

THIRUTHANGALNADAR COLLEGE

(Belongs to the Chennaivazh Thiruthangal Hindu Nadar Uravinmurai Dharma Fund)
A Self Financing Co-Educational College of Arts & Science
Affiliated to the University of Madras
Re-accredited at 'B++' Grade by NAAC & An ISO 9001:2015 Certified Institution
Selavayal, Chennai, Tamil Nadu, India

DEPARTMENT OF COMPUTER SCIENCE with ARTIFICIAL INTELLIGENCE NEWSLETTER – 2024 - 2025

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Associate Professor.

VISION

The vision of the Department is to cultivate the next generation of AI experts by empowering the students with comprehensive knowledge and practical skills in computer science, specializing in artificial intelligence, and preparing them for careers at the forefront of technological innovation in AI across diverse industries.

MISSION

The mission of the Department is to provide students with a robust foundation in computer science principles and specialized expertise in AI, equipping them to tackle contemporary challenges and lead advancements in AI-driven technologies.

EVENTS ORGANIZED

- ❖ Conducted Bridge Course from 26.06.24 TO 03.07.24
- ❖ Organized an Awareness Program on Nature Conservation and Sustainable Development at Gnayiru, Sholavaram , Tiruvallur on 30/07/2024 as part of Unnat Bharat Abhiyan Scheme to commemorate World Nature Conservation Day
- ❖ Organized an Industrial Visit to Tata Technologies Industry 4.0 lab, Govt. Industrial Training Institute, Ambattur, Chennai on 13/08/2024
- ❖ Organized an Interactive Training Workshop Program on Building Responsive Web Applications with Angular on 07/10/2024. Chief Guest - Mr. Rajkumar Kalaimani, Senior Software Engineer, Altimetric India Pvt. Ltd., Chennai
- ❖ Organized an awareness programme on Professional Ethics on 14/09/2024. Addressed By – Mrs.A.Yogameena, Head, Dept. of CS with AI
- ❖ Organized a Knowledge Enhancement Program (Seminar) on AI in REAL WORLD on 12/12/2024. Chief Guest - Ms S.P.Karthika, Associate, PriceWaterhouseCoopers Pvt., Ltd, Bangalore
- ❖ Organized an INTRA COLLEGIATE COMPETITION on WEB PAGE DESIGNING as part of ED Activity on 09/01/2025
- ❖ Organized a LIFE SKILL PROGRAMME - INVITED TALK on SELF REGULATION AND EMOTIONAL INTELLIGENCE on 14/02/2025. Chief Guest - Dr. K.C.Lalithambika, Vice-Principal, Thiruthangal Nadar College

BRIDGE COURSE (26.06.24 - 03.07.24)

- ❖ In order to enhance students' academic skills and confidence during the learning process, the academic departments organize a Bridge Course for students before the start of regular classes or at the beginning of the first semester. The aim of this course is not only to bridge the gap between previously studied subjects and the subject to be studied in the program, but also to explain and review the fundamental concepts of the topic, whether it is from the previous program or the new program.
- ❖ Bridge course has produced awareness amongst student's about learning effectively and the concepts taught about the basic computer science subjects helped them to have the confident of comfortably studying their core computer subjects with ease. On the whole, this journey of 6 days (26.06.24 TO 03.07.24)

was joyful and informative.

- ❖ Bridge course is effective as it is the recall and refresh themselves of the basics. Students were overcome out of their doubts and felt free to ask their unsureness. After completion of course, written test was conducted to assess ability of the students.



AWARENESS PROGRAM ON NATURE CONSERVATION AND SUSTAINABLE DEVELOPMENT - 13/07/2024 (Unnat Bharat Abhiyan Scheme)

❖ In The Department of Computer Science with Artificial Intelligence organized an Awareness Program on Nature Conservation and Sustainable Development at Gnayiru, Sholavaram , Tiruvallur on 30/07/2024 as part of Unnat Bharat Abhiyan Scheme to commemorate World Nature Conservation Day. 45 Students of I B.Sc. Computer Science with Artificial Intelligence along with 2 faculties took part in this program and gave awareness to the school students of Govt. Hr. Sec. School, Gnayiru, Tiruvallur. They have awareness on the importance of conserving our nature for the biodiversity, how to preserve and conserve nature and the methods to be followed for the sustainable development of natural resources. The students took an oath to conserve nature. Our Students also gave awareness to the community people also and they motivated community people to use alternate resources like Solar equipments and educated the

people about the ways of generating income by producing natural compost from wastes, green micro forming etc. Our students gifted many plant saplings to the students as well as the community people to conserve nature

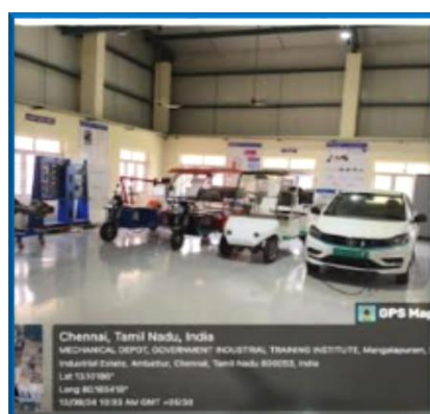




INDUSTRIAL VISIT - 13/08/2024

- ❖ The Department of Computer Science with Artificial Intelligence organized an Industrial Visit to Tata Technologies Industry 4.0 lab, Govt. Industrial Training Institute, Ambattur, Chennai on 13/08/2024 .The students got practical exposure to various industry 4.0 technologies like Augmented Reality , virtual Reality, 3D Printing ,Process Verification Analysis. They were explained about the revolution happened in the automation process in various industries by visiting Advanced Robotics Lab, Iot Lab, PVA lab PCA lab VR and AR lab . This visit helped our students to have transformative experiences which help them to prepare for the challenges of the professional world.





2nd National Conference-NCETCST 2024 – 30-08-2024

- ❖ The Dept. of M.Sc. Computer Science B, Sc. SA, B.Sc CS, B.C.A jointly organized this National Conference on Innovative Information Technology to bring together scholars and students to foster and exchange their ideas which promotes and cultivates research. 2 Faculties & 6 students from Dept. of B.Sc CS with AI presented their paper on various topics and shared their knowledge in this

conference.



ONAM CELEBRATION 13-09-2024

- ❖ TNC celebrated ONAM festival on 13/09/2024 is lit to symbolize the dispelling of darkness and the welcoming of knowledge and prosperity. On the significance of the Onam festival, the colorful floral carpets competition was held, and students of I B.Sc. CS with AI participated in this competition. Cultural programs were arranged, and Bhavana Gumma and Hariharan D participated in cultural dances.



ENVIRONTHON - 14.09.24 -15-09-24

- ❖ The students of Department of Computer Science with Artificial Intelligence also took part in IGEN Environthon 2024 - LBR (Limca Book of Record) and WBR (World Book of Record London) certified MARATHON executed for 29 non-stop hours, interlinked with PANCHABUTAS (FIVE ELEMENTS) conservation and COP29 themes, which started on 14 Sep 2024 at 4.00 pm and concluded on 15th Sep 2024 at 9.00 pm and won LBR, WBR certificates and COP29 promoter awards by The Institution of Green Engineers (IGEN).

S.NO.	NAME	CERTIFICATE WON
1	B.SARAVANAN	LBR & WBR
2	A.HARISH	WBR
3	H.SRI SARATHA TEJASWI	LBR & WBR
4	VISVESHA SRIDHARAN P B	WBR
5	T.SRI RAMASAMY	WBR & LBR
6	V.THARUNESWAR	LBR
7	P.RAJIV	LBR
8	B.SARAVANAN	COP 29 Promoter Award
9	T.SRI RAMASAMY	COP 29 Promoter Award
10	A.HARISH	COP 29 Promoter Award

WORKSHOP - 07.10.24

- ❖ The Department of Computer Science with Artificial Intelligence organized an Interactive Training Workshop Program on Building Responsive Web Applications with Angular on 07/10/2024 to enhance the practical knowledge on latest trending technologies. 45 students from I B.Sc CS with AI attend this workshop. Mr. Rajkumar Kalaimani, Senior Software Engineer, Altimetrik India Pvt. Ltd., Chennai had given the hands on training in HTML, CSS, NODE JS and ANGULAR JS. He demonstrated with the developing of source code to create a responsive shopping cart web application and students learnt to create dynamic web content using Angular JS



PROFESSIONAL ETHICS - 04/09/2024

- ❖ On 04/09/2024 , Mrs. A.Yogameena, Head , Dept. of Computer Science with Artificial Intelligence gave awareness about the professional ethics to the students of I B.Sc CS with AI students and the awareness was given on the following topics

- HUMAN VALUES
- PROFESSION AND PROFESSIONALISM
- RESPONSIBILITIES AND RIGHTS
- GLOBAL ETHICS ISSUES



KNOWLEDGE ENHANCEMENT PROGRAM -SEMINAR on AI IN REAL WORLD - 12/12/2024

- ❖ The Department of Computer Science with Artificial Intelligence organized a Knowledge Enhancement Program (Seminar) on AI in REAL WORLD on 12/12/2024 to expand the knowledge bases, improve problem-solving abilities, and enhance decision-making skills of students. 42 students benefited from this seminar Ms S.P.Karthika, Associate, PriceWaterhouseCoopers Pvt., Ltd, Bangalore served as the resource person and delivered her speech on the current trends of AI , how Ai will change the world in future and expounded what shifts in AI could mean for various industries and society at large.





ED ACTIVITY - 09/01/2025

INTRA COLLEGIATE COMPETITION on WEB PAGE DESIGNING

❖ The Department of Computer Science with Artificial Intelligence organized an INTRA COLLEGIATE COMPETITION on WEB PAGE DESIGNING as part of ED Activity on 09/01/2025 to expand the knowledge bases, improve problem-solving abilities, and enhance decision-making skills of students. 12 students from various departments participated in this event. Dr.P.T.Kasthri Bai , Head , Department of Computer Science served as Judge for this competition and Best 3 websites were selected based on the content, completeness and presentation of the Websites developed and as an added crown, the winners of this competition were felicitated with cash award on the same day. The prize winners are as follows:

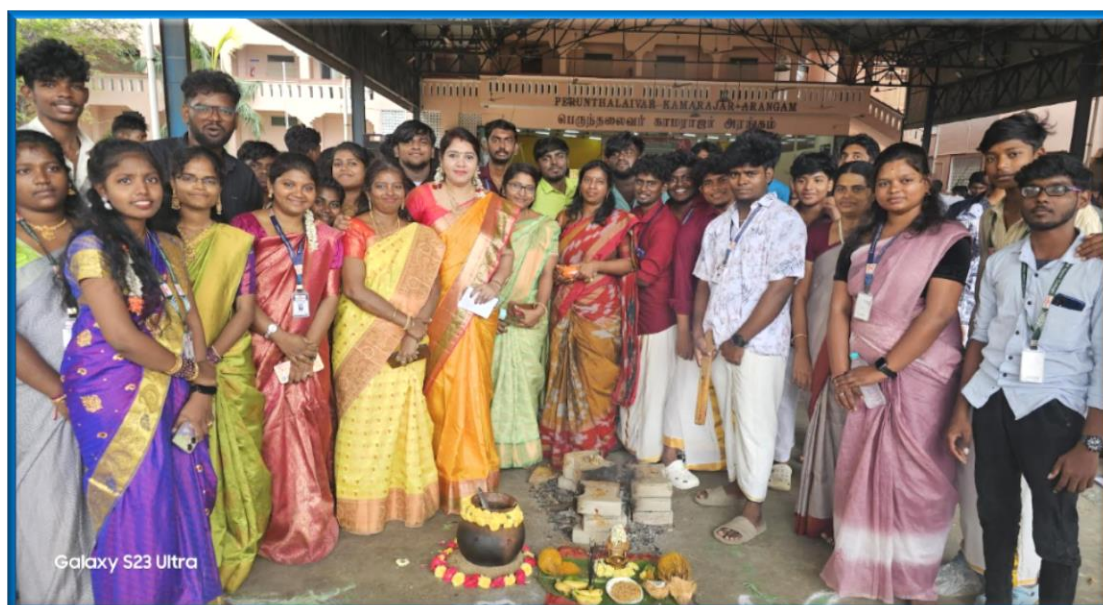
- 1) Mr. Shabeer C, III B.Sc. CS 'B' - I Prize
- 2) Mr. Hrithick Nagarjun S.B., III BCA 'B', - II Prize
- 3) Mr. M.Jagadeesh M, I B.Sc. CS with AI - III Prize





PONGAL CELEBRATION - 10/01/2025

- ❖ The Pongal Celebration held on 10th January 2025 at TNC was a vibrant and joyous occasion, filled with various competitions and cultural activities. The Department of Computer Science with Artificial Intelligence and Software Applications won the second place for best Pongal Preparation amongst all departments of TNC.



MERIT SCHOLARSHIPS - 10.01.2025

- ❖ The Management of Thiruthangal Nadar College honoured meritorious students who have scored more than 70% & 80% in their HSC examinations. The following students received Merit scholarship from the management members.

NAME OF THE STUDENT	PERCENTAGE	SCHOLARSHIP AMOUNT
DINESH R	73.25	3700
LEELAVATHY K	71.75	3700
THARUNESWAR V	78.00	3700
SARAVANAN V	75.50	3700
VASANTH R	79.75	5550
ARUNKUMAR V	76.75	3700
PRIYADHARSINI S	74.50	3700
SRI SARATHA TEJASWILI	76.25	3700
PRAVEEN KUMAR M	82.75	5550
SANTHOSH C	81.25	5550
VINOTH KUMAR U	86.00	5550



LIFE SKILL PROGRAMME on SELF REGULATION and EMOTIONAL INTELLIGENCE- 14/02/2025

- ❖ The Department of Computer Science with Artificial Intelligence organized a LIFE SKILL PROGRAMME - INVITED TALK on SELF REGULATION AND EMOTIONAL INTELLIGENCE on 14/02/2025 to equip students with essential abilities beyond academic knowledge, allowing them to navigate challenges in their personal and professional lives, build successful careers, and become well-rounded individuals by developing skills like communication, critical thinking, problem-solving, adaptability, teamwork, and financial literacy, wherein Dr. K.C.Lalithambika, Vice-Principal, Thiruthangal Nadar College served as the Resource Person and delivered her speech on the importance of Self Regulation, how to manage self disruptive emotions and impulses effectively and how to enhance resilience, cognitive change and interpersonal relationships by fostering self awareness and self regulation with the help of emotional intelligence 39 students were benefited by the event.



STUDENTS ACHIEVEMENTS

- ❖ 22 STUDENTS FROM I B.Sc. CS with AI completed 7 Days BootCamp on Cloud Computing and Devops A to Z
- ❖ 11 students completed 21 Mastercalss on NVIDIA - AI Hardware at PanTech E-Learning Pvt.Ltd. Chennai from 15.07.2024 to 05.08.2024
- ❖ 5 students received IGEN WBR (World Book of records, London) World Record Certification by witnessing 12 consecutive hrs at IGEN Environthon 2024
- ❖ Sri Saratha Tejaswi of I B.Sc CS with AI completed 30 hours Live Training Program on project Excellence_Mastering your minor and major projects with real -world case studies Held From 5 th Aug 2024 to 27th Aug 2024
- ❖ 4 students presented paper in the National Conference on Emerging Trends in Computer Science & Technology [NCETCST 2024] organized by TNC
- ❖ 3 students received IGEN LBR (Limca Book of Records) World Record Certification by witnessing 21 consecutive hrs at IGEN Environthon 2024
- ❖ V.Tharuneeswar completed a 3 months Internshio Training in PYTHON conducted by Internz Learn in association with MSME
- ❖ 6 students participated in One Day Workshop on “Exploring the World of Generative AI “ organized by MEASI Institute of Information Technology, Chennai on 08/01/2025
- ❖ 6 students participated in National Level Technical Symposium New Logic 2K25 organized by the New College and Sri Saratha Tejaswi of I B.Sc CS with AI secured Runner position
- ❖ 15 students completed Learnathon courses offered by ICT Academy.

