

**ISSUE**  
**July 2025 - Dec**  
**2026**



**DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY**

# **NEWSLETTER**



**DEPARTMENT OF  
ARTIFICIAL INTELLIGENCE & DATA SCIENCE**



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*From the*

## **Founder Chairman's Desk**

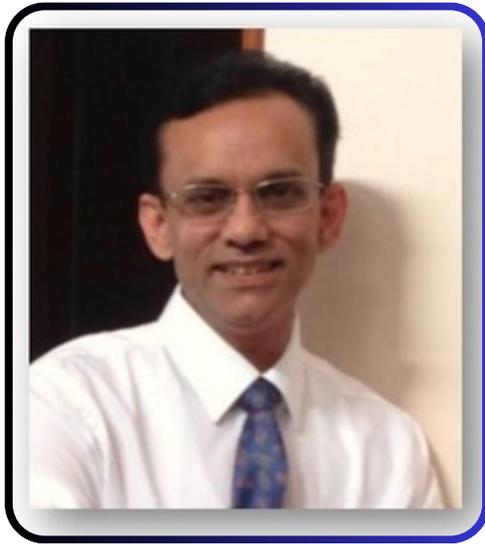
*"Education is a gift that  
one generation gives to the next"*

**T**he desire to give back to the society and nurture the next generation with a rich industrial and academic experience backed by the passion for engineering paved the way to embark on a journey to create a world-class educational institution.

We believe that today's students are craving for knowledge and they are capable of greatness. They deserve an institution that has the priorities and resources to prepare them for the future and achieve success.

We endeavor to transform our students into professionals with confidence in themselves to take decisions, be independent thinkers and ambitious in life while at the same time having the character to enjoy the finer points of life.

In order to achieve the above, our teachers are trained to understand the learning preferences and processes involved and make the difference between merely harvesting of knowledge and transferring it into actual applications.



**Mr. Manojkumar Dhirajlal, B.E., M.S. (USA),  
Chairman**

More than 30 years of experience in various aspects of Civil Engineering.

Involved in Highways & Bridges for premiere organizations like NHAI, MoRTH, NHIDCL & other State Govt. PWDs.  
Disaster Resistant Structures for premiere organizations like World bank, Asian Development Banks, UNDP, African  
Development Bank, etc

Involved in Designing of Various types of Buildings like Residential, Institutional, Healthcare, Industrial, Commercial, etc.  
Also Tourism Infrastructure projects and Sustainable Development Projects including Green Building, Defence  
Workshop Projects, etc.

"Good Education enhances the creativity, Knowledge and skills of aspiring engineers which enables to take up their profession confidently"

Today, technology is entwined in almost every part of our lives and so in our dream to offer technical education, we believe in creating a platform which encourage students and scholars to think and work passionately on innovative engineering solutions with social responsibility."



**Smt. Archana Manojkumar, M.E. (Software Engg.),  
Secretary**

Gold Medalist in M.E Software Engineering, Anna University.

More than 20 years of Industrial Experience.

Research work at Indian Institute of Science, Bangalore.

Represented Rotary Club as Team member for the GSM Program of Rotary International Foundation, to USA in the year 2001..

Dhirajlal Gandhi College of Technology serves to provide quality Engineering Education that enables the young aspirants to take part in the increasingly competitive world. The prominent features of DGCT are well experienced faculty from academics and industry, NAAC accreditation, Memberships with several Professional Associations, Centre of Excellence in various domains, MOU's with renowned companies and consultancy services. With all the above highlights DGCT received "ELICO's Best Industry - Linked Computer and IT Engineering and Allied Institute 2017 (Emerging- Degree) Award" from AICTE CII Survey.



**Dr.A.Selvaraj, M.E.,Ph.D, MISTE.,  
Principal**

DGCT offers well equipped infrastructure that helps the students to gain advantage in terms of technical knowledge and skills. We have well experienced faculty and trainers to motivate our students to enrich their professional skills. All the academic programmes offered by the Institution involves academic excellence, innovative practices in teaching and training, project based learning, industry oriented training, internships that gives placement opportunity, various personality and skill development programmes, seminars, workshops, conferences, student clubs and various activities for life skills such as yoga and meditation.



**Mr.V.Gnanasekar,M.E.,(PhD),  
Head of the Department**

The Department of Artificial Intelligence and Data Science (AIDS) was established to produce future-ready professionals with expertise in AI, Machine Learning, Data Analytics, and Intelligent Systems.

Recognizing AI's transformative role in industry and society, the department offers a dynamic, interdisciplinary, and industry-aligned academic environment.

The curriculum blends strong theoretical foundations with hands-on training in Machine Learning, Deep Learning, NLP, Computer Vision, Big Data, Cloud Computing, and IoT.

It also includes emerging areas like Edge AI, Explainable AI, AI Ethics, and Sustainable Data Science.

Students gain practical exposure through internships, live projects, workshops, and industry collaborations. They actively participate in national and international hackathons, conferences, and research symposiums. A committed team of experienced faculty mentors students to become ethical, skilled, and globally competent AI professionals.

## Vision

To enhance human life by fostering excellence in Artificial Intelligence and Data Science education and research, creating globally recognized professionals and solutions that drive social, economic, and environmental progress.

## Mission

- To deliver strong foundational and advanced knowledge in Artificial Intelligence and Data Science through innovative teaching, hands-on learning, and interdisciplinary collaboration
- To encourage research and innovation that leads to intelligent systems and data-driven solutions addressing global social, economic, and environmental challenges.
- To nurture globally competent, ethical, and socially responsible AI&DS professionals who contribute to sustainable development and lifelong learning.

## Faculty Members

S.No	Faculty Name	Designation
1	Mr.V.Gnanasekar,M.E.,(PhD).,	Head of the Dept
2	Ms.K.Srisathiya,M.E.,	Assistant Professor
3	Dr.S.Maheswari,M.E.,PhD.,	Assistant Professor
4	Mr.R.Sugavaneswaran,M.E.,	Assistant Professor
5	Ms.G.Geetha, M.E.,	Assistant Professor
6	Mr. S.Surendran, M.E.,	Assistant Professor
7	Ms. K.Tamilarasi, MCA, M.Phil.,	Assistant Professor
8	Ms.K.Bhuvanesh,M.E.,	Assistant Professor
9	Ms.V.Sumathi,M.E.,	Assistant Professor
10	Ms.M.Divyaroshini,M.E.,	Assistant Professor
11	Mr.S.Vijayakumar, M.E.,	Assistant Professor



# **Department Events**

## Aptitude Training by JCI

<b>Details</b>	<b>Description</b>
<b>Location</b>	<b>Dhirajlal Gandhi College of Technology, AI&amp;DS</b>
<b>Theme</b>	<b>Attitude Training for Students</b>
<b>Attendees</b>	<b>Class Students</b>

The Aptitude Class was conducted to help students understand the significance of developing a positive mindset, improving interpersonal skills, and fostering personal and professional growth. The sessions were structured to align with the real-world demands of corporate culture, leadership, and emotional intelligence.



## ***Objectives of the Class***

- To develop a positive and proactive aptitude
- To improve self-awareness and emotional regulation
- To enhance communication and teamwork skills
- To install resilience and confidence in challenging situations
- To prepare students for personal and professional success



## ***Session Highlights***

- Understanding Aptitude Types: Positive, negative, neutral, assertive
- Role of Mindset in Success: Growth vs fixed mindset
- Interactive Discussions and Real-life Case Studies
- Motivational stories & Group Reflections

## ***Key Learnings***

- A positive attitude creates a ripple effect in personal and academic life
- Self-discipline, gratitude, and optimism can be cultivated with practice
- Conflict resolution and emotional control are essential for teamwork
- Attitude is more valued than skills in many real-world scenarios
- Daily habits, environment, and mindset shape one's outlook

## ***Student Feedback Summary***

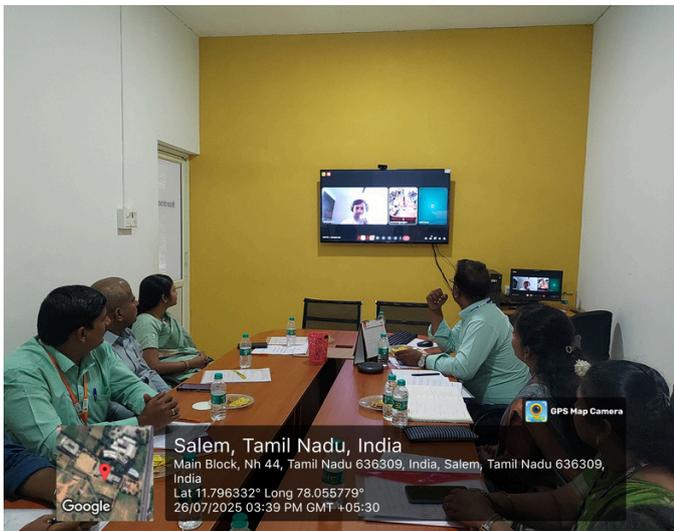
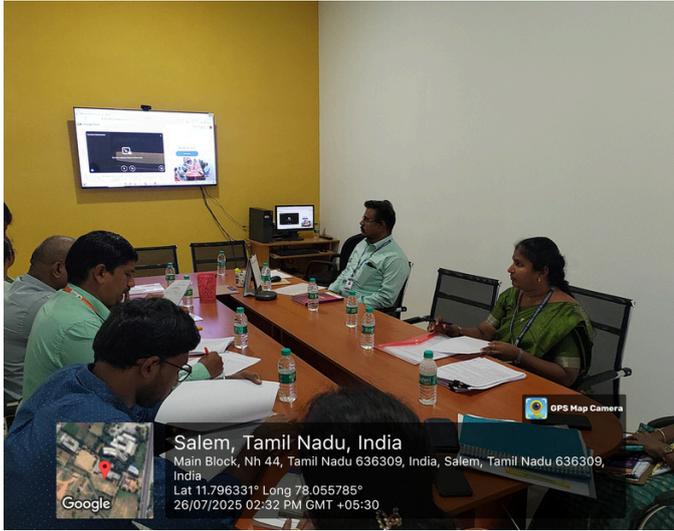
- Highly engaging and motivating
- Made us reflect on our behaviour and mindset
- Practical examples and stories made concepts easier
- Encouraged open sharing and self-expression
- Helped build better relationships with peers and faculty



The Aptitude Class was a transformative and insightful experience. It not only helped students understand the power of mindset and behaviour but also inspired many to take responsibility for their personal growth. Such sessions play a crucial role in shaping future-ready graduates.

## Board of Studies meeting

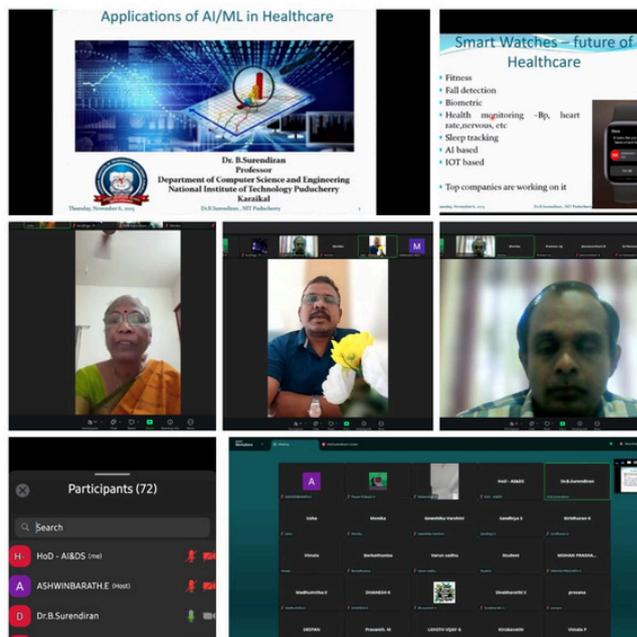
**Board of Studies meeting for Artificial Intelligence and Data Science was held on 26th July 2025 (Saturday) at 02:30 PM in Board room to finalize curriculum for the semesters I to VIII and syllabus for the semesters I to IV of Regulation 2024.**



**The meeting successfully concluded with consensus on the foundational curriculum for the 2025 batch, paving the way for a robust academic framework.**

## Insights into AI for Healthcare - Virtual Guest Lecture

The poster is for a virtual guest lecture titled "AI for Health Care" organized by the Department of Artificial Intelligence & Data Science at Dhirajlal Gandhi College of Technology, Salem. The event is in association with ASTROZ and will be held on November 6th, 2025, at 10:00 A.M. The guest lecturer is Dr. B. Surendiran, Professor of CSE at NITP, Puducherry. The poster includes the college's name, logo, and accreditation details (TNEA 2345, AICTE, Anna University, NAAC). It also lists the meeting ID (949 0218 6604) and the names of the organizers and coordinators. The college's website, www.dgct.ac.in, is provided at the bottom.



The Department of Artificial Intelligence & Data Science organized a Virtual Guest Lecture on "AI for Health Care" on 6th November 2025. The session was delivered by Dr. B. Surendiran, Professor, NIT Puducherry, offering valuable insights into deep learning applications in healthcare.

## Tech Talk on Development & DSA

The Department of Artificial Intelligence and Data Science, in collaboration with the students' technical association – Astroz, successfully organized a session as part of the Students' Tech Talk Series. This initiative aims to foster peer learning and knowledge sharing among students. As a part of this series, Mr. Pavan Prakash, a passionate and skilled student from the third year of AI&DS, was invited to deliver a talk on Data Structures and Algorithms (DSA).



During his session, Pavan shared valuable insights into core DSA concepts, highlighted their real-world applications, and discussed effective strategies for mastering them. His practical approach and clear explanations made complex topics more approachable, significantly benefiting his peers. The talk was well-received and appreciated by attendees for its relevance and impact, encouraging more students to engage actively in technical learning and peer-driven knowledge sessions.

**Dean's Interaction  
Session Empowers AI &  
DS Students**



**We are glad to share that our Dean - School of Computing, Prof. Usha mam interacted with students of our AI&DS Department today. Madam motivated the students with her valuable insights on academics, discipline, and career opportunities, and encouraged them to actively participate in learning and innovation.**

**It was truly an inspiring session, and our students greatly benefited from her guidance.**

## Mobile App Development Workshop



**The Mobile Application Development Workshop was successfully completed with active participation from the students. The session provided valuable insights into mobile application development concepts and practical approaches, enhancing the technical skills and overall learning experience of the participants. The workshop was conducted by Ms. Jeevitha P., RA / AI & DS, whose guidance and expertise contributed significantly to the success of the session.**

**Our Proud Achievements!**

## Proud Achievements!



**The Department of Artificial Intelligence & Data Science is proud to announce that our students emerged as cash prize winners at the SDG'25 - 24 Hours Hackathon. The event encouraged innovation, teamwork, and problem-solving aligned with the Sustainable Development Goals.**

**The winning teams from our department are:**

**Team Hactivators - III Year AI & DS**

**(Pavan Prakash & Team)**

**Team CodeCluster - II Year B, AI & DS**

**(Tamilarasu & Team)**

**Their outstanding performance reflects creativity, technical expertise, and collaborative spirit. The department congratulates both teams on their well-deserved success and wishes them continued achievements in future hackathons and innovation challenges.**

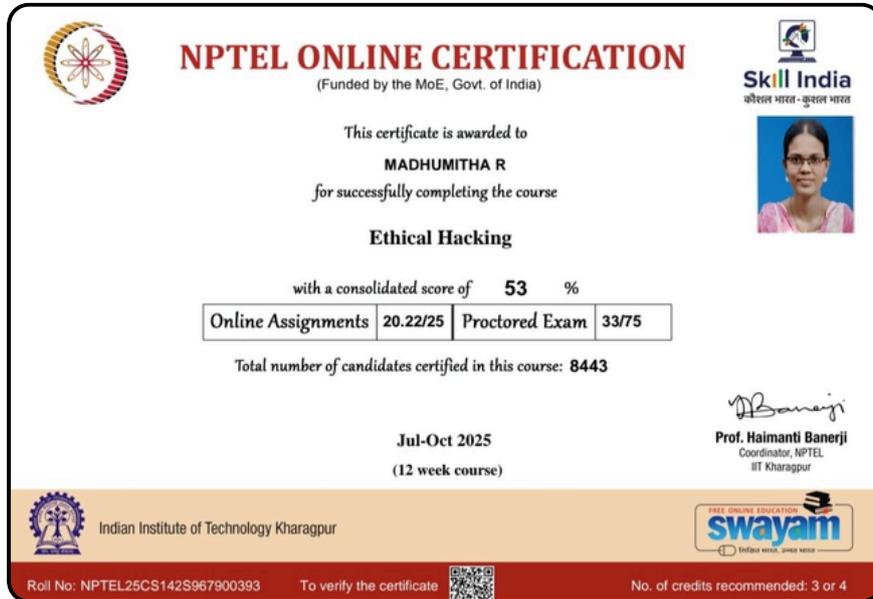
## Proud Achievements!



**The Department of Artificial Intelligence & Data Science is pleased to share that Mr. Vignesh, III Year AI & DS, has successfully completed a two-month internship at Infosys Springboard. This internship provided valuable industry exposure and practical learning experience, contributing to the student's professional skill development.**

**The department congratulates Mr. Vignesh on this achievement and wishes him continued success in his future academic and career endeavors.**

## Proud Achievements!



**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MADHUMITHA R**  
for successfully completing the course

**Ethical Hacking**

with a consolidated score of **53** %

Online Assignments	20.22/25	Proctored Exam	33/75
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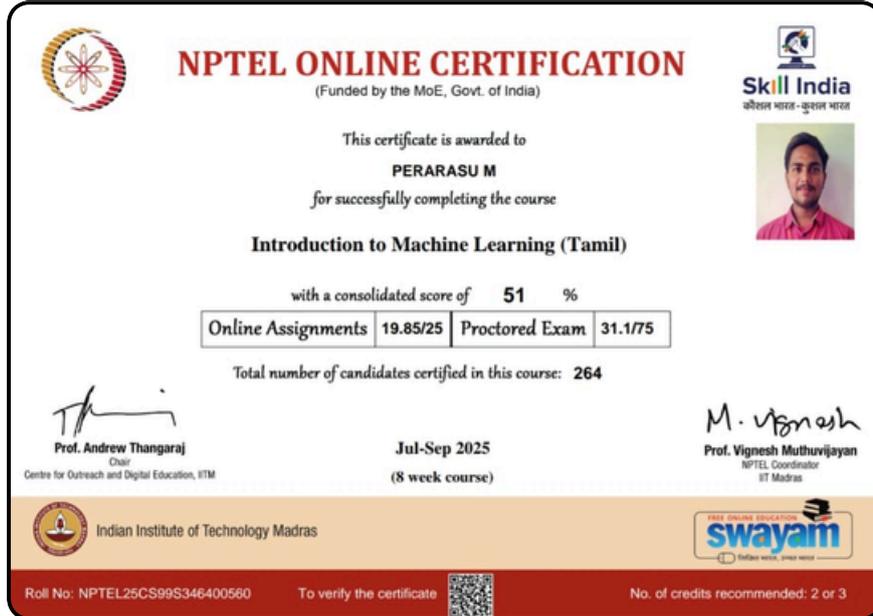
Total number of candidates certified in this course: **8443**

Jul-Oct 2025  
(12 week course)

Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

Roll No: NPTEL25CS142S967900393 To verify the certificate No. of credits recommended: 3 or 4



**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**PERARASU M**  
for successfully completing the course

**Introduction to Machine Learning (Tamil)**

with a consolidated score of **51** %

Online Assignments	19.85/25	Proctored Exam	31.1/75
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Total number of candidates certified in this course: **264**

Jul-Sep 2025  
(8 week course)

Indian Institute of Technology Madras

Prof. Vignesh Muthuvijayan  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL25CS99S346400560 To verify the certificate No. of credits recommended: 2 or 3

The Department of Artificial Intelligence & Data Science is pleased to share that our Second Year students have successfully completed NPTEL certification courses, demonstrating their commitment to continuous learning and skill enhancement.

Mr. Persrasu, II Year AI & DS, has successfully completed an NPTEL course, showcasing his dedication toward academic and professional development.

Ms. Madhumitha R, II Year AI & DS, for successfully completing the NPTEL course on Ethical Hacking, strengthening her knowledge in cybersecurity and ethical practices.

The department congratulates both students on their achievements and wishes them continued success in their academic and career pursuits.

## Proud Achievements!

We are happy to inform that the following students have successfully completed their 1-month internship at Novitech Company:



1. Binne Jenitha Mary M
2. Bavithagini U
3. Madhumitha R
4. Akshaya M
5. Divya T
6. Dharani G
7. Aachidharani R
8. Barani K

We congratulate the students for their dedication, sincere effort, and successful completion of the internship.

We wish them continued growth and success in their future learning and career opportunities.

## Proud Achievements!

The Department of Artificial Intelligence & Data Science is proud to share that Mr. Arul Balaji, a III Year AI & DS student, secured Second Prize in Kata (Senior Category) at the 1st All India Shito-Ryu Karate Championship – 2025. The championship was held at the Nelloi Nadar School Auditorium, Chennai, with participants from various parts of the country.



This achievement reflects the student's dedication, discipline, and commitment to excellence beyond academics. The department congratulates Mr. Arul Balaji on his commendable performance and wishes him continued success in his future endeavors.

## Proud Achievements!

We are delighted to announce that students from the Department of Artificial Intelligence & Data Science have secured Third Place in the Anna University 7th Zonal Level Chess Tournament.

The tournament was organized by R.P. Sarathy Institute of Technology on September 2, 2025, and witnessed participation from various institutions across the zone.



The students who represented our department with commendable skill and sportsmanship are:

**V. Veerandi - III Year AI & DS**

**P. A. Mohammed Raihaan - II Year AI & DS**

**S. Grubarani - I Year AI & DS**

This achievement reflects the students' dedication, strategic thinking, and balanced pursuit of academic and extracurricular excellence. The department congratulates the team on their outstanding performance and wishes them continued success in future competitions.

## Proud Achievements!



**The Department of Artificial Intelligence & Data Science is proud to announce that Ms. S. K. Samaya and Mr. M. Perarasu, II Year AI & DS (B) students, secured Third Place in the Paper Presentation event at a National Level Technical Symposium held at Muthayammal Engineering College, Rasipuram. The team was awarded a cash prize of ₹1,000 for their commendable performance.**

**This achievement was made possible through the continuous guidance, motivation, and support of their Class Advisor, Ms. Srisathiya, AP / AI & DS. The department congratulates the students on their accomplishment and wishes them continued success in future academic and technical endeavors.**

## Proud Achievements!



**II Year students actively participated in the 24-Hour Technical Fest – CUEST 2.0 held at Atria Institute of Technology, Bangalore, themed “Fusing Imagination with Intelligence.” The event provided students with valuable hands-on exposure to innovation-driven activities, collaborative teamwork, and real-time problem-solving. The participation enhanced their technical competencies and practical understanding while encouraging creativity and experiential learning beyond the classroom.**

## Proud Achievements!



The Department of Artificial Intelligence & Data Science is pleased to share that our final year students actively participated in a National Level Hackathon on “AI-Powered Early Warning System for Mitigating Human–Wildlife Conflict and Promoting Human–Wildlife Coexistence – Engaging Youth for Innovative Solutions.”

The students who represented the department are:

- 1.Senthilkumar
- 2.Srivarshan
- 3.Rahulprasath
- 4.Dineshkumar

The hackathon was organized by the Ministry of Environment, Forest and Climate Change, Government of India, in association with the Wildlife Institute of India, Dehradun. The event provided students with an excellent opportunity to apply artificial intelligence to real-world environmental challenges, fostering innovation, problem-solving skills, and social responsibility.

## Proud Achievements!



**The Department of Artificial Intelligence & Data Science is proud to share that Ms. Kiruthika and Ms. Priyadharshini, III Year AI & DS students, participated in a Technical Symposium held at KSR College of Engineering and secured First Prize in the Paper Presentation event.**

**This achievement reflects the students' academic excellence, research aptitude, and presentation skills. The department congratulates the students on their outstanding performance and wishes them continued success in their future academic and professional endeavors.**

## Proud Achievements!



The Department of Artificial Intelligence & Data Science proudly highlights the outstanding performance of our II Year AI & DS (A & B Section) students at the National Level Technical Symposium “TECHNOVA '25”, held at Jayalakshmi Institute of Technology, Thoppur, Dharmapuri.

The following student teams represented the department and delivered commendable performances:

### Team 1 :

- 1.KAVYA M
- 2.SHAMITHA T
- 3.GOKULAKATHIR A

### Team 2:

1. RITHIK VISHNU M
2. SRI KISHORE C
3. SABARIVEL D
4. SHANJAY SHIRAM B

Both teams secured Third Prize, showcasing strong technical knowledge, teamwork, and presentation skills. The department extends its heartfelt congratulations to the students for their achievement and expresses special appreciation to the Class Advisors for their continuous motivation and guidance.



**Placed students**

## Placed students

**Ms. Srinila S, has been successfully placed in FocusR as part of the 2026 batch with an impressive CTC of ₹3.0 LPA. Her achievement reflects strong technical skills and consistent academic excellence.**



## Placed students



**The Department of Artificial Intelligence & Data Science is delighted to share that eight students from the department have been successfully placed at StellaraEdu Tech with an impressive CTC of ₹12 LPA.**

**This achievement reflects the students' dedication, technical competence, and consistent preparation for industry requirements. The department congratulates the placed students and appreciates the continuous efforts and support of the placement team in guiding and mentoring the students toward successful career opportunities.**



**Faculty Achievements!**

## Faculty Achievements!



Mr. V. Gnanasekar, Professor and Head, successfully completed the Certified Lean Six Sigma Yellow Belt training conducted by the MSME–Technology Development Centre (CFTI), Chennai, under the Ministry of MSME, Government of India.

The training was held on 15–17 April 2025 and focused on Lean principles and Six Sigma methodologies for process and quality improvement.



Mr. Gnanasekar V., Professor and Head, participated in an Online Five-Day Workshop on “AI to Generative AI in Research Perspectives” held from 23–27 June 2025, organized by CAInDRA, Anna University, Chennai, in collaboration with CEG. The program enhanced research-oriented understanding of advanced AI and Generative AI applications.

# Faculty Achievements!



Ms. K. Srisathya, faculty member, participated in a Faculty Development Program on "Big Data Analytics" conducted by Electronics & ICT Academy, C-DAC Hyderabad from June 23-27, 2025.

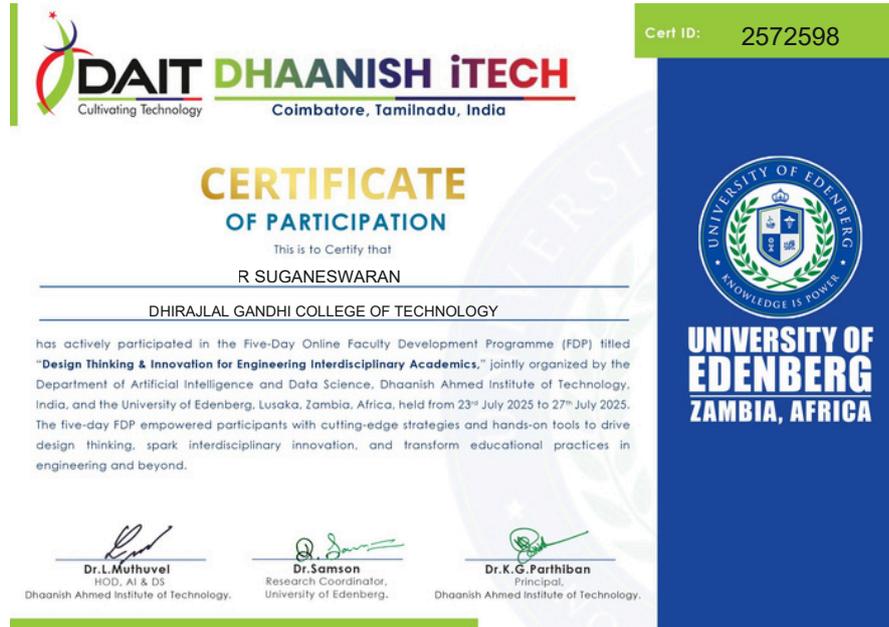
The program was supported by the Ministry of Electronics & Information Technology, Government of India.

Dr. S. Maheswari, faculty member, participated in a Faculty Development Program on "Big Data Analytics" conducted by the Electronics & ICT Academy, C-DAC Hyderabad from 23-27 June 2025, supported by the Ministry of Electronics & Information Technology, Government of India.



Mr. Suganeswaran R, faculty member, participated in a Six-Day Faculty Development Program on "Bio-Inspired Computing and Intelligent Optimisation: Bridging Nature and AI" conducted by Sri Sairam Institute of Technology from 21st to 26th July 2025. The program enhanced his understanding of nature-inspired AI and optimization techniques.

# Faculty Achievements!



Mr. R. Suganeswaran, faculty member, participated in a Five-Day Online Faculty Development Programme on “Design Thinking & Innovation for Engineering Interdisciplinary Academics” held from 23rd to 27th July 2025. The FDP was jointly organized by Dhaanish Ahmed Institute of Technology and the University of Edenberg, Zambia, focusing on interdisciplinary innovation and modern pedagogical practices.



Ms. Geetha G, faculty member, actively participated in a One-Week Faculty Development Program on “Integrating Swarm Intelligence with Artificial Intelligence and Machine Learning” held from 14th to 19th July 2025. The program enhanced her expertise in advanced AI and intelligent system integration.

## Faculty Achievements!



Ms. Geetha successfully completed the online course “Generative AI for Beginners: Build AI Chatbot” offered by Jennys Lectures, completing the program on 16th July 2025. The course enhanced her foundational knowledge in generative AI and chatbot development.



Ms. Pramiladevi S successfully completed the Three-Credit SWAYAM Online Course on “English for Research Paper Writing” offered by NITTTR Chennai during January–May 2025, securing an excellent score of 92%. This achievement enhances her research writing skills and supports academic and publication excellence.

# Faculty Achievements!



Mrs. K. Tamararasi, Assistant Professor, actively participated in a One-Day National Level Faculty Development Program (FDP) on “AI Tools for Teaching and Learning” organized by IOT Academy.



Mrs. K. Tamararasi, faculty member, actively participated in a One-Week Faculty Development Program on Recent Advancements in Artificial Intelligence (AI) and Machine Learning (ML) held from 30th June to 4th July 2025. The program enhanced her knowledge of emerging AI and ML technologies and their academic applications.

## Faculty Achievements!



Mrs. K. Tamarasi, faculty member, participated in an International 5-Day Online Professional Development Program on “Future-Ready Skills in Data Science & AI: Bridging Academia with Industry Practice” held from 21st to 25th July 2025. The program strengthened her industry-aligned skills in Data Science and Artificial Intelligence.



Mr. S. Surendran have published a research paper titled “Cinnamon Quality Classification using XGBoost” in The Academic – International Journal of Multidisciplinary Research, Volume 3, Issue 6 (June 2025). The publication reflects their contribution to machine learning-based quality assessment research.

## Faculty Achievements!



Ms. Tamararasi, Department of AI & DS, has successfully completed the 5 day FDP on Mastering the Art of Research Paper Writing from Draft to Submission from 15.09.2025 to 20.09.2025.



We are glad to share that Prof. Bhuvanesh, Department of AI & DS, has successfully completed the 55-day Boot Camp on Multi-Cloud + DevOps with AI, organized by Cloud DevOps Hub.