

## Department of Computer Science

### Annual Report 2024-2025

#### DEPARTMENTAL ACTIVITIES:

1. The Departments of Computer Science, Computer Applications, and Information System Management conducted a **ONE DAY WORKSHOP** focused on “**GENERATIVE AI**” on 31.07.2024, in collaboration with **IT EXPERT TRAINING**.

#### **Resource Person:**

Mr. Muhammed Ilyas,  
IT Expert Training, Chennai.

Totally, 362 students took part in this event.

2. The Departments of Computer Science and Information System Management commemorated “**WORLD WIDE WEB DAY**” on 1.08.2024.  
Totally 20 students took part, and posters were designed and displayed by the students.
3. The Departments of Computer Science and Information System Management organized an **INTERNATIONAL SEMINAR** on “**TECH-REVOLUTION-SHAPE YOUR FUTURE**” on 8.8.2024,

#### **Resource person:**

Mr. Arafat Khan,  
Senior vice president,  
BNY MELLON Wellesley,  
United States.

Totally, 168 students are participated in this event.

4. The Departments of Computer Science, Computer Applications, and Information System Management organized an **Outreach Programme** to “**THE HOPE HOUSE**” on 24.08.2024, situated in Karigiri, Vellore. They provided Stationary items and Snacks provided to the children. They were brimming with happiness.
5. The Departments of Computer Science and Information System Management commemorated “ **International day of Charity**” on 05.09.2024. A total of Rs.7556 collected from the students and distributed to the sweepers scavengers working in our college.

6. The Departments of Computer Science, Computer Applications, and Information System Management organized “**A One Day State Level Seminar** titled “**EXPLORING THE TRANSITIONS AND TRENDS IN ARTIFICIAL INTELLIGENCE SYSTEM**” on 26.09.2024,

**Resource person:**

Dr. E. Gange Devi,  
Assistant Professor,  
Department of Computer Science  
Loyola College, Chennai.

And also organized the paper presentation event. A total of 20 papers were presented by the Students of 5 various institutions.

7. The Departments of Computer Science, Computer Applications, and Information System Management conducted “Workshops on AI Tools” from: November 4, 2024 to November 6, 2024 for all staff members of our college.
8. The Department of Computer Science, Computer Applications, and Information System Management hosted a webinar titled "Empowering Education Through AI: A Deep Dive into Chat GPT and Gamma" to commemorate National Education Day On November 11, 2024.
9. The Departments of Computer Science and Information System Management organized “**Fusion Fiesta**” on 29<sup>th</sup> January 2025.

The events included:

1. DREAM DAZZLING NAIL
2. SILK & STRANDS
3. BLUSHING BEAUTIES BASH
4. FLAME FREE FEAST.

Totally, 130 students participated and showcased their talents.

10. The Departments of Computer Science, Computer Applications, and Information System Management organized **National Level Webinar** on “**Emerging Cloud Technology**” on 31.01.2025

**Resource Person:**

Dr. Magesh Kasthuri,  
Principal Consultant,  
WIPRO Limited,  
Bengaluru.

445 students & faculties registered and participated in the webinar and acquired knowledge.

11. The Departments of Computer Science, Computer Applications, Information System Management, Technical Club, IIC and IQAC organized **Orientation Programme “Creativity, Innovation & Team, Building: Winning Strategies for Hackathon”** on 13.02.2025.

**Resource Person:**

Dr. K.Priya,  
Head & Assistant Professor, PG & Research,  
Department of Computer Science,  
Marudhar Kesari Jain College for Women,  
Vaniyambadi.

Totally, 139 students participated and gained Valuable insights in to the Smart India Hackathon and Strategies to excel in competitive coding events.

12. The Departments of Computer Science and ISM arranged an **Industrial Trip to Ooty** form 20.03.2024 to 22.03.2024. During the trip, students toured a tea estate to learn about the tea production process, explored different attractions in Ooty, and thoroughly enjoyed the experience.

## **STAFF ACHIEVEMENTS:**

1. **Mrs.M.Malathi**, Published the paper entitled “Image Enhancement Hair Removal in Dermoscopy Images Using Dual Swin Auto encoder” in 2<sup>nd</sup> International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2024) held on 23.10.2024 at M.P. Nachimuthu M.Jaganathan Engineering College , Chennimalai, Erode.
2. **Mrs.M.Silambarasi**, Ms.T.Gayathri, published a Paper entitled “ Optimization Using Robotics in New ERA” in International Conference held on 09.01.2025 at “Sree Abirami Arts & Science College for Women “ Gudiyatham.
3. **Mrs.M. Malathi** , Ms.G.Mahalakshmi, published a Paper entitled “Computer Vision and Image Processing” in International Conference held on 09.01.2025 at “Sree Abirami Arts & Science College for Women “ Gudiyatham.
4. **Ms.B.Shobika**, Ms.S.Nathiya, published a Paper entitled “SQL Injection Attack: Detection, Prioritization & Prevention” in International Conference held on 09.01.2025 at “Sree Abirami Arts & Science College for Women “ Gudiyatham.
5. **Ms.S. Deepika**, Ms.T.Deepika ,published a Paper entitled “ Internet of Things using Block chain ” in International Conference held on 09.01.2025 at “Sree Abirami Arts & Science College for Women “ Gudiyatham.
6. **Mrs.R.Mahalakshmi**, Ms.H.Shajedha Nisha published a Paper entitled “Generative AI: A Review Trends and Models ” in International Conference held on 09.01.2025 at “Sree Abirami Arts & Science College for Women “ Gudiyatham.

## **PRESENTATION & PARTICIPATION:**

1. Mrs.M.Silambarasi Attended the Meeting for Board of Studies as a Past Pupil at “Auxilium College “ in the Department of Computer Science and Applications on 03.06.2024.
2. Mrs.M.Silambarasi, Ms. B.Shobika and Ms.S.Deepika were attended “5 Days National level Online Teachers Training Program” organized by Association of Musilm Professionals from 22.07.2024 to 26.07.2024.
3. Mrs. R. Mahalakshmi participated in a two-day Faculty Development Program (FDP) on “Critical and Creative Thinking Skills”, organized by the Internal Quality Assurance Cell (IQAC) and conducted by Michael Job Memorial College of Education for Women, Coimbatore, on August 5th and 6th, 2024.
4. Ms.S.Shobika participated in a Five-days Faculty Development Program (FDP) on “ Integrating NEP 2020 in to Higher Education Strategies for Faculty Development & Curriculum Innovation” from 06.09.2024 to 11.09.2024 Conducted by Hindustan College of Arts & Science, Coimbatore.
5. Mrs. R. Mahalakshmi participated in a Virtual Five-days Faculty Development Program (FDP) on “ Empowering Digital Transformation with Cutting Edge Technologies” from 16.09.2024 to 20.09.2024 conducted by IQAC and Department of Computer Applications in Sri Kanyaka Parameshwari Arts & Science College for Women, Chennai.
6. Mrs.M. M.Silambarasi participated in a Virtual FDP titled “Future Trends and Emerging Technologies in Academia” which was held from 18.09.2024 to 22.09.2024, arranged by the PG Department of Computer Science at Sacred Heart College (Autonomous), Tirupattur.
7. Mrs.M. M.Silambarasi Participated in a Five-days Faculty Development Program (FDP) on “Evolving Landscape of Data Science –Current Trends and Patterns “ from 23.09.2024 to 27.09.2024 conducted by Department of Computer Applications in Hindustan College of Arts & Science, Coimbatore.
8. Mrs.M.Silambarasi and Ms.S.Shobika participated in a Ten-day FDP called “NEP Orientation Programme” held from 07.10.2024 to 16.10.2024 organized by Malaviya Mission Teacher Training Program (MM-TTP) of UGC and Maulana Azad National Urdu University, Hyderabad.

9. Mrs.M.Malathi Participated in a One Week Faculty Development Program (FDP) on “ Industry Best Practices in Information Technology from 25.10.2024 to 31.10.2024“organized by Amity Institute Of Information Technology.

10.Mrs.T.Kowasalya Participated in a Three Days Faculty Development Program (FDP) on “ A Road Map Enlighten The Educators with research Publication” From 02.12.2024 to 04.12.2024 Organized by Dhanalakshmi Srinivasan Arts and Science College.

11. Mrs.M. Malathi, Ms.S.Deepika and Ms.B.Shobika Participated in a Ten days Faculty Development Program (FDP) on “ Sensitization Programme Under Malaviya Mission Teacher Training Programme(MM-TTP) Organized by UGC-MMTTC, Maulana Azad National Urdu University.

12.Mrs.R.Mahalakshmi and Ms.S.Shobika Participated in a One Week Faculty Development Program (FDP) on “ Google Generative AI” From :16.12.2024 to 21.12.2024 Organized by Naan Mudhalvan Scheme at Thiruvalluvar University.

13.Ms.B.Shobika Participated in a Five Days Faculty Development Program (FDP) on “Effective Communication For Teachers” from 23.12.2024 to 28.12.2024 Organized by Association of Muslim Professionals.

14. Mrs.M.Silambarasi and Mrs.M. Malathi Participated in a Five Days Faculty Development Program (FDP) on ”Futuristic Pathways In Technology and Computational Methodologies” from:06.01.2025 to 11.01.2025 Organized by Marymatha College of Arts and Science.

15. Mrs.M.Silambarasi, Mrs.R.Mahalakshmi and Mrs.T.Kowasalya Participated in a One Week TEP on “Reskilling : The Transformative Role of Technology” from 20.01.2025 to 25.01.2025 Organized by Marudhar Keasari Jain College for Women.

16.Mrs.B.Divya Participated in One Week Faculty Development Program (FDP) on “ Advanced Data Science With Python ” from 20.01.2025 to 25.01.2025 Organized by Naan Mudhalvan Scheme at Thiruvalluvar University.

17. Mrs.M.Silambarasi and Ms.B.Shobika Participated in a One Week Faculty Development Program (FDP) on “Sales Force Platform Developer 1” from 24.02.2025 to 28.02.2025 Organized by Auxilium College.

18.Ms.S.Arthi Participated in a Five Days Faculty Development Program (FDP) on “Empowering Faculty with AI: Transforming Next- Gen Learning from 24.02.2025 to 28.02.2025 Organized by Hindustan College of Science & Commerce , Erode.

## STUDENT ACHIVEMENT:

1. Varalakshmi.R (III B.Sc-Computer Science 'B') participated in quiz held on 23.10.2024 Conducted by the Department of N&D and won Second Prize at M.M.E.S. women's arts and science college
2. Mrs.M.Silambarasi, **Ms.T.Gayathri** (II M.Sc, Computer Science) published a Paper entitled " Optimization Using Robotics in New ERA" in International Conference held on 09.01.2025 at "Sree Abirami Arts & Science College for Women " Gudiyatham.
3. Mrs.M. Malathi , **Ms.G.Mahalakshmi** (II M.Sc, Computer Science) published a Paper entitled "Computer Vision and Image Processing" in International Conference held on 09.01.2025 at "Sree Abirami Arts & Science College for Women " Gudiyatham.
4. Ms.B.Shobika, **Ms.S.Nathiya** (II M.Sc, Computer Science) published a Paper entitled "SQL Injection Attack: Detection, Prioritization & Prevention" in International Conference held on 09.01.2025 at "Sree Abirami Arts & Science College for Women " Gudiyatham.
5. Ms.S. Deepika, **Ms.T.Deepika** (II M.Sc, Computer Science) published a Paper entitled " Internet of Things using Block chain " in International Conference held on 09.01.2025 at "Sree Abirami Arts & Science College for Women " Gudiyatham.
6. Mrs.R.Mahalakshmi, **Ms.H.Shajedha Nisha** (II M.Sc, Computer Science) published a Paper entitled "Generative AI: A Review Trends and Models " in International Conference held on 09.01.2025 at "Sree Abirami Arts & Science College for Women " Gudiyatham.
7. Mrs.R.Sangeetha, **Ms.N. Preethi** (II M.Sc, Computer Science) published a Paper entitled " Smart Solid Waste Management System using Block chain and IoT for Smart Cities" in International Conference held on 09.01.2025 at "Sree Abirami Arts & Science College for Women " Gudiyatham.
8. Mrs.J. Hajira Tabasum ,**Ms.E.Dhivya** (II M.Sc, Computer Science) published a Paper entitled "Block chain-Enabled Smart Contracts: Architecture, Applications and Future Trends" in International Conference held on 09.01.2025 at "Sree Abirami Arts & Science College for Women " Gudiyatham.

9. Mrs. M. Kamila Firdose, **Ms.G.Ezhilmathi** (II M.Sc, Computer Science) published a Paper entitled “The Internet of Things in the 5<sup>th</sup> Century: and Benefits Business and Consumers” in International Conference held on 09.01.2025 at “Sree Abirami Arts & Science College for Women “ Gudiyatham.
10. L.G.Kesavarthini of (III B.Sc Computer Science ‘A’) successfully completed Internship from Web Development held on January 21, 2025 to February 6, 2025 at Code Bind Technologies-Chennai.
11. Vinothini.M and Thowfika Saraf.C.M of I B.Sc-Computer Science ‘B’ participated in Poster Presentation held on 10.02.2025 and won first prize at Arcot Sri Mahalakshmi Women's College in Villapakkam,
12. Logeshwari.R and Akshayaa.P of II B.Sc-Computer Science ‘A’ participated in Poster Presentation held on 10.02.2025 and won Second prize at Arcot Sri Mahalakshmi Women's College in Villapakkam,
13. Ms.T.Geetha, Ms.M.Deepika, Ms. P.Jayanthi of I B.Sc-Computer Science ‘A’ Won I<sup>st</sup> Prize in Science Expo held on 28.02.2025 in the Department of Bio Technology at M.M.E.S Women’s Arts and Science College, Melvisharam
14. Ms.R.Angelin Salana Sweety, Ms.S.Santhana Lakshmi and Ms.R.Nandhni of I M.Sc.,Computer Science Won I<sup>st</sup> Prize in Science Expo held on 28.02.2025 in the Department of Bio Technology at M.M.E.S Women’s Arts and Science College, Melvisharam.
15. Ms.S.Mythili II CS ‘A’ Won I<sup>st</sup> Prize in Poetic Quest held on 04.03.2025 in Roots & Rhythm 2k25 Conducted by Thiruvalluvar University.

## **STUDENT PARTICIPATION:**

1. 20 Students from the Department of Computer Science actively participated in One-Day International Level IT Meet Programme “IZEAL-2024” held on September 18, 2024, at KMG College of Arts and Science- Gudiyattam
2. 19 Students from the Department of Computer Science actively participated in One-Day International Level IT Meet Programme “TECHNO CRAFTS-2024” held on September 20, 2024, at KMG College of Arts and Science- Gudiyattam.
3. 24 Students from the Department of Computer Science actively participated in Workshop on “Full stack web development” held on September 23, 2024, at at Auxilium College (Autonomous) – Vellore. This workshop enhanced their knowledge in Emerging Technologies.
4. 3 Students from the Department of Computer Science actively participated in “QUIZ” held on September 23, 2024, Conducted by the Department of Mathematics at M.M.E.S Women’s Arts and Science College – Melvisharam.
5. 9 Students from the Department of Computer Science actively participated in One-day International Conference held on January 9, 2025, at Sree Abirami Arts and Science college for Women-Gudiyatham.
6. 14 Students from the Department of Computer Science actively participated in One-Day Workshop on “Tableau” held on January 10, 2025, at C.Abdul Hakeem College of Engineering & Technology – Ranipet. This Workshop enhanced their knowledge of emerging technologies.
7. 14 Students from the Department of Computer Science actively participated in one week “Technical Enrichment Program” [TEP] held from January 20 - 25, 2025, at Marudhar Kesari Jain College for Women-Vaniyambadi.
8. 2 Students from the Department of Computer Science actively participated in “Logo Creation” held on January 22 ,2025, at Thiruvalluvar University-Serkadu
9. 146 Students from the Department of Computer Science actively participated in One-Day National Level Webinar on “Emerging Cloud Technologies” held on January 31, 2025, at M.M.E.S Women’s Arts and Science College - Melvisharam,
10. 16 Students from the Department of Computer Science actively participated in State-Level Seminar on “Publishing Research paper in journal using Generative AI” held on February 10, 2025, at Arcot Sri Mahalakshmi Women’s college-villapakkam.

11. 2 Students from the Department of Computer Science actively participated in Poster Presentation Intercollegiate Management Meet “Mira Magnus Fest’25” held on February 25, 2025, at Annai Mira college of engineering and Technology-Vellore.
12. 2 Students from the Department of Computer Science actively participated in Arabic Exhibition held on February 26, 2025, at M.M.E.S Women’s Arts and Science College – Melvisharam.
13. 11 Students from the Department of Computer Science actively participated in “Roots & Rhythm 2k25” held from March 04, 2025 to March 11, 2025 at Thiruvalluvar University-Serkadu