DEPARTMENT OF CSE – (IoT and Cyber Security including Blockchain Technology)

NEWSLETTER

CYBER INSIGHT

ABOUT THE DEPARTMENT

The Department was started with an intake of 60 students in 2020; the sanctioned intake was increased to 60 seats in 2022. The Department of CSE – (loT and Cyber security including Block chain Technology) has been continuously making progress in Teaching and R & D activities. The Department focuses on preparing the students for wide range of IT careers equipping them with unique enriching experience of molding tomorrow's technocrats with high caliber and commitment

The Department is well equipped with 180 Computer Systems with latest configuration and also has a separate Department Library with Latest Titles, Editions, Journals, and Magazines and also connected with Internet Facility. The Department organizes Seminars, Workshops and Guest lecturers to enhance the Technical Skills of the students, so that they can face global competition.

The Department has entered into MoU with Pondy World,Pondicherry,Laksh Source Business Solutions Private Limited pondicherry for software training and Faculty Development Programs, besides R&D activities

VISION AND MISSION

VISION

To impart knowledge with the latest technological advancement in the field of CSE(INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCKCHAIN TECHNOLOGY) and transform the learners into global contributors as Innovators, Entrepreneurs, and Researchers

MISSION

Department of CSE (INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCKCHAIN TECHNOLOGY) is committed.

Higher Order Thinking: To impart strong fundamental concepts, analytical and problem solving ability to hone their professional skills.

Continuous learning: To create an excellent conducive atmosphere for student learning and continuous updating of their knowledge on technology.

Entrepreneurship: To imbibe the spirit of leadership skills to be an active entrepreneur in society with moral values.

Competency: To enhance creativity in research and to develop the competency of the students in the Technological field.

PROGRAMME EDUCATIONAL OBJECTIVES(PEO)

PEO1: Employability: Our Graduates shall be suitably employed in allied industries/services with professional competency and knowledge of modern tools.

PEO2: Higher Education: Our Graduates shall be capable to pursue higher studies/research in the field of engineering and management.

PEO3: Entrepreneurship: Our Graduates shall be prepared for a successful career by meeting the ever-increasing demands required by Computer Science and Engineering profession and enabling them to become an entrepreneur.

PEO4: Ethical: Our Graduates cultivate professional and ethical attitudes with effective communication skills, teamwork, and a multidisciplinary approach related to engineering issues.

DEPARTMENT ACTIVITIES

Guest lecture on "**Enhancing Cyber security with Triprwire**" byMs.M.Chandravathana, Senior Information Security Engineer, Infosys Pvt Ltd.,Chennaifor Thirdyear CSE (ICB) on 16.9.2023.

Orientation program on "**Cultivating a love for learning finding Joy in Quality Knowledge**" is conducted for the SecondYear Students on 7.10.2023 by Ms.S.Adolphine shyni, AP/CSE(ICB).

Workshop on **"ESSENTIAL AND EMERGING TECHNOLOGIES: OS AND CN"** byMr. ARAVIND SELVAPALANI, Staff Engineer, Celestica, Chennai. for Second year CSE (ICB) on 10.11.2023.

A Seminar on Entrepreneurship was organized for Second year CSE(ICB) students by Mr.Manojkumar,IGSL, Puducherry, on 10.11.2023.

A workshop on "Global Perspectives on Patent law: Challenges and Opportunities" delivered by Dr.Jayakumar, Patent Attorney Pondicherry for Third Year CSE(ICB) students on 31.01.2024.

The career guidance program on "The Art of Networking: Building Connection for Career success" delivered by Ms.Gomathy Menon, Twilight Solution, Pondicherry for Second YearCSE(ICB) students on 31.01.2024.
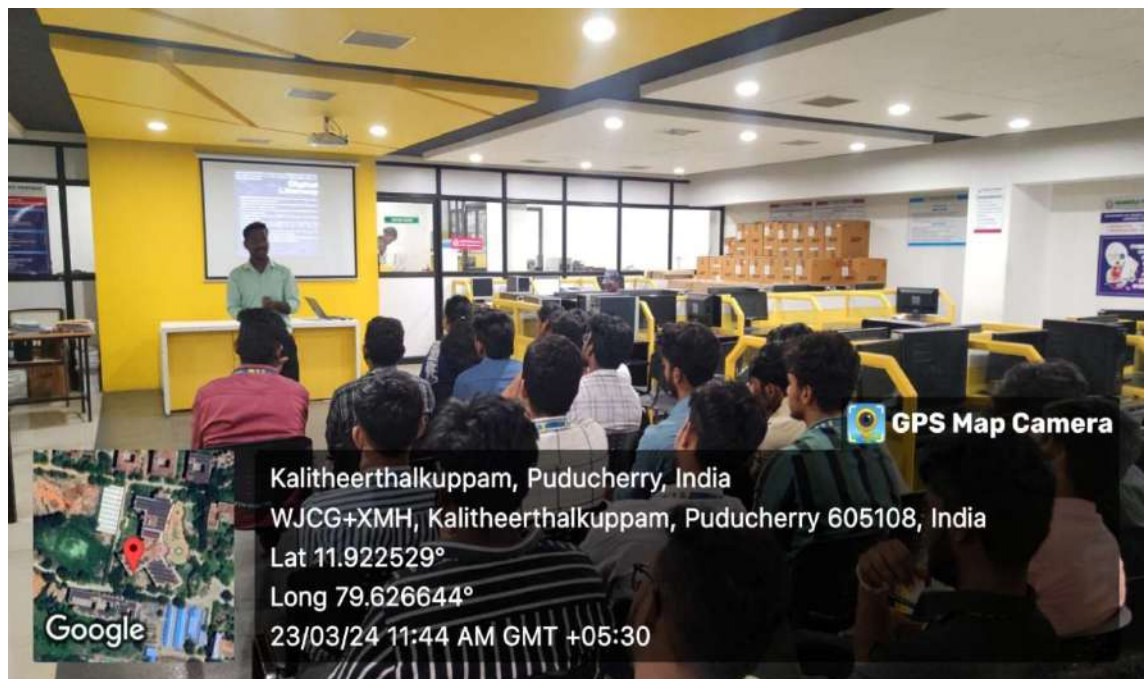

One day seminar conducted topic on "Intellectual Property Rights" conducted by Dr. P. Jayakumar, Attorney JSIP Design Solutions on 06.02.2024.

Second and Third year Students Conducted Mini- Project Expo on 29.02.2024.

For Second Year students Embarked for Industrial Visit in V THINK , Chennai on 02.03.2024.

Orientation program on "**Digital Literacy and Cyber Safety**"is conducted for the CSE(ICB)– Third year student on 23.3.2024, Mr.S.Dhinesh Kumar, Information Security Analyst, KVB, Chennai.

Career Guidance Program on "**Mapping Your Career: Strategies for Success and Growth**"is conducted for theCSE(ICB)– Second year student on 23.3.2024, by Shankar Damodaran , Technology Analyst , Infosys , Chennai.

Final Year Project Expo is conducted for CSE(ICB) on 04.05.2024.

Guest lecture on "**Devops**" by Mr. Praveen Narayanassamy, Data Engineer, Virtusa Pvt Ltd., Chennaifor ThirdyearCSE(ICB) on 04.05.2024.

In Fruition'24 Our Department Faculty got award for Good Semester Results on 16th may 2024 at ManakulaVinayagar Institute of Technology.

FACULTY ACTIVITIES

Mrs.K.KAVITHA attended FDP program on **"The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation by Hindusthan College of Arts & Science"** during 19th Sep to 26th Sep 2023.

Mrs.K.KAVITHA attended Webinar on **"Tools for Research Excellence "** during 19th Oct 2023.

Mrs.K.Kavitha attended Workshop on **"Generative Artificial Intelligence and Cybersecurity"** held on 26th Oct 2023.

Mr.RAJ BHARATH attended FDP program on **"Indian Knowledge System By NITTR, Chennai"** during 20th Nov to 24th Nov 2023.

Ms. S. ADOLPHINE SHYNI and Mrs. K. C.NITHYASREEhave attended FDP program on **"Creative Thinking by ICT academy"** during 5th Dec to 7th Dec 2023.

Mrs .K. KAVITHA attended FDP program on **"Fortifying Digital Fortresses: Navigating the current Landscape of Cyber Security"** during 9th Dec 2023.

Mrs.K.KAVITHA attended FDP program on **"Innovation, Incubation And Research Challenges** In India by Sree Sakthi Engineering College, Coimbatore" during 25th Dec to 30th Dec 2023.

Mrs.K.KAVITHA attended FDP program on "**Recent Advancements In Artificial Intelligence"** during 8th Jan to 12th Jan 2024.

Mr. V. KUMARAGURU , Mrs. K.C.NITHYASREE and Ms. S. ADOLPHINE SHYNI have attended FDP program on **"Blockchain Technology"** during 8th Jan to 12th Jan 2024.

Ms. A. SHEERIN attended FDP program on **"Recent Advancements In AI"** during 8th Jan to 12th Jan 2024.

Mrs. K.C.NITHYASREE and Ms. S. ADOLPHINE SHYNI attended FDP program on **" Data Analytics Using Power BI And Tableau"** during 11th March to 15th March 2024.

Mrs.K.KAVITHA attended FDP program on "**Generative AI**" during 1st April to 6th April 2024.

Mr.RAJ BHARATH attended FDP program on "**Entrepreneur Eco-System : Master in entrepreneurship Startup and Incubation**" conducted by Amet University, DSP sponsored" during 25th March to 5th April 2024.

Mr. V. KUMARAGURU attended FDP program on "**Creative Thinking by ICT academy**" during 8thApril to 12th April 2024.

Mr. V. KUMARAGURU, Mrs.K.C. NITHYASREE and Ms. S. ADOLPHINE SHYNIhave attended FDP program on "**GEN AI and prompt engineering using Microsoft copilot**" during 15th April to 19th April 2024.

Mrs. M.SREEMAA attended FDP program on "**UHIV**" during 20th May to 24th May 2024.

Mrs. M. SREEMAA , Ms. S. ADOLPHINE SHYNI ,Mrs. K. KAVITHA, Mrs. K.C.NITHYASREE, Mr. V.KUMARAGURU and Ms. A. SHEERIN attended FDP program on "**OBE And NEP 2020**" during 10th June to 14th June 2024.

Ms. A. SHEERIN attended FDP program on "**Cloud Computing using AWS**" during 8th July to 13th July 2024.

Ms. A. SHEERIN attended FIP program organized by IQAC Team for Newly Recruited Faculty during 8th July to 13th July 2024.

Ms. A. SHEERIN attended PDP program by IQAC on "**ICT Tools for Interactive Teaching & Learning**" during 22nd to 27th July 2024.

Mr.V.KUMARA GURU, Asst.Prof / CSE(ICB) has successfully published paper **"Securing the Digital Realm: Leveraging The Transfer Learning In AI Threat Driven Detection For Enhanced Cyber Security"** at Educational Administration Theory And Practice on May, 2024.

Mrs. KC NITHYASREE Asst. Prof/ CSE(ICB) has successfully published paper on **"Blockchain Driven Predictive Analysis Ecosystem : Empowering Users For Insightful Futures"** at Educational Administration Theory And Practice on May, 2024.

Ms.S.ADOLPHINE SHYNI Asst. Prof/ CSE(ICB) has successfully published paper on **"Preservation Of Digital Forensic Evidence Using Blockchain Technology"** at Educational Administration Theory And Practice on May, 2024.

Mrs. K.KAVITHA Asst. Prof/ CSE(ICB) has successfully published paper on **"Pharmaceutical Supply Chain Management using Blockchain Technology"** at African Journal Of American Sciences on May, 2024.

Mr.R.RAJBHARATH HOD/ CSE(ICB) has successfully published paper **"Transformative Wealth Management with Blockchain And machine learning"**at Educational Administration Theory And Practice on May, 2024.

Ms.A.SHEERIN Asst. Prof/CSE(ICB) has successfully published paper on "**Air Pollution Hotspot Detection using machine learning And CSE(ICB)"** at 3rd International Conference On Innovation And Recent Trends In Computer Science on 15th& 16th December 2023.

STUDENTS ACTIVITIES

- Session is arranged for Third year (2021-2025) batch students those who having more that 60% in 10th , 12th& CPGA with nil arrear , on topic "**Workshop of the future**" by Mr.GaneshThirunavakkarasu, Academic Relationship Manager, TCS, Chennai on 15.09.2023 between 9.00 AM to 12.00 noon at ground floor auditorium.

- Dream students from Third Year students have attended the Workshop on **"Python(API & Web Apps Creation"** by The Expert Team Members from TCS for "Learn in a Day" Series on 14th September 2023 in MIT Auditorium.

- Final year students have attended a Value Added Courses on **"Introduction to Blockchain Technology"** in the center of excellence from 13th to 16th Sep 2023.

- Dream students from Final Year students have attended the Workshop on **"React JS"** by The Expert Team Members from TCS for "Learn in a Day" Series on 15th September 2023 in MIT Auditorium.

- Students from SECOND and THIRD Years have Presented a project ideas for the Third edition of CII Puducherry Innovation Contest 2023 is conducted on 20.9.2023 in AV Room at 10.00 AM .

- R.Hariharan and M.Harikrishnan from THIRD Year has participated and presented a project on **"IND- MUMB BOT"** in Innovator's day 2023 (A National Level Project Contest) Conducted by SMVEC, Madagadipet, Puducherry on 14.9.2023.

- R.Akshaya from THIRD Year have Presented a Speech "Passion-Key to success" on Youth talk organized by ICT Academy on 25.09.2023.

- E.VishnuPriyan of THIRD Year (CSE(ICB)&CS) has received internship offer letter from "CONGNIFYZ" on (27.09.2023).

- T.Hariharan of THIRD year CSE (CSE(ICB)& CS) has received appointment letter for the Forensic Intern on (18.10.2023) for three months intern.

- P.VISHNU PRIYA of THIRD year CSE(ICB) has received "First Prize" in "MUTHAMIZH ARIGNAR KALAIGNAR SPEECH COMPETITION" in the year 2023-2024 at ManakulaVinayagar Institute of technology on (04.11.2023)

- Students of THIRD year CSE(ICB) has completed AI Odyssey course on 31.01.2024.

M.Harikrishnan , M.Haarris and N. Kirubakaranof Third Year CSE(ICB) went for School visit to Karaikal on 06.02.2024 & 07.02.2024.

- Students of SECOND year CSE(ICB) has participated in FOOD EXHIBITION conducted by MVIT on the topic PULSES DAY on 10-02-24.

M.Harikrishnan , M.Haarris and N. Kirubakaranof Third Year CSE (ICB) went for School visit on Karaikal on 13.02.2024.

M. Harikrishnan of THIRD year CSE(ICB) has participated in SCIMIT conducted by MVIT on 28-02-24 and won the first prize.

Kirubakaran.N and Haarris.M of THIRD year CSE(ICB) has participated in SCIMIT conducted by MVIT on 28-02-24 .

- Kaderavan and Kavi Amudhan of SECOND year CSE(ICB) has participated in PAPER PRESENTATION on "RASPBERRY PI CONTROLLED ANAESTHESIA MONTORING MACHINE DEVICE" in COMSCI conducted by SRM on 04-03-24.

- Gokul and Sidharthane of SECOND year CSE(ICB) has participated in PROJECT EXPO on the topic SMART INCUBATOR in COMSCI conducted by SRM on 04-03-24.

Harikrishnan.M of THIRD year CSE(ICB) has participated in STUDENT RESEARCH CONVENTION (SOUTH ZONE) in ANVESHAN Conducted by SRM on 11-03-2024 and won Second prize.

Vinith.S of THIRD year CSE(ICB) has participated in CONNECTIONS in MITILENCE Conducted by MVIT on 16-03-2024 and won Second prize with cash prize of Rs.400.

- Chandramouli.M of THIRD year CSE(ICB) has participated in DEFENSE in MITILENCE Conducted by MVIT on 16-03-2024 and won Second prize with cash prize of Rs.1000.

- Jayaprakash of SECOND year CSE(ICB) has participated in WEB CRACKING in MITILENCE Conducted by MVIT on 16-03-2024 and won Second prize with cash prize of Rs.1000.

- Students of SECOND year CSE(ICB)have participated in PAPER PRESENTATION conducted by AIML department in MVIT on the topic IMPACT OF AI ON PRODUCTIVITY AND NATURAL DISASTER on 22-03-24.

- Jayaprakash, Dhanalaxmi, Gugan and Parthasarathy have participated in POSTER PRESENTATION regarding TUBERCULOSIS DAY conducted by MVIT on 25-03-

2024.

Students of SECOND year CSE(ICB) have participated in the ART EXHIBITION and Kavi Amudhan won Third prize on 05-04-24.

Kaderavan, Kavi Amudhan and Sabarinathan of SECOND year CSE(ICB) have participated in PAPER PRESENTATION on " RASPBERRY" conducted by PTU on 04-03-24.

Jayaprakash , Dhanalaxmi and Leelavathi of SECOND year CSE(ICB) has participated in PAPER PRESENTATION on "APPLICATION FOR DOMESTIC ANIMALS" conducted by PTU on 04-03-24.

Jayaprakash of SECOND year CSE(ICB) has participated in WALKATON and CYCLATHON on 16-04-2024.

Harikrishnan.M of Thirdyear CSE(ICB) has received "BEST STUDENT AWARD" of the year 2023-2024 in Fruition on 16.05. 2024 at ManakulaVinayagar Institute Of technology.

Harikrishnan.M of THIRD year CSE(ICB) has participated in Gayanith HackathonConducted by NIT and won First Prize.

M.Y.Shahanas of IV year CSE(ICB) has received " STUDENT OF THE YEAR AWARD" of batch (2020- 2024) in Fruition on 16.05.2024 at ManakulaVinayagar Institute Of technology.

Students of THIRD year CSE(ICB) went for an Industrial Visit to the company "**WISILICA**" INDIA pvt.ltd" on 20.10.2023and 21.10.2023

Industrial Visit for the Second Year CSE Students on 04.11.23 to the company "**TECH VOLT SOFTWARE PRIVATE LTD"** Technology in Coimbatore for one day.