

THIRUTHANGAL NADAR 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

NEWS LETTER – 2022-2023

| CHIEF PATRON | PATRON |
|---|---|
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Assistant Professor

VISION:

The Department is committed to continuously improve its educational environment in order to develop graduates with strong academic and technical backgrounds.

MISSION:

To create a sacred environment for students to acquire knowledge through technical and innovative approaches to utilize it for the welfare of the mankind.

The Department of computer science advances human kind by improving the underlying digital hardware, computing networks, and software systems that impact our everyday lives. The way we live, work and play in our technology- driven, interconnected world is largely influenced by the ideas and actions of computer professionals. With the rapid development of hardware components, communication systems and software, there is a demand which provides an opportunity to work in the continuously changing technology sector with a great career outlook.

The Department offers both bachelor's degrees in Computer Science. These degree programmes prepare graduates for successful, profitable and lifelong careers in IT Industry.

Salient Features

- ✓ Laboratories equipped with the state-of-the-art hardware and software
- ✓ Adequate numbers of Computers in Laboratories for UG and PG.
- ✓ Internet Accessibility with high speed Leased Line
- ✓ Departmental Library consisting of more than 500 books & magazines
- ✓ Wi-Fi enabled Campus
- ✓ Exquisite Collection of various Technical Subject Books and Subscription to latest Computer Magazines
- ✓ Extra Practical Timing for Practice and review

NATIONAL WORKSHOP ON “ DATA SCIENCE USING PYTHON ”

The Department of Computer Science has organized a workshop on “DATA SCIENCE USING PYTHON” for two days(21-07-2022 to 22-07-2022). Dr. Dr. K B Priya Iyer, Additional Controller of Examinations, Associate Professor Head – B.Sc. Data Science, Department of Information Technology, M.O.P. Vaishnav College for Women (Autonomous), Chennai, conducted the workshop from 10.A.M to 12.45 PM for the first day in Thiruthangal Gnaniyar S.Arumuga Nadar Meenammal Trust (A/C) Conference Hall & followed by a demonstration section on 22.07.2022 @ Lab-6 from 10.00 a.m. to 12.45 p.m. The Session was inaugurated by Dr. K.B. Priya Iyer, accompanied by Vice-Principals. During this session on (21-07-2022), she explained about Data Science Definition and its various process. She explained the difference between Data Analysis and Data Analytics. She also explained about Internet of Things, Artificial Intelligence and its types, Machine Learning, Augmented Reality, Datasets with various real-time examples. On (22-07-2022) she took a sample dataset of plants and plotted various types of graphs. She taught Google Collab to all students and our students were able to plot the graphs in live session. All the participants appreciated the session. As much as 95 participants including the staff joined in this workshop. The welcome address was given by Mr. Prem Kumar, Associate Professor, Department of Science. Dr. P.T. Kasthuri Bai, Head, Department of Computer Science introduced the Chief Guest. The compering was done by Mr. P. Jayachandran & the Valedictory Speech was presented by Mrs.D. Lissy, Associate Professor, Department of Computer Science. Thus the workshop ended successfully with National Anthem. An appreciation certificate was given to the Chief Guest by Dr. S. Srividhya, Principal.



INDUSTRIAL VISIT ON PANTECH E LEARNING SOLUTIONS”

The Department of Computer Science, faculties and students visited Pantech E Learning Solutions, T- Nagar, Chennai on 24-09-2022, which is a leader in the area of Technical Training's, Products & Research Initiatives. Having developed and established a comprehensive set of sustainable business initiatives that facilitate bottom-line approach to operating various businesses, Pantech has offered 50 plus of our students, a great insight into emerging and on demand tools and technologies. Our students have expressed their varied interests on the services offered and have raised many queries pertaining to modern developmental tools. In short, it was most beneficial visit to our students.

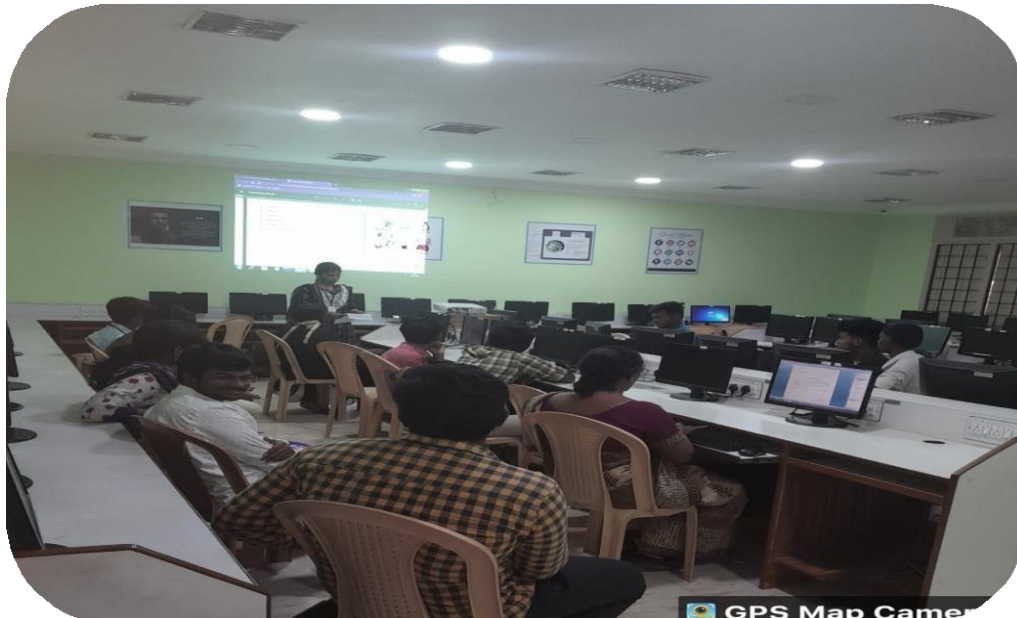


KNOWLEDGE ENHANCEMENT PROGRAMME ON “DATA ANALYTICS & CLOUD COMPUTING “

The Department of Computer Science has organized Knowledge Enhancement Programme on “ DATA ANALYTICS & CLOUD COMPUTING” on 08th August, 2022 at 11.00 am. Our Alumni Mr.Jagan Janakaran, MCA, Data Engineer,Accenture AI, Bengaluru, Karnataka , was the Chief Guest for the Occasion. The Session was inaugurated by our Alumni, Mr.Jagan Janakaran. Welcome speech was given by Mrs.D.Lissy, Associate Professor, Department of Computer Science and followed by Introduction of chief guest by Our Head of Department, Dr.P.T.Kasthuribai.

During this session, He explained Data Analytics and way of using the data from cloud. He described the cloud types and companies which they used. He also explained about current opportunities about data analytics to the students. The session is very Interactive. The participants appreciated the session. As much as 63 participants joined in this event.

PAPER PRESENTATION ON “IOT AND ITS APPLICATIONS”



The Department of Computer science has organized “ Paper Presentation on IOT and its Applications” at Multimedia Lab between 11.20 am to 1.00pm on 01/03/2022 (Wednesday). Mrs.S.Radhika , Associate Professor, Department of Computer applications act as a Chief Guest. Nearly 15 students participated in paper presentation. The events ended in successful Manner.

KNOWLEDGE ENHANCEMENT PROGRAMME ON “FULL STACK SOFTWARE DEVELOPMENT “

The Department of Computer science has organized “Knowledge Enhancement programme on Full stack software Development program between 11.20am to 1.00pm on 06/03/2022 (Monday). Ms. Shobna,tech head, NIIT interacted with the students and explained the concept of front end/client side and server side scripting. The session was very informative.

“TECHNICAL SEMINAR ON AI & ROBOTICS “

The Department of Computer Science has organized a Technical Seminar on “ ARTIFICIAL INTELLIGENCE AND ROBOTICS” on 27 th January, 2023 at 11.00 am. Our chief guest Mr.Sujit Menon, CEO, Synergy International Group of Companies had addressed the session. He explained about the hardware and software concepts while designing a Robot and implementation of AI.

He described about integrated circuit, IDE, python language and sensor devices. He also gave the examples for the situations where robots can be replaced by human being like bending an iron rod in high temperatures, handling heat furnaces, rescue operations etc. The session was very informative for the students and faculty.



THANK YOU