



DEPARTMENT OF INFORMATION TECHNOLOGY
NEWS LETTER JULY 2023 - JUNE 2024

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EDITORIAL COMMITTEE

Name of Editor:

Mrs. M. Menaka

Head of the Department/IT

Mrs. S. Sarah

Asst.Professor Dept of IT

Mrs. M. Bharathi

Asst.Professor Dept of IT

Student members: Shammi Kumar.T(IV / IT)

Rohan Samuel.J (III / IT)

Durgesh Kumar.R (II / IT)

Publisher: Department of Information Technology

MISSION OF THE INSTITUTION

- Developing innovative, competent computer engineers through planning, in-depth analysis, and hands-on problem solving in the quest for the students to work with emerging technologies.
- Inculcating a learning environment and upgrade the knowledge of students through value-based education and promotes the academic excellence.
- Providing a leadership and ethical values for effective deliberate and tactical planning to cater the needs of the Society and to Prepare students for professional career and higher studies and promoting innovative research and education programs in the IT field.

VISION OF THE INSTITUTION

To provide quality education to the students and impart IT excellence by building strong academic environment and to enable the essential skills in the innovators and entrepreneurs making them as proficient professionals for industrial consultancy.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

- **PEO 1(Fundamental Knowledge):** To ensure graduates will be proficient in utilizing the fundamental knowledge of basic sciences, mathematics and Information Technology for the applications relevant to various streams of Engineering and Technology.
- **PEO 2(Core Competencies):** To enrich graduates with the core competencies necessary for applying knowledge of computers and telecommunications equipment to store, retrieve, transmit, manipulate and analyze data in the context of business enterprise.
- **PEO 3(Life-Long Learning):** To enable graduates to think logically, pursue lifelong learning and will have the capacity to understand technical issues related to computing systems and to design optimal solutions.
- **PEO 4(Professional Career):** To enable graduates to develop hardware and software systems by understanding the importance of social, business and environmental needs in the human context.
- **PEO 5(Multifaceted Aspects):** To enable graduates to gain employment in organizations and establish themselves as professionals by applying their technical skills to solve real world problems and meet the diversified needs of industry, academia and research.

ABOUT THE DEPARTMENT

The Department of Information Technology was established in the year 2008 with the intake of 60. Our vision and mission focus towards academic excellence along with emerging technologies. We also pave way towards higher studies and research activities through curricular, co-curricular, and extra-curricular events. We adhere to the Anna University curriculum as an affiliated institution. The department provides an environment towards collaborative research by guiding students in developing solutions to meet industry or society needs. The department has been achieving consistently good placement and academic records.

The main objective is to motivate the students to excel in basic engineering skills and mould them as good technocrats through futuristic plans. We also provide continuous exposure on current trends and tools through practical hours and workshops in which the collaboration from industry people is in place. We also provide individual attention to each student that would in turn inculcate entrepreneur skills with ethical and social values. We create opportunities for students through various activities in building their interpersonal and intrapersonal skills.

Lab Configurations:

Data Structures Lab:

Processor: AMD Ryzen3 / 3.60 GHz, 8 GB RAM, 480 GB SSD

Object Oriented Analysis & Design Lab:

Processor: AMD Ryzen3 / 3.60 GHz, 8 GB RAM, 480 GB SSD

Web Technology Lab:

Processor: Intel i3 10th Gen / 3.70 GHz, 8 GB RAM, 480 GB SSD

FACULTY PARTICIPATIONS

1. Mrs. Menaka M

- ❖ **Role:** Resource Person
- ❖ **Event:** Robo Talento Competition at FIITJEE Global Public School
- ❖ **Date:** August 2023

2. Mrs. Sarah S

Roles and Events:

- ❖ **Reviewer** at the International Conference on Computational Sciences and Sustainable Technologies (ICCSST-2023), Christ University (May 2023)
- ❖ **Jury member** for the Student Innovation and Development Programme for Vellore and Ranipet District Level Bootcamp for School Students Projects organized by Entrepreneurship Development and Innovation Institute, Government of Tamil Nadu (February 2024)
- ❖ **Resource Person** for delivering a guest lecture on Basic Computer Skills at Worth Trust, Vellore (February 2024)
- ❖ **Niral Thiruvizha Project Mentor**, received a fund of 10,000 for the project titled "Gamified App for Learning by PwDs" (March 2024).

FACULTY PUBLICATION DETAILS

1. Mrs. Menaka M

- ❖ **"A Combination of Cloud Radio Accessing Networks and Mobile Cloud Computing for Remote Cloud Computing Services"**: Published in July 2023 in the IEEE Conference Issue. [DOI: 10.1109/ICESC57686.2023.10193219]
- ❖ **"Forecasting Naturally Occurring Forest Fires using AI and Machine Learning in Wireless Sensor Networks"**: Published in August 2023 in the IEEE Conference Issue. [DOI: 10.1109/ICIRCA57980.2023.10220860]
- ❖ **"Blockchain Technology Based Privacy Protection Scheme for Large-Scale Distributed Systems"**: Published in August 2023 in the IEEE Conference Issue. [DOI: 10.1109/ICIRCA57980.2023.10220586]

2. Mrs.Sarah S

- ❖ **"Predictive Analysis of Hybrid Grasshopper with FireFly Optimization Algorithm for Feature Selection using HCC Data"**: Presented at the 7th International Conference on Intelligent Computing (ICONIC 2K24) held in March 2024 at Panimalar Engineering College, Chennai.
- ❖ **"Predictive Policing: Harnessing Machine Learning for Crime Forecasting and Prevention"**: Presented at the International Conference on Intelligent Computing Advanced Communication and Materials (IC2ACM-2023) in December 2023.

PATENTS

1. Mrs. Menaka M

- ✓ Patent Name: Design and Implementation of the Inventory Management System
 - Published Date: 16-06-2023
 - Details: 2nd Author, Patent Application Number: 202341034506
- ✓ Patent Name: QR Code Controlled Clever Cookies/Beverages Vending Machine and Auto Payable Option Using UPI Payments Application
 - Published Date: 05-05-2023
 - Details: 2nd Author, Patent Application Number: 202341027064

2. Mrs. Sarah S

- Patent Name: Cancer Cell Detection Device
- Published Date: 18-08-2023
- Details: 4th Position, Design Number: 387009-001, Journal No: 33/2023

DEPARTMENT EVENTS

1. On **September 14, 2023**, industrial visit to **MSC Technology in Chennai** for III Year IT and IV Year IT students.
2. On **September 2, 2023** a Placement Awareness event titled "**Synergy Connect'23**" held for the parents of II Year and III Year students (B21 & B22) from the **CSE and IT departments**.
3. From **October 25, 2023 to October 30, 2023** a value-added course on "**Cloud Computing: A Comprehensive Introduction**" was organized.

4. From **January 30, 2024 to February 3, 2024** value-added course conducted on "**Art of Generative AI Algorithms and Applications.**"
5. On **March 4, 2024**, an **Industrial visit** to the **Visvesvaraya Industrial and Technological Park** in **Bengaluru** for **III Year IT students**.
6. On **February 8, 2024** a Cybercrime Awareness event titled "**Cyber Resilience Navigation**" held for **students from the CSE, IT, AI&DS, and CSBS departments**. The event included judges as HOD of Mechanical Engineering and the HOD of Electronics and Communication Engineering, along with a drawing competition on cybercrime awareness.
7. From **March 21, 2024 to March 25, 2024** a **Faculty Development Program (FDP)** called "**Exploring Frontiers of AI Computing & Technologies (EFACT'24)**" was organized. This program guests are from **MSC Tech, NIT-Puducherry, ATE-Machine Vision Systems, ATOS, and BGENT**, which would benefit both internal and external faculty members.
8. On **April 18, 2024**, a virtual workshop titled "**TechXperience with REST APIs for Application Development**" was conducted by our Alumni Mr. Dhanush Ram, a Senior Software Engineer at CRUX Digital in Bangalore.

GENERAL EVENTS

1. On **November 20 and 21, 2023**, a **Faculty Development Program (FDP)** titled "**Cambridge English**" was held featuring **Ms. Scharada Dubey**, an author and communication consultant from Bengaluru as part of Naan Mudhalvan Initiative.
2. On **February 15, 2024**, an Engineering Awareness event called "**Engineering Horizons: Igniting Young Minds**" was organized with all **Heads of Departments** presenting the current technology and Career scope for the **Government Boys Higher Secondary School, Katpadi**.
3. From **February 26 to February 28, 2024** a placement training program titled "**Employability Skills: Career Competent Engineer**" was conducted by Naandi Foundation for all final year students.
4. On **May 29, 2024** a State Level Job fair named "**Naan Mudhalvan State-wide Placement Drive**" was organized, where **106 job offers** made by **19 different participated companies**.

Workshop/Symposium/Paper Presentation attended by the Students

1. Rajeshwari S (II Year, Reg. No. 511322205701)

- **Tongue Twister:** First Prize at Global Cognizance'23, Global Institute of Engineering & Technology on July 28, 2023.
- **Paper Demonstration:** Winner at Tech Spark'23, Global Institute of Engineering & Technology on October 26, 2023.
- **Badminton:** Runner-Up at Annual Sports Meet'23, Global Institute of Engineering & Technology from February 8 to 11, 2023.

2. Nithyasree G (III Year, Reg. No. 511321205020)

- **Web Crafting:** Runner-Up at Tech Spark'23, Global Institute of Engineering & Technology on October 26, 2023.
- **Script Debugging:** Winner at Tech Spark'23, Global Institute of Engineering & Technology on October 26, 2023.
- **Visual Vision - 2K24:** Third Place at TPGIT - ALGOTRON V3.0 Symposium on February 28, 2024.
- **Code Dilemma:** First Prize at TPGIT - ALGOTRON V3.0 Symposium on February 28, 2024.
- **Web Design:** Second Place at INFOGRAM'23, C. Abdul Hakeem College of Engineering and Technology.

3. Gayathri S (III Year, Reg. No. 511321205007)

- **Script Debugging:** Runner-Up at Tech Spark'23, Global Institute of Engineering & Technology on October 26, 2023.
- **Tamil Typewriting:** First Class in August 2023.

4. Pon Lavanya S (III Year, Reg. No. 511321205021)

- **SDG Quiz:** First Place at MGR IGEN ENSAV CLUB on April 5, 2024.

5. Shree Varshenee K (III Year, Reg. No. 511321205035)

- **Bharathanatyam (Grade-II Exam):** First Class with Distinction on November 10, 2023, at Sri Natarajar Natiyalaya.
- **Bharathanatyam (Grade-I Exam):** First Class on November 10, 2023, at Sri Natarajar Natiyalaya.
- **Seerkazhi Nattiya Thiruvizha'23:** Nattiya Mangai Award on May 23, 2023.
- **Treasure Hunt:** Second Place at Zenithrive / AMCET Symposium on October 5, 2023.
- **Dance Performance:** Achieved a World Record in classical dance.
- **Performing Dance Form in Nalvar Saiva Thirumuraigal:** Participated in a world record event at Arunachaleswarar temple, Thiruvannamalai, recognized by the Raaba World Records.

6. Janani A (III Year, Reg. No. 511321205012)

- **Script Debugging:** Runner-Up at Tech Spark'23, Global Institute of Engineering & Technology on October 26, 2023.

7. Rohan Samuel J (III Year, Reg. No. 511321205025)

- **Code-athon:** First Prize at a symposium at Dhanish Ahmed College of Engineering on May 2, 2024.
- **Connexion:** First Prize at a symposium at Dhanish Ahmed College of Engineering on May 2, 2024.
- **Script Debugging:** Winner at Tech Spark'23, Global Institute of Engineering & Technology on October 26, 2023.
- **Byte Grable:** First Place at Kongu Engineering College on March 2, 2024.
- **Coding & Debugging:** First Prize at NEXUS'2K24 at Kongu Engineering College on March 13, 2024.
- **Triumph Journey:** First Prize at NEXUS'2K24 at Kongu Engineering College on March 13, 2024.
- **Fortune Quest:** First Prize at Kongu Engineering College on March 2, 2024.
- **Code Crafters Summit:** First Prize at Electrofocus'24, MIT, Anna University from March 23 to 24, 2024.
- **Fault Fix Fiesta:** First Prize at Electrofocus'24, MIT, Anna University from March 23 to 24, 2024.
- **Code Blitz:** First Prize at Muthayammal Engineering College on April 24, 2024.
- **Coding Debugging:** First Prize at PTLee Engineering College on April 28, 2024.
- **Code Crusade:** First Prize at SNS College of Technology on May 24, 2024.
- **Mix N Mingle:** First Prize at SNS College of Technology on May 24, 2024.
- **Coding Debugging:** First Prize at Shree Venkateshwara Hi-Tech Engineering College on April 22, 2024.
- **CODING CONQUERER - 2K24:** First Prize at TPGIT - ALGOTRON V3.0 Symposium on February 28, 2024.
- **Code Dilemma:** First Prize at TPGIT - ALGOTRON V3.0 Symposium on February 28, 2024.
- **Web Designing:** First Prize at Shree Venkateshwara Hi-Tech Engineering College on April 22, 2024.
- **Coding:** First Prize at Zenithrive / AMCET Symposium on October 5, 2023.
- **Cipherex - Coding & Debugging:** Second Prize at ELOQUENCE'23, C. Abdul Hakeem College of Engineering and Technology on October 7, 2023.
- **Coding Debugging:** Second Prize at Manakula Vinayagar Institute of Technology on April 16, 2024.
- **Code Class with Python:** Second Prize at Manakula Vinayagar Institute of Technology on April 16, 2024.
- **Web Design:** Second Place at INFOGRAM'23, C. Abdul Hakeem College of Engineering and Technology.

- **Web Crafting:** Runner-Up at Tech Spark'23, Global Institute of Engineering & Technology on October 26, 2023.
- **Project Expo:** Third Place at TPGIT - EPULZ'2K24 Symposium on February 28, 2024.
- **Code Carnival:** Third Place at VTECH SPARK'2K24 at VelTech, Avadi on March 27, 2024.
- **Connexion:** First Place at Zenithrive / AMCET Symposium on October 5, 2023.

TOPPERS LIST

ANNA UNIVERSITY EXAMINATIONS

S.NO	DEPARTMENT	RANK	REGISTRATION NUMBER	STUDENT NAME	SEM
1	II IT	1	511321205007	BARATH M	3
2		2	511321205044	RITHICK R	3
3		3	511321205029	LOKESH A	3
4	III IT	1	511321205016	MALAIYARASI M	5
5		2	511321205038	SOWMIYA G	5
6		3	511321205032	SARAVANAN C	5
7	IV IT	1	511320205028	SUDHARSHAN R C	7
8		2	511320205019	NISHA V	7
9		3	511320205007	DEVIPRIYA M	7

DEPARTMENT - BEST OUTGOING STUDENT FOR NOV/DEC 2023

S.NO	DEPARTMENT	GENDER	REGISTRATION NUMBER	STUDENT NAME
1	IT	MALE	511320205033	YESWANTH M
2		FEMALE	511320205019	NISHA V

STUDENTS ACHIEVEMENTS

NIRAL THIRUVIZHA FINAL REVIEW AT ANNA UNIVERSITY

Team Leader Name	Reg. No	Year	Department
I. Revathi S	511320205022	Final year	Information Technology
Team members			
I. Atchaya S	511320205005	Final year	Information Technology
2. Sweatha C	511320205029	Final year	Information Technology
3. Boomika G U	511320205301	Final year	Information Technology

Faculty Guide (Mentor) Details: Mrs. S. Sarah,
Assistant Professor,
Department of Information Technology



GLIMPSE - DEPARTMENT EVENTS



