Dr. M. Ramesh	Professor	-	01	-	-
4	Dr. A.Tirupathaiah	Assoc. Professor	-	05	-	06
5	Dr. Grandhi Prasuna	Assoc. Professor	-	09	-	08
6	Dr. M.Ratna Raju	Professor	-	08	-	03
7	Dr. K. SubbaRao	Assoc. Professor	-	02	-	-
8	Dr. Nagesh Babu Dasari	Assoc. Professor	-	07	-	05
9	Dr. P.V.S Sarma	Assoc. Professor	-	05	-	04
10	Mr. S. Amarnath Babu	Assoc. Professor	-	04	-	-
11	Mr.N.Lakshmi Narayana	Asst.Professor	-	06	-	05
12	Mr.T. Sesha Sai	Asst.Professor	-	03	-	02
13	Mrs.Madhuri Draksharam	Asst.Professor	-	03	-	02
14	Mr. Ramesh Kunchala	Asst.Professor	-	03	-	03
15	Mrs. N. Sulakshna	Asst.Professor	-	01		03
Sub Toatal				70	-	52
Grand Total			122			

A FEW HIGHLIGHTS

S.No	Author Name	Title	Journal/Conference
1	Dr. P. Harini	Advanced Forest Fire Detection using Convolution Neural Network	Machine Intelligence Research, ISSN:2731-538X E-ISSN:2731-5398 Vol. 18 No. 01, 2024-08-17, pg: 819-826 [SCOPUS] https://machineintelligenceresearchs.com/index.php/mir/article/view/68
2	Dr. Y.Chitti Babu	Many Perspective Fraud Detection Algorithms for Online Operations	Journal of Basic Science and Engineering Vol. 21, No. 1, 2024-07-08, ISSN: 1005-0930 pg:1537-1544 [SCOPUS] https://yigkx.org.cn/index.php/jbse/article/view/221
3.	Dr.A.Tirupathaiah	New Cyber Security Methods in Network using Logistic Regression Techniques	Journal of Basic Science and Engineering Vol. 21, No. 1, 2024-07-03, ISSN: 1005-0930 pg: 1433-1441 [SCOPUS] , https://yigkx.org.cn/index.php/jbse/article/view/208
4.	Dr. Grandhi Prasuna	New Analysis Liver Disease Diagnosis using Logistic Regression	Journal of Basic Science and Engineering Vol. 21, No. 1, 2024-07-03, ISSN: 1005-0930 pg: 1406 - 1414 [SCOPUS] https:// yigkx.org.cn/index.php/jbse/article/view/205

Faculty Literary Contributions

The literary contributions of the faculty members reflect the Department's commitment to **academic scholarship, knowledge dissemination, and professional excellence**. These scholarly works serve as valuable resources for students, researchers, and academicians while strengthening the department's academic and research profile.

Dr. P. Harini

Teaching Strategies for Active Engagement and Collaboration in Online Courses (Book Chapter)

Authors:

P. Harini, Govind Prasad Goyal, V. Karthi, Rajib Mandal, Hemkant Nivrutti Gawade, V. Bhoopathy

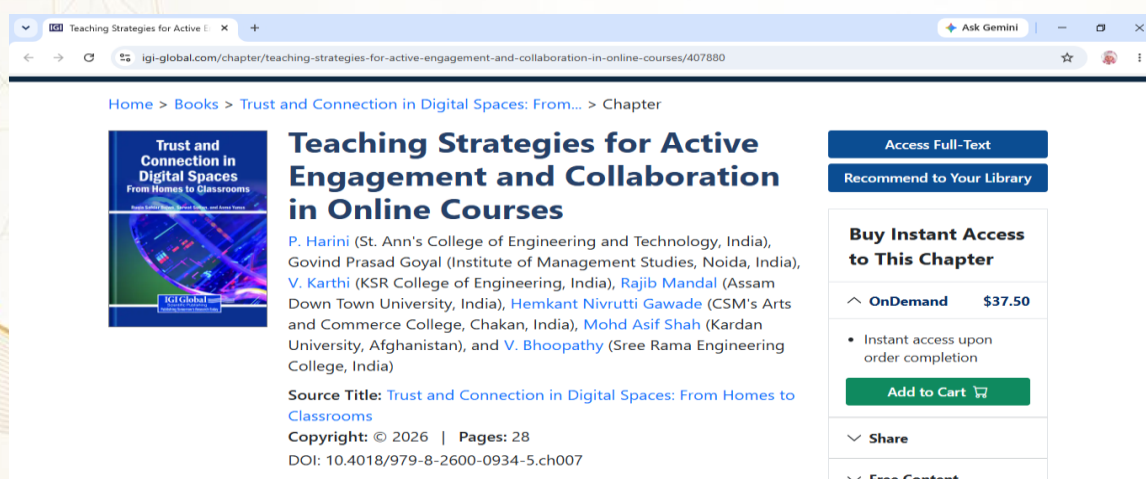
Key Concepts Covered:

The chapter explores the **behavioural, cognitive, and emotional dimensions of learner engagement** in online education. It discusses strategies for promoting **active participation, collaborative learning, critical thinking, social interaction, inclusivity, and motivation** through pedagogical approaches and digital technologies. It also examines emerging directions involving **Artificial Intelligence, learning analytics, and immersive technologies** in creating interactive digital classrooms.

Available at:

https://www.igi-global.com/chapter/teaching-strategies-for-active-engagement-and-collaboration-in-online-courses/40780?utm_source=chatgpt.com

Publication: IGI Global | **International Book Chapter**



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Teaching Strategies for Active Engagement and Collaboration in Online Courses

P. Harini (St. Ann's College of Engineering and Technology, India), Govind Prasad Goyal (Institute of Management Studies, Noida, India), V. Karthi (KSR College of Engineering, India), Rajib Mandal (Assam Down Town University, India), Hemkant Nivrutti Gawade (CSM's Arts and Commerce College, Chakan, India), Mohd Asif Shah (Kardan University, Afghanistan), and V. Bhoopathy (Sree Rama Engineering College, India)

Source Title: *Trust and Connection in Digital Spaces: From Homes to Classrooms*

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Dr. Ratna Raju Mukiri

COMPUTER NETWORKS

Authors:

Dr. P. V. Siva Kumar, Mr. M. Sakthivel, **Dr. Ratna Raju Mukiri**, Abhinav Kumar

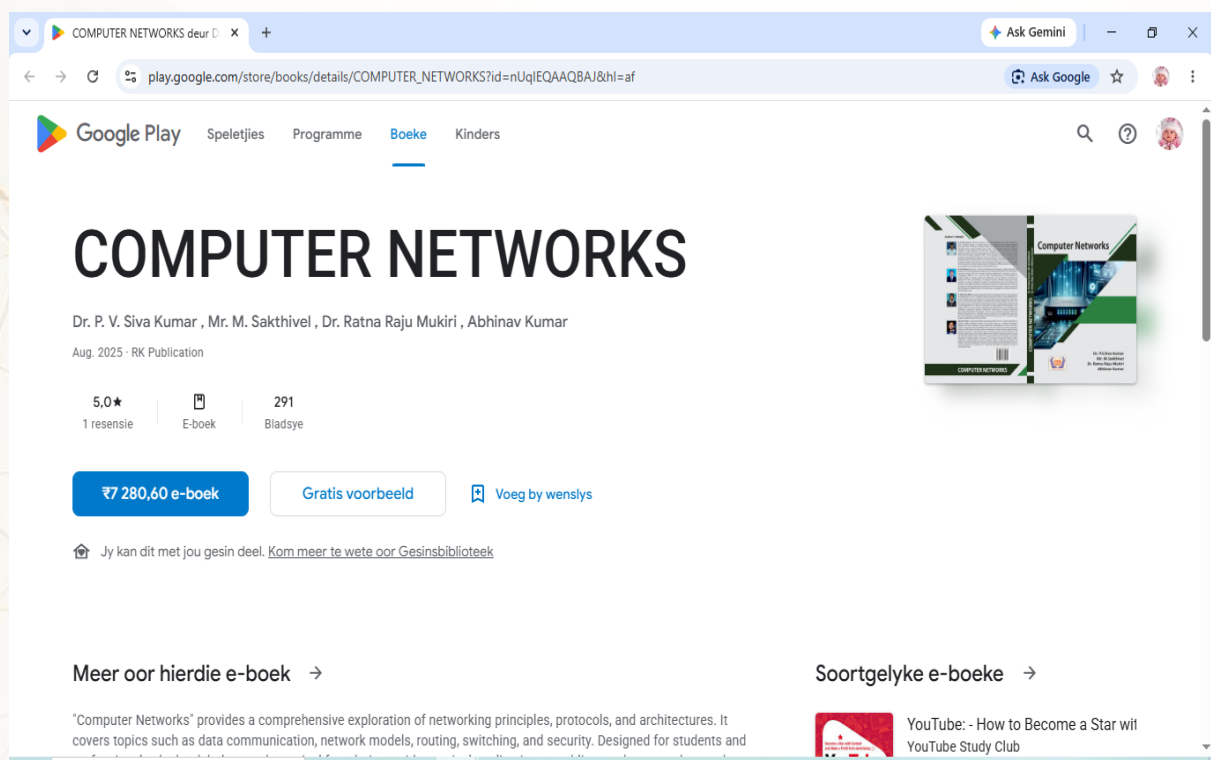
Key Concepts Covered:

The book provides a comprehensive understanding of **networking principles, communication protocols, and network architectures**. Major concepts include **data communication, network models, routing, switching, and network security**, combining theoretical foundations with practical applications for understanding and managing modern network systems.

Available at:

[Google Play Books – COMPUTER NETWORKS](https://play.google.com/store/books/details/COMPUTER_NETWORKS?id=nUqlEQAAQBAJ&hl=af)

Publisher: RK Publication | **International Publication** | 2025



Students – The Driving Force of CSE

Students are the true energy and inspiration behind the Department of Computer Science and Engineering. With curiosity, creativity, determination, and a passion for technology, they transform classroom learning into meaningful achievements and innovative ideas.

Beyond academics, our students actively excel in **technical competitions, hackathons, certifications, internships, research, sports, cultural activities, and community initiatives.** Their accomplishments reflect not only their individual talent but also the department's commitment to nurturing confident, skilled, responsible, and industry-ready professionals.

We celebrate the journey, achievements, talents, and aspirations of our students—the driving force that continues to shape the future of technology and society.



Academic Achievers

The **Academic Achievers** of the CSE Department represent **dedication**, **perseverance**, and a strong commitment to **excellence**. Their outstanding performance reflects their **academic brilliance** and serves as an **inspiration** to fellow students to strive for **greater achievements**.

I year I Sem

S. No	HTNO	Student Name	%
1	24F01A05G8	SHAIK ABDUL RIHAN	88.4
2	24F01A05I5	SYED NIHITHA BHANU	86.86
3	24F01A05E0	PATAN RASHIN	86.86
4	24F01A0509	ANNAPUREDDY SWATHI	86.35
5	24F01A0555	GANDI ASRITHA NAGA SAI	85.32

II year I Sem

S. No	HTNO	Student Name	%
1	23F01A0524	CHATRASI YAMINI	88
2	23F01A0534	DEVARAPALLI SARA	88
3	23F01A0516	BINGINENI LAVANYA	85.5
4	23F01A05G4	SAVANAM HEMAKSHI	85
5	23F01A0567	JAGARLAMUDI MANASA	82

III Year I Sem

S. No	HTNO	Student Name	%
1	22F01A0563	KARPOORAPU VANI PRIYA	86.92
2	22F01A0503	AKULA LAKSHMI PRIYANKA	86.92
3	22F01A05I5	VARDHANAPU SURYA PRAKASH	85.52
4	22F01A05A4	NASAKA LIKHITHA	85.52
5	22F01A0559	JAMPANI SUMASRI	84.83

IV Year I Sem

S. No	HTNO	Student Name	%
1	21F01A0523	BOKKISAM BHAVANA SREEJA	79.46
2	21F01A05F2	IMMADISETTY SWATHI	78.15
3	21F01A05J0	SURAGANI BINDU MANASA	78.15
4	21F01A05F6	KOLASANI SIVA MANIKANTA	78.15
5	21F01A05J6	YADAMA GOWRI SHANMUKHA PRIYA	78.15

I Year II Sem

S.No	Roll.No	Student Name	%
1	24F01A0555	GANDI ASRITHA NAGA SAI	82.26
2	24F01A05G8	SHAIK ABDUL RIHAN	82.26
3	24F01A0566	GUNDA RUPA TANISHQ SRI VASAVI	80.79
4	24F01A05E0	PATAN RASHIN	80.79
5	24F01A0553	GAMIDI PURNA SEKHAR	79.33

II Year II Sem

S.No	Roll.No	Student Name	%
1	23F01A05G4	SAVANAM HEMAKSHI	85.83
2	23F01A0545	GATTUPALLI D S V NAGA SAI MANIDEEPIKA	84.4
3	23F01A05I0	THIRUMALASETTY KAMAKSHI	84.4
4	23F01A05E9	POTNURI SRAVANI	84.4
5	23F01A05I8	VALLAMPATLA SIVA MANI DURGA	83.69

III Year II Sem

S.No	Roll.No	Student Name	%
1	22F01A05C9	PIKKI DURGA PRASAD	86.92
2	22F01A0563	KARPOORAPU VANI PRIYA	85.52
3	22F01A05I5	VARDHANAPU SURYA PRAKASH	84.13
4	22F01A05E5	SATRAM GAYATRI	84.13
5	22F01A0535	DUDDU ELISHA	84.13

IV Year II Sem

S.No	Roll.No	Student Name	%
1	21F01A0501	ACHHUTHA PAVANI GANGOTHRI	92.5
2	21F01A0502	ADAPALA SAI TARUN	92.5
3	21F01A0504	AKURATHI VENKATA GOPI KARTHIK	92.5
4	21F01A0506	ANGALAKUDURU VIJAYA LAKSHMAN	92.5
5	21F01A0508	ARANI VENKATA AMRUTHA VARSHINI	92.5

Placements – Building Pathways to Professional Success

The Department of **Computer Science & Engineering** takes immense pride in the successful career journeys of its students. The **2021–2025 batch placement summary** reflects the department's commitment to preparing students with the knowledge, technical skills, and confidence required to enter the professional world.

With students securing opportunities in reputed organizations such as **Amazon, TCS, Infosys, Capgemini, Cognizant, Thoughtworks, IBM, Tech Mahindra, Wipro, HCLTech, Hexaware, NEC, Verisk, Coforge, Flipkart, and Sutherland**, the department continues to bridge the gap between **academic learning and industry expectations**.

These achievements stand as a testament to the hard work and determination of our students, the guidance of faculty, and the collective efforts towards building successful careers. **From the classrooms of today to the workplaces of tomorrow, our students are confidently stepping forward to shape their professional future.**

OUR PRIDE – OUR WINNERS

 Adapala Sai Tarun 21F01A0502 INFOSYS	 Akurathi Venkata Gopi Karthik 21F01A0504 CADSYS	 Anamaneni Pranathi 21F01A0505 HEXAWARE	 Ankem Hari Krishna 21F01A0507 INFOCEPTS	 Asadi Akash Reddy 21F01A0509 SUTHERLAND
 Asadi Prudhvi 21F01A0510 CAPGEMINI	 Avvaru Bhanu Deepthi 21F01A0513 WIPRO	 Ballikurava Salomi 21F01A0514 NEC	 Bethalam Mohan Raju 21F01A0516 ADIT	 Bhavanam Vinay Kumar Reddy 21F01A0517 DIGITAMIZE

 Bhimavarapu Yaswanth 21F01A0518 SUTHERLAND	 Koti Nayudu 21F01A0519 CODETANTRA	 Boddu Kavya 21F01A0521 SUTHERLAND	 Bokkisam Bhavana Sreeja 21F01A0523 SUTHERLAND	 Bolisetty Baby Suvarna 21F01A0524 THOUGHTWORKS
 Gutti Leela Kumar 21F01A0525 INFOSYS	 Ananth Kumar 21F01A0527 NXSTSINC	 Chinnam Ramya Naga Jyothi 21F01A0530 HEXAWARE	 Darala Ayyapa 21F01A0531 YALLAS TECHNOLOGY	 Devarakonda Joshnavi 21F01A0533 TCS
 Dhulipalla Bharath Kumar 21F01A0536 VERISK	 Garikina Nani 21F01A0538 FLIPKART	 Gattu Dinesh Ram 21F01A0539 INNOVASPHERE	 Gogana Vamsi Krishna 21F01A0541 NEC	 Gollaprolu Chandra Sekhar 21F01A0542 DIGITAMIZE
 Gosala Mahesh 21F01A0543 WIPRO	 Gowrabathuni Naga Sai Charan 21F01A0545 INFOCEPTS	 Jagabattini Chaitanya Ganesh 21F01A0547 INFOSYS	 Kagitala Smily 21F01A0549 INFOSYS	 Kakaraparthi Sai Srikanth 21F01A0550 SUTHERLAND
 Kanamala Joseph Kelly 21F01A0551 ADIT	 Kantheti Durga Mydhili 21F01A0552 IBM	 Kareti Srikanth 21F01A0553 TRICON	 Kavuri Srinivas 21F01A0554 HEXAWARE	 Kolamudi Hema Amrutha 21F01A0556 TECH MAHINDRA

 Kollipara Env Manikanta Sai 21F01A0557 CADSYS	 Kota Sai Avinash Reddy 21F01A0559 AMAZON	 Lanka Sowmya Sri 21F01A0560 HCLTECH	 Maddirala Aishwarya 21F01A0561 NEC	 Mannem Ysaswini 21F01A0563 SUTHERLAND
 Meriga Deepak 21F01A0564 FLIPKART	 Padamati Monica Sri 21F01A0572 SUTHERLAND	 Pakala Durga Devi 21F01A0573 INFOCEPTS	 Palaparthi Priyanka 21F01A0575 SUTHERLAND	 Paleti Ajith Kumar 21F01A0576 CODETANTRA
 Pallaprolu Naga Bhavani 21F01A0578 NAGARRO	 Patan Sameer 21F01A0581 PRASTHANA	 Penugonda Charan Venkata Sai 21F01A0582 ADIT	 Perala Sai Swarupa 21F01A0584 TECH MAHINDRA	 Pitla Pavithra 21F01A0587 AMAZON
 Ponnuru Lakshmi Swapnika 21F01A0588 SUTHERLAND	 Prathima Meruga 21F01A0590 TCS	 Purimetla Krishna Deepika 21F01A0592 CODETANTRA	 Sagiri Manikanta 21F01A0599 INFOCEPTS	 Sanka Janakiramgupta 21F01A05A1 ADIT
 Sannamuri Lakshmi Tanuja 21F01A05A2 HEXAWARE	 Satuluri Tejas 21F01A05A3 THOUGHTWORKS	 Shaik Najeer Ahamad 21F01A05A8 FLIPKART	 Shaik Tasleem 21F01A05B0 SUTHERLAND	 Shaik Thahasini Vasiya 21F01A05B1 INNOVASPHERE

 Sharooq Basha Shaik 21F01A05B2 TCS	 Tadiboyina Deepika Vani Dhar 21F01A05B3 SUTHERLAND	 Tavva Sravya Sri 21F01A05B5 TELEPERFORMANCE	 Udaya Deepika Yarajala 21F01A05B9 DIGITAMIZE	 Ummareddy Sathwika 21F01A05C0 SUTHERLAND
 Usurupati Blessi 21F01A05C1 SUTHERLAND	 Vangara Venkata Dhanush 21F01A05C4 CADSYS	 Velaga Sri Harsha 21F01A05C5 TACHYON	 Vemuri N V Sita Rama Siva Sai Ganesh 21F01A05C6 FLIPKART	 Yarra Nageswara Rao 21F01A05D1 NEC
 Yenumula Bhanu Sree 21F01A05D2 SUTHERLAND	 Addepalli Hari Supriya 21F01A05D4 HEXAWARE	 Anusha Glory Kiethepalli 21F01A05D5 INFOSYS	 Atla Sri Lakshmi 21F01A05D6 CADSYS	 Bandlamudi Vignitha 21F01A05D7 CAPGEMINI
 Bellamkonda Devi Sri 21F01A05D8 SUTHERLAND	 Bhuvanagiri Siddu Vijay Sankar 21F01A05D9 YALLAS TECHNOLOGY	 Boddu Sai Karthik 21F01A05E0 INFOCEPTS	 Bommisetty Kusuma Durga Ravali 21F01A05E1 SUTHERLAND	 Challa Pujitha 21F01A05E2 ADIT

 Ganji Yaswanth Pavan Kumar 21F01A05E3 CODETANTRA	 Gattu Lakshmi Prasanna 21F01A05E4 VERISK	 Gavini Anitha 21F01A05E5 TECH MAHINDRA	 Goparaju Yogitha 21F01A05E6 FLIPKART	 Gowrabathuni Deepika 21F01A05E8 WIPRO
 Gujjarlapudi Priyanka 21F01A05F0 SUTHERLAND	 Gunji Varshini 21F01A05F1 SUTHERLAND	 Jala Suguna 21F01A05F3 SUTHERLAND	 Karanam Bhavya 21F01A05F4 COGNIZANT	 Kolasani Manisha 21F01A05F5 SUTHERLAND
 Kollimarla Dinesh 21F01A05F7 CADSYS	 Kunapareddy Dinkle Manikanta 21F01A05F9 SUTHERLAND	 M Mahalakshmi 21F01A05G2 CODETANTRA	 Muthireddy Meghana 21F01A05G6 INFOSYS	 Nandipati Hema Sai Varshitha 21F01A05G9 SUTHERLAND
 Madhura Sri 21F01A05H0 REDEMPTRIX	 Karna Hemanth Kumar 21F01A05H1 NAGARRO	 Palagarla Venkata Swathi 21F01A05H2 YALLAS TECHNOLOGY	 Pallagorla Pujitha 21F01A05H3 SUTHERLAND	 Perisetla Kiranmayee 21F01A05H5 INFOSYS
 Pinjala Madhavi 21F01A05H6 TCS	 Pucha Gowtham Kumar 21F01A05H7 CADSYS	 Pulagam Sai Sushma 21F01A05H8 SUTHERLAND	 Putta Monika 21F01A05H9 INFOSYS	 Ragutu Sushma Sri 21F01A05I0 TELEPERFORMANCE

 Ramanadham Teva Pavani 21F01A0511 CADSYS	 Routhu Naga Rishitha 21F01A0512 SUTHERLAND	 Sammeta Sravanthi 21F01A0513 COGNIZANT	 Sapram Suma Sri 21F01A0514 DIGITAMIZE	 Seelam Amrutha 21F01A0515 CUBIC
 Shaik Ameer Mahamad Hussien 21F01A0517 PRASTHANA	 Shaik Sarfaraz 21F01A0518 VERISK	 Siddam Sathvika 21F01A0519 COGNIZANT	 Syed Intiyaz 21F01A05J1 CAPGEMINI	 Tirumalasetty Raja Poojitha 21F01A05J2 INFOSYS
 Ummiti Asha Parameswari 21F01A05J3 TELEPERFORMANCE	 Vallabhapurapu Nikhitha 21F01A05J4 CODETANTRA	 Vignesh Padmanabhuni 21F01A05J5 COFORGE	 Yalakanti Jyothirmai 21F01A05J7 INFOSYS	 Yannam Sai Ramana 21F01A05J8 THOUGHTWORKS
 Chinthagunta Sri Vamsi Sai Krishna 22F05A0502 ADIT	 Dokku Tejaswi Raghav 22F05A0503 THOUGHTWORKS	 Kesanapalli Nasar Teja 22F05A0504 SUTHERLAND	 Seeleampalli Divya 22F05A0506 COGNIZANT	 Harika Thotakura 22F05A0509 TRICON
 Palla Sri Lakshmi 22F05A0512 NEC	 Macharla Priyanka 22F05A0513 YALLAS TECHNOLOGY	 Vatti Rajitha 22F05A0518 TECH MAHINDRA		

Alumni Success Stories

M. Vamsi Krishna

- **Batch:** 2007–2011
- **Current Role:** Senior Technical Consultant
- **Organisation:** ServiceNow



Welcome Mr. Vamsi Krishna, we are honoured to have this conversation with you, could you please share your bond with our department and college?

Hi Akash, the pleasure is all mine. I am truly delighted to have this opportunity to reconnect with my alma mater and share my memories with the present generation of students.

Could you share the most treasured memory of your college life?

My life as a **student of the CSE Department at SACET** will always remain a **golden chapter** in my life. I fondly cherish the vibrant college festivals, department events, and the wonderful friendships built during those four formative years. One of my **most treasured memories** is the **photograph** taken the day after I secured my **placement** through **campus recruitment** at **IGATE Patni**. That milestone continues to fill me with immense joy, pride, and gratitude.

Can we speak about your career growth?

My professional journey began with **IGATE Patni**, where I started my career as a **Software Engineer** and built a strong foundation in the technology industry. Later, I joined **ServiceNow**, which opened new opportunities for professional growth and greater responsibilities. My career journey eventually took me overseas to **Canada**, where I continue to build my professional experience. Today, I am proud to be working as a **Senior Technical Consultant at ServiceNow**, contributing to innovative technology solutions and serving customers across global markets.

A Few Words for an Aspiring Technical Professionals like us?

My advice to aspiring technical professionals is to **master one programming language or technology thoroughly** and build a strong foundation. Stay curious and keep learning new tools and technologies as the industry continues to evolve. **Enjoy your student life, focus on your basics, and always remain open to learning new things.**

Interviewer: M. Akash

A. Meena

- **Batch:** 2018–2022
- **Current Role:** AWS consultant
- **Organisation:** Deloitte



Could you share a brief overview of your professional journey after graduation?

After completing my graduation, I began my professional journey with **Tata Consultancy Services (TCS)**, where I worked for initial years as a Data Engineer. Recently, I transitioned to **Deloitte**, this move has exposed me to new challenges, **diverse client environments**, and **advanced data engineering practices**, helping me expand my technical knowledge and professional experience.

The IT industry is evolving very rapidly. What are some of the important trends and challenges that you observe today?

The IT industry is rapidly evolving with trends such as **AI, Cloud Computing, Data Engineering, Automation**, and **Cybersecurity**. To succeed, students must **continuously learn, adapt to changing technologies**, and build **strong fundamentals** and **problem-solving skills**.

Apart from technical knowledge, what has the software industry taught you?

Beyond technology, the industry has taught me valuable skills such as **communication, teamwork, time management, curiosity, and consistency**, helping me grow both personally and professionally.

What advice would you like to share with the current generation of students?

Believe in yourself, build strong fundamentals, stay consistent, and never fear failure—every challenge is an opportunity to learn and grow.

That is truly inspiring. Is there one final thought you would like students to remember?

Yes—always remember:

“Your degree gives you an entry, but your skills and attitude decide your growth.”

Thank you, Meena, for sharing your valuable experiences, insights, and advice with us.

Thank you, Sahithi! It was wonderful sharing my journey, and I hope my experiences inspire students to stay curious, work consistently, and confidently pursue their dreams.

Interviewer: K. Sahithi

MOUs --- Industry Partnerships

The Department of **Computer Science & Engineering** continues to build strong and meaningful partnerships with industry, creating opportunities for students to gain practical exposure beyond the classroom. During the **academic year 2024–2025**, the department benefited from both newly established and continuing collaborations in areas such as **Cybersecurity, Software Development, Artificial Intelligence, Data Science, Cloud Computing, training, internships, projects, and Faculty Development Programmes**.

A. New Industry Collaboration — 2024–2025

S.No	Industry Partner	Date of Collaboration	Focus Areas	Key Impact
1	MIBIZ Cyberforensics Thiruvananthapuram	17-02-2025	Cybersecurity training, internships, FDPs and projects	Cybersecurity certifications, internship opportunities and digital forensic project exposure

B. Continuing Industry Collaborations — Active During 2024–2025

S.No	Industry Partner	Validity Period	Major Areas of Collaboration
1	Tech Mahindra, Bangalore	04-05-2024 to 10-07-2027	Training, recruitment support, workshops and internships
2	KeshavSoft, Kakinada	02-03-2024 to 03-05-2030	Training, recruitment, workshops, internships and incubation
3	TR Tech Solutions, Hyderabad	23-08-2023 to 23-08-2032	Training, recruitment assistance, workshops and internships
4	Manac Infotech Pvt. Ltd., Hyderabad	12-03-2023 to 11-06-2030	Industry training, workshops and internships
5	ExcelR, Hyderabad	10-10-2022 to 10-10-2024*	Training, workshops, internships and FDPs in AI, Data Science and Cloud
6	Make Skilled, Vijayawada	08-08-2020 to 08-12-2030	Training, workshops, internships and projects
7	Brain 'O' Vision, Hyderabad	05-09-2016 to 05-09-2026	Training, workshops, internships, FDPs and projects
8	Indian Servers, Vijayawada	10-08-2017 to 10-08-2027	Training, workshops, internships, FDPs and projects

Together, these collaborations reflect the department's sustained efforts to create a strong **industry-academia ecosystem**. By continuously providing opportunities for training, internships, projects, certifications, and industry exposure, the **CSE Department works tirelessly towards enhancing the skills, employability, and overall professional growth of its students**.

Our Scholarship Champions

The Department of **Computer Science & Engineering** takes pride in the achievements of its students who have received scholarships during the **academic year 2024–2025**. Through prestigious scholarship schemes offered by organizations and institutions, deserving students received valuable financial support to continue their educational journey with confidence and determination.

The scholarship recipients from the CSE Department were recognized under schemes such as the **Lotus Petal Foundation Scholarship, Reliance Foundation Scholarship, Pragathi Scholarship, and Saksham Scholarship**. These opportunities not only provide financial assistance but also encourage students to pursue their academic aspirations and build a brighter future.



S. No	Name of the Student	Branch	Hall Ticket Number	Scholarship Scheme
1	Sripalasetty Vijaya Renuka	CSE	24F01A0513	Lotus Petal Foundation Scholarship
2	Gandi Asritha Naga Sai	CSE	24F01A0555	Reliance Foundation Scholarship
3	Depuri Mounika	CSE	24F01A0543	Pragathi
4	Depuri Pavani	CSE	24F01A0544	Pragathi
5	Divvela Nikileshwar	CSE	24F01A0547	Saksham

IIT Bombay Spoken Tutorials

The Department of **Computer Science & Engineering** continues to promote skill-based learning through the **IIT Bombay Spoken Tutorial Programme**. During the **Academic Year 2024–2025**, students actively participated in certification programmes across a wide range of programming languages, software technologies, and essential computing tools.

IIT Spoken Tutorial Certifications Summary AY:2024 -2025

S.No	Year	Subject / Technology	Certified Students
1	II	CSS	163
2	II	Bootstrap	163
3	II	Bash	163
4	II	CPP	151
5	II	Java	142
6	II	Python	151
7	II	C	147
8	II	CSS	182
9	III	Bootstrap	182
10	III	Bash	182
11	III	HTML	178
12	III	PHP & MySQL	177
13	IV	Git	170
14	IV	Bootstrap	171
15	IV	Bash	171
16	IV	Java	164
17	IV	JavaScript	160
18	IV	Linux	162
Total Certifications			2,979



NPTEL — Expanding Knowledge Beyond the Classroom

The Department of **Computer Science & Engineering** continues to encourage students to enhance their knowledge through **SWAYAM / NPTEL / MOOC** courses. During the **academic year 2024–2025**, **283 students registered**, with **267 students successfully earning certifications**, achieving an impressive **94.34% pass percentage**.

The courses enabled students to strengthen their knowledge across important domains such as **Python, DBMS, Machine Learning, Computer Networks, IoT, and IRS**, reflecting the department's commitment to promoting **self-learning, continuous skill development, and academic excellence beyond the regular curriculum**.



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MUNNANGI AKASH

for successfully completing the course

Business Intelligence & Analytics

with a consolidated score of **65 %**

Online Assignments	23.75/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2631**



Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Apr 2025
(12 week course)



M. Vignesh
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



FREE ONLINE EDUCATION
swayam
— Only for the masses, always free —

ISTE and CSI Student Chapters

The **ISTE and CSI Student Chapters** of the Department of **Computer Science & Engineering** continued to provide vibrant platforms for students to explore emerging technologies, strengthen their technical knowledge, and showcase their talents beyond the classroom. During the period **20 September 2024 to 13 September 2025**, the chapters organized a variety of activities, including **technical contests, seminars, poster presentations, hackathons, and interactive events**.

Through these engaging initiatives, students gained exposure to contemporary domains such as **Software-Defined Networking, Artificial Intelligence, Quantum Computing, Robotics in Healthcare, and Progressive Web Applications**. These activities reflect the department's continued commitment to fostering **innovation, technical competence, creativity, and professional development** among its students.



A Few Highlights

S.No	Student Chapter	Name of the Event	Level	Date
1	ISTE	A Seminar on AI in Daily Life	Institute	10-12-2024
2	ISTE	Poster Presentation on Robotics in Health Care	National	07-01-2025
3	CSI	Poster Presentation on Progressive Web Applications (PWA)	Institute	03-02-2025
4	ISTE	Hackathon	National	05-03-2025
5	CSI	Algorithm Arena	Institute	02-04-2025

Cruisers Elite

Cruisers Elite, the student-led technical club of the Department of **Computer Science & Engineering**, serves as a vibrant hub for **creativity, innovation, and collaborative learning**. The club provides students with opportunities to explore their talents beyond academics while strengthening their technical knowledge, leadership qualities, communication skills, and team spirit.

Highlights of Cruisers Elite 2025

- **Hackathons** – Quick problem-solving and innovative project building under time limits.
- **Coding Rounds** – Testing programming logic, efficiency, and accuracy.
- **Technical Quiz** – Fun way to expand knowledge on computer science and latest trends.
- **Poster Presentations** – Showcasing creative ideas through design and visualization.
- **Seminar Practice Sessions** – Boosting communication, confidence, and presentation skills.
- **Team Competitions** – Encouraging collaboration and leadership among students.
- **Fun Games & Icebreakers** – Balancing technical challenges



Trends & Future Tech

APP REVIEW

LinkedIn – Professional Networking & Career Growth



Category: Jobs / Professional Development

Platform: Android, iOS, Web

Overview: LinkedIn is the go-to platform for building professional connections, showcasing your skills, and exploring job opportunities. It also offers learning resources, industry news, and networking events tailored to your field.

Key Features:

- Professional profile creation & skill endorsements
- Job search and application tracking
- LinkedIn Learning for courses and certifications
- Networking with peers, alumni, and industry experts

Pros:

- Expands professional network
- Job alerts & recommendations
- Access to career development courses

Cons:

- Premium subscription required for advanced features
- Can feel overwhelming for new users

Ideal For: Students seeking internships, graduates entering the job market, professionals looking to upskill

Rating: ★★★★★ (4/5)

Article By



B. Bhavana Sreeja

21F01A0523

TOOL OF THE YEAR

GITHUB COPILOT -AI Powered Coding Assistant



Category: AI / Software Development / Programming

Platform: Web / Desktop / IDE Integration

Overview: GitHub Copilot is an AI-powered coding assistant that helps developers write, understand, debug and improve code. In 2025, its evolution towards AI-assisted and agentic software development made it one of the most influential tools in the programming world.

Key Features:

- Intelligent code suggestions and code generation, Copilot Chat for coding assistance
- Code explanation and problem-solving support, Debugging and error resolution
- Code editing across multiple files, Agent-based assistance for software development tasks

Pros:

- Speeds up the coding process, helps developers understand complex code
- Reduces repetitive programming tasks, supports multiple programming languages
- Integrates with popular development environments

Cons:

- Generated code may sometimes contain errors, Requires human review and proper testing
- Overdependence may affect fundamental programming skills
- Some advanced features require a subscription

Ideal For:

Students, programmers, software developers, researchers and software development teams.

Available At:

GitHub Copilot – Available through GitHub and supported development environments such as **Visual Studio Code, Visual Studio and JetBrains IDEs.**

Article By



K. Siva Manikanta

21F01A05F6

TECH PUZZLE CORNER

Think | Analyze | Solve

MAZE ADVENTURE

CREDITS

LEVEL: **PATHFINDER**

MAZE ADVENTURE: THE SHORTEST ROUTE CHALLENGE!
Your goal is to guide the explorer from node 'A' to node 'B' by finding the single **absolute shortest path** through this entire network. Consider the distances of each connecting path.

WHICH ALGORITHM SHOULD THE EXPLORER CHOOSE TO FIND THE SHORTEST PATH?

LEVEL: **PATHFINDER** CREDITS

Puzzle By



S. Naga Karthik
(22F01A05E7)

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THE HUMOUR CORNER

A Day in the Life of a CSE Student

"It Works on My Laptop!"

Same Code.
Same Confidence.
Different Computer.
Different Story!



1. Submission Day!

Finally! My project is ready. It works perfectly on my laptop!

COMPUTER LAB

2. In the Lab...

Please run your program.

Sure, ma'am!

3. Reality Strikes!

ERROR
...
Build failed.
See the errors above.

What? That's strange... Let me try again.

4. Still an Error...

ERROR
...
Build failed.
See the errors above.

This can't be happening! It was working fine yesterday!

DEBUG
RESTART
GOOGLE
PRAY

5. The Friend to the Rescue!

Bro... did you save the file?

...

6. The Moment of Truth!

main.py •

File Edit View Run Terminal Help

Save Ctrl+S

Save As...

✓ Auto Save

Unsaved Changes

Oh no... I didn't save it!

7. Success!

It works!

See, ma'am! It was working all along.

PROBLEM OUTPUT TERMINAL

...
Program executed successfully!

CSE Student Rule #101:

Before debugging the code, make sure you actually saved it! 😊

Same code. New lessons. That's CSE life!

EAT CODE DEBUG REPEAT

GOOD CODERS LEARN ALWAYS

It's not just a degree, it's a collection of stories! — CSE ❤️

IDEAS
BUGS
FEATURES
PLACEMENTS

Designed by



G.H.V.N Manideep
22F01A0545

CSE ON THE FIELD

At CSE, we believe that a great mind also needs a strong body. Sports provide the perfect balance to academics, helping students build discipline, teamwork, leadership and resilience. The department actively encourages students to participate in various sports and games, be it on the college grounds or in inter-department competitions, fostering a vibrant and healthy campus life.




TEAMWORK
Beyond Assignments


DISCIPLINE
Beyond Deadlines


FITNESS
Beyond the Screen


CHAMPIONS
In Every Field

*Play
Compete
Grow Together!*





Editorial Desk Message

Being a part of **TechVista** has been an inspiring journey of creativity, learning, teamwork, and innovation. As the Student Team behind this edition, we express our heartfelt gratitude to our **Respected Head of the Department, Dr. P. Harini Madam**, our **Honourable Principal, Dr. K. Jagadeesh Babu Sir**, our beloved **Management**, and all the faculty members of the CSE Department for their invaluable support. We also sincerely thank every student, contributor, alumnus, and well-wisher whose ideas, achievements, memories, and experiences have made this edition truly special. TechVista is a reflection of our collective efforts and the vibrant spirit of our department, reminding us that when we come together with a shared vision, we can learn, create, and innovate.

Student Editorial Team,
Department of CSE

Team Behind Tech Vista

 M. Akash (22F01A0596) Chief Editor	 G.H.V.N Manideep (22F01A0545) Associate Editor	 S.N. Karthik (22F01A05E7) Design & Technical Editor	Faculty Mentor  Mrs. M. Anusha Assistant Professor
 V.S.N.V Deepthi (22F01A05G1) Content & Documentation Editor	 K.V.L. Sahithi (22F01A0578) Proofreading Editor	 K. Sindhura (22F01A0562) Creative Editor	

TECHNOLOGY
RESEARCH
DEVELOPMENT
CREATIVITY
PROBLEM
SOLVING
A BRIGHTER
TOMORROW



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“Engineering is not merely working with machines, but working for the betterment of humanity.”

— M. Visvesvaraya



HAPPY ENGINEERS DAY

15 SEPTEMBER 2025

Celebrating the vision, innovation and dedication of engineers who build a better tomorrow.

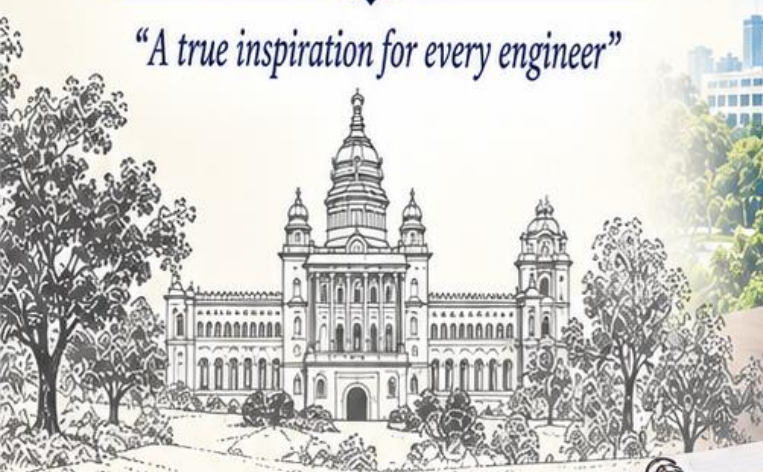
*Engineers
Build
A Better
Tomorrow*

Sir Mokshagundam Visvesvaraya

(1861 – 1962)

Bharat Ratna | Eminent Engineer | Statesman

“A true inspiration for every engineer”



AUTOMATION
INTELLIGENCE
SUSTAINABILITY
BETTER SOCIETY



— PEOPLE | PLANET | PROGRESS —