# ST. XAVIER'S CAMPUS CONNECT

## CORRESPONDENT'S MESSAGE

### Rev. Fr. Dr. M. Maria William

Dear St. Xavier's Family,

While AI technology is changing the fields of science and engineering and the related business enterprises radically, Gen AI technology has brought up a paradigm shift within AI technology itself. At one side it is a big boom for the democratization of science and knowledge, that even ordinary people are able to get organized information about anything in the world just by a search, on the other it has brought with itself some serious challenges also.

The most important challenge being the ethics related to using digital media in academia. Even expert teachers are finding it difficult to differentiate between original personal writings from AI generated writings. Academic intellectual honesty is being affected in a big way. Though there are new software emerging to authenticate the originality of written materials, concerned academicians are very much worried that Gen AI technologies will kill the creativity of the students and researchers.

No new invention is to be detested. Though inventions may pose some challenges and often even some anxiety, they are great opportunities to learn and develop. As professional technocrats we only welcome the new GenAI era open heartedly and gird ourselves for the new learning challenge.

Let us proudly march forward as human beings into the new swift jump of evolution of our human race, opening new horizons of technically augmented life that make human life more empowered, humane, democratic, empathetic and loving.

## Contens

- Events
- Students Achievements
- Academic Activities
- Placement Activities
- COE Activities
- Cell Activities
- Research Activities
- Others

## Upcoming Events

- Xibita 8.0 - Management Fest -08.11.2023
- PTA General Body Meeting - 10.11.2023
- St. Xavier's Feast - 02.12.2023

# PRINCIPAL'S MESSAGE

Dr. J. Maheswaran

Its my pleasure to congratulate the Editorial team members for their continuous efforts in bringing out our newsletter monthly. The period under consideration is filled with a lot of activities and achievements. I congratulate the achievers in academic, co-curricular, extra-curricular and sports activities. Let this tempo will be continued in the months to come.

All the very best

# EVENTS

## INAGURATION OF AI & MCA LAB
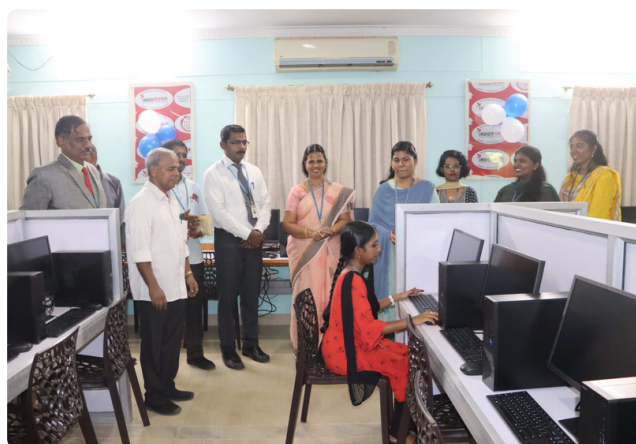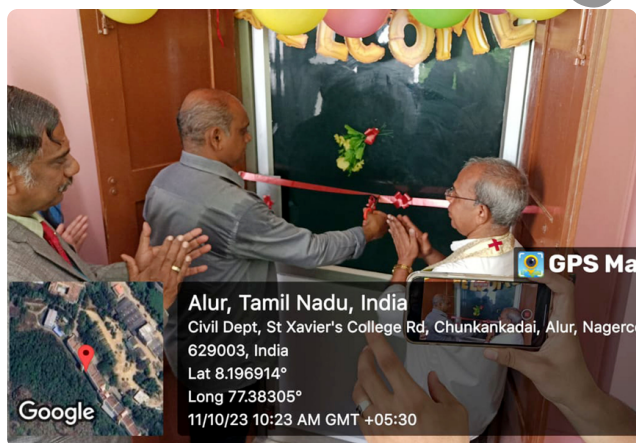






Our Correspondent, Rev. Fr. Dr. M. Maria William inaugurated the new MCA and AI lab on 11.10.2023. New AI Lab was equipped with 67 Desktop PC Lenovo Tninkcentre M70T (Tower Desktop), i7 12th Gen , 16 GB RAM, 512 GB SSD, 21.5" LED Monitor, Keyboard and Mouse with the WiFi Connection D-Link DAP-2680 and MCA lab was equipped with 65 Desktop PC DELL, i5 13th Gen , 16 GB RAM, 512 GB SSD, 21.5" LED Monitor, Keyboard and Mouse with the WiFi Connection D-Link DAP-2680

## TALENT SEARCH COMPETITIONS



Talent Search Competition for the year 2023 was held on 31/10/2023. Four categories which includes 21 competitions was conducted in various venues. Category 1 includes Classical Dance, Folk Solo and Group, Western Solo and Group. Category 2 includes Carnatic Music, Solo Song, Group Song, Instrument Playing, Martial Arts. Category 3 includes Clay Modelling, Face Painting, Nail Art, Pencil Drawing, Photography. Category 4 includes Elocution and Poetry Writing for English ,Tamil and Malayalam. Nearly 350 students participated and judges are invited from outside for all the events. The program went on well and ended successfully.





- An **Academic Administrative** meeting was conducted on 18.10.2023.

# STUDENTS ACHIEVEMENTS

- **Mr. Santhosh Sharuk C., Mr. Ahamed Shafeek and Mr. Jenishlin Brisho M** of II AI&DS has participated and won Second prize and received the cash award of Rs. 7000 in Knowledge and Technology Expo organized by Bethany Navajeevan Institutions on 28th october2023.
- **Ms. J. Breena Queen** of II AI & DS won the first prize in Poster Making competition in National Level Technical Symposium organized by the Department of Artificial Intelligence and Data Science , Annai Vailankanni College of Engineering , Azhagappapuram on 2nd November 2023.
- **Herin Catharin V** of II AI &DS won the first prize in Code Debugging competition in National Level Technical Symposium organized by the Department of Artificial Intelligence and Data Science, Annai Vailankanni College of Engineering , Azhagappapuram on 2nd November 2023.
- **Mary Spinola S and Saffran S of II AI &DS** won the second prize in Code Debugging competition in National Level Technical Symposium organized by the Department of Artificial Intelligence and Data Science, Annai Vailankanni College of Engineering , Azhagappapuram on 2nd November 2023.
- **Abirami M, Nandhana Sree Nidhi T N and Sherin E F Shaniya** of II AI & DS won the second prize in Paper Presentation competition in the National Level Technical Symposium organized by the Department of Computer Science and Engineering, Annai Vailankanni College of Engineering , Azhagappapuram on 5th October 2023.
- **Anuvarsha J** of II AI & DS won the second prize in Code Debugging competition in National Level Technical Symposium organized by the Department of Computer Science and Engineering, Annai Vailankanni College of Engineering , Azhagappapuram on 5th October 2023.
- **VISHNU K S** of II AI & DS won the first prize in Project Expo organized by Francis Xavier Higher Secondary School , Mankuzhy on 5th October 2023.
- **Mr. Santhosh Sharuk C & Mr. Ahamed Shafeek S** of II AI&DS has participated and won the first prize in Project Competition organized by IIC held at Loyola Institute of Technology and Science, Thovalai on 5th August 2023.
- **Ms. Ebil Metilda S & Ms. Fathima Nasreen F** of II AI&DS has participated and won the second prize in Project Competition organized by IIC held at Loyola Institute of Technology and Science,Thovalai on 05 th October 2023.
- **Ms.M. Diya** of II AI&DS has participated and won the second prize in Idea Presentation competition organized by Ensav club, IET, FOSSEE club and IEI held at SXCCE on behalf of Engineers day on 16 th september 2023.
- **Ms. LENIDA K  & Ms. Reshma Ramesh**  of II AI&DS has participated and won the first prize in Poster Presentation competition organized by Ensav club, IET, FOSSEE club and IEI held at SXCCE on behalf of Engineers Day on 16 th September 2023.
- NCC unit 11 (TN) BN NCC Nagercoil conducted CATC CUM RDC TRG-I at NTA, Idayapatti, Madurai from 21 Oct 2023 to 30 Oct 2023. Total 500 cadets participated in this camp. Our cadet **Sivamohan V** got second prize in firing competition.

- Our students received **Overall Championship** for the competitions conducted by Kumari Kalai Kazhagham.
- **GOPIKA S , PREETHIMANJRA J S , SAHAYA JINCY R , STENY S , JELESHA I** J secured the second prize for group dance competitions.
- **JELESHA I J** secured 2nd prize in Solo song competition.
- **EDSARONE NITHIN ,E KEZIA JOHN,BLESSED JOHN V ,PARIKSHITH M ,HANNAH S CHRISTA ,BABIDSHA SANCY M ,DAARSHIYA S ,SHARBIN I ,JELESHA I J** secured first prize for group song competition
- **GOPIKA S** secured 1st prize in Solo dance competition.
- **ARATHI KRISHNA K G** secured 2nd prize in Solo dance & 3rd prize in Essay writing in english
- **REENU SUSAN KURIAN** secured 2nd prize in Poetry English organized by Kumari Kalai Kazhagham
- **FATHIMA RENOSHA M R** secured 3rd prize in English Poetry competition
- **NAYANA K NAIR** secured 3rd prize in Story English writing in competition
- **FELSHI A** secured 1st prize in Story writing in english
- **PREETHIMANJRA J S** secured 2nd prize in Essay writing in english
- **THRIVENI J A** secured 3rd prize in Essay writing in english
- **HARRIS F** secured 2nd prize in  Tamil Poetry competition
- **JESLIN RAJ R** secured 1st prize in Essay writing in tamil & 2ndprize in Story writing in tamil
- **RUDHRA S N** secured 3rd prize in Essay writing in tamil



# Rotayutsav

## 18.10.2023



- **RAIHAAN AJIMALAM BABU, DAARSHIYA S, SHARBIN I, BABIDSHA SANCY M, BLESSED JOHN V, PARIKSHITH M, HANNAH S CHRISTA, KEZIA JOHN** secured second prize in Group song competition
- **TATA T POLI VENKATA MEGHANA, PRIYA R P, LYDIAA NEFLA F** secured 3rd prize in Dumbcharades
- **DIVYA PRIYA A, ASHMITHA R** secured 3rd prize in Quiz
- **REENU SUSAN KURIAN** secured 3rd prize in Group Discussion
- **ABINESH M RAJ, DIVINE, JEFFRIN JAS R J, ANTON JEFFRIN F, AARTHY M A,SHERIN RICKSHIYA A** secured second prize for group dance

# ACADEMIC ACTIVITIES



## ACADEMIC AUDIT 2022-2023

As per the direction of Anna University, Academic Audit was conducted on 14-10-2023 by external experts for the courses ( Except MBA Courses) conducted during the Academic Year 2022-2023. The experts from National Engineering College, Kovilpatti ( Autonomous & NBA Accredited institution as recommended by the Governing Body) conducted the audit successfully .

## REACTJS

ADAX organized a Hands-on training on ReactJS on 26.10.2023. In the forenoon session one of the resource persons gave a brief Introduction of ReactJS, Installation process, ReactJS JSX, ReactJS Components, ReactJS State, ReactJS Props, ReactJS Forms, ReactJS Events, ReactJS Animation and many more. The resource persons were Mr. Navanesh Kanth, ReactJS developer, Mr. Abhimanyou, Mobile App developer, Ms. Anusha, Software developer & Ms. Shinu Sharmi, Software developer, Perkins Campus Software Training Centre, Vetturnimadam, Nagercoil.In the afternoon session the students worked on React Forms which is an integral part of web application.



## SEMINAR ON ARCHAEOLOGY



The REACH Association along with Library & Tamil Mantram organized a two day Seminar cum field visit on 04/10/2023 & 05/10/2023.A 'Seminar on Archaeology' was conducted on 04/10/2023 and a related field visit was arranged to Padmanabapuram Archaeological Museum & St. Thomas Chruch, St. Periyanayagi Chruch and Sivan Temple, Thiruvithamcode on 05/10/2023.The resource persons were Mr. Chenthee Natarajan Mg. Director, S. Anand Subramoniam & Mr. N. Nagarajan, Chembavalam Research Base, Nagercoil.The resource persons explained the Tamil Brahmi scripts, Vattelithu Scripts and Grandha Scripts being used in the ancient times

## UI/UX Design

The Department of Computer Applications organized a one-day workshop on "UI/UX Design" on 28-10-2023, at the MCA Lab. The main objective of the workshop is to make the students understand the UI/UX Design. The session starts at 10 a.m. with the presentation of the Perkins Staff.A Hands-on training was conducted during the afternoon session. 33 students participated in the workshop

The Inauguration of **ELECTROS** (Association of Electronics and Communication Engineering) was conducted on 04-10-2023 at Rock Auditorium. The Chief guest was Dr. V.P Sudeep Kumar, Assistant General Manager at BSNL and the alumnus guest was Mr. W.S Jeenfer, Founder and CEO of Seed2Plant India Pvt. Ltd. Our Correspondent Rev. Dr. M. Maria William presided over the function and our principal Dr. J. Maheswaran felicitated on the event.



The **BRIGITZ** – association of IT department installation was conducted on 6th of October 2023. Er. J Raguvaran (Alumnus – IT), Associate Manager, Accenture acted as the resource person. Our Correspondent Rev. Dr. M. Maria William presided over the function



The installation ceremony of **XACA** (Xavier's Association of Computer Applications) was conducted on 06/10/2023. The Vice Principal, Dr. V. Christus Jeyasingh felicitated the association members. He explained the importance of the association activities and motivated the students to participate in the events that will be conducted by other colleges. The Chief Guest, Ms. M.Sujithra explained about the industrial activities and also guided the students to build self confidence to achieve the goal. She also gave a seminar on OPenAI ChatGPT.



**ASSOCIATION INAUGURATION**

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The inaugural ceremony of **ACE** was organized for the second, third, and final year students of the Computer Science and Engineering department which took place on 05/10/2023.The resource person M. Sukan, Database Lead, Mafiree, Nagercoil imparted valuable insights on how to select a career path aligned with our individual interests. Our Correspondent Rev. Dr. M. Maria William presided over the function and our principal Dr. J. Maheswaran felicitated on the event.The introductory session was followed by an engaging competition, orchestrated by the office bearers. The program exuded interacvity and was genuinely captivating.

- The REACH Association, Department of Civil Engineering, arranged a 2 day Industrial Visit to Chennai on 04/10/2023 to 05/10/2023. The students visited **Oasis Grace Engineering Projects Pvt Ltd**, Chennai and Cybercity Shreeja Meadows, Chennai on 04/10/2023 and Kilpauk Water plant on 05/10/2023. The students learnt about the construction projects and the water treatment processes and its distribution.
- The first year M.E. Energy Engineering students have underwent a field visit **crazy coconut India**, Veeravanalur on 06.10.2023
- Department of Management Studies, had arranged for an Industrial Visit to **Travancore Titanium Products Limited,** Kochuveli, Thiruvananthapuram, Kerala on 04.10.2023 and 05.10.2023 for different batch of students.An overview was given by Mr. Sajeev, Training Department and Mr T Beena HR Manager of TTPL.

- On October 14, 2023, at 10:00 a.m., the FACEAT & P, Department of Civil Engineering, hosted a **seminar on Construction Practices** for the II, III & IV year students. Er.A.Bino Das, ME (structures), M.I.E., Builders, Engineers, & Contractor was the resource person. The speaker covered a variety of Civil Engineering construction techniques and procedures, emphasizing those used in the Kanayakumari district. The activity was highly educational and engaging, and the students learned about Civil Engineering construction techniques..
- SEE conducted an **enrichment program on "Operating procedures of Inverters"** by G.Vignesh, Testing Engineer, Schneider Electric PVT LTD to motivate the students for future high-technology inverter applications and for relevant improvements in codes and standards on 3 rd November 2023.Seventy two students were benefited out of this event.
- ADAX organized a **seminar on AR/VR** on 04.10.2023. In this session the students were given awareness regarding the AR/VR technology. The resource person, Mr. S.Sundara Raman, National Head, SCOPIK Edu.tech., Chennai, inspired the students to take an interest in the material and use it to address problems in the real world.
- ADAX organized a **seminar on project orientation** on 30.10.2023. In this session the resource person, Dr. R.Jemila Rose, HOD/AI&DS explained various stages in project development and how to choose the domain of interest. The resource person added the benefits of publishing the research article and how to develop the research article from their final year projects.
- A seminar on **'Application of Heat transfer in Rocket systems'** was held on 26.10.2023 for the third and final-year Mechanical Engineering students with the resource person Dr. M. Xavier, Retired Deputy Directory of LPSC, ISRO, Trivandrum. The main objective of the seminar is to enrich knowledge on heat transfer in rocket systems and motivate the students to various opportunities in space sectors.
- The Department of MBA organized a One day **Seminar on "Virtual Business Management for Budding Managers"** on October 6, 2023. The seminar focused on the basics of networking which can be used in e-business and e-commerce. Mr. Allwyn Henry commenced the seminar with his talk about the basic terms of networking like the intranet, internet, extranet.

# PLACEMENT ACTIVITIES



**H & R Block**

**PLACED STUDENTS**

**UST**

**Renault Nissan Tech**



## PLACEMENTS

- **UST- ON CAMPUS PLACEMENT DRIVE** (Final rounds) was conducted for B.E/B.Tech – CSE, IT & MCA M.E – CSE on 13/10/2023. Eligibility criteria was 60% and above in 10th, 12th and in degree. Salary package is Rs. 4.0LPA (CTC).1 student got selected.

- **H&R Block - ON CAMPUS PLACEMENT DRIVE** (Final Rounds) was conducted for B.E/B.Tech – All Depts. & MCA,M.E – All departments on 19/10/2023. Eligibility criteria was 60% and above in 10th, 12th and in degree. Salary package is Rs.5.06 lakhs per annum (CTC). 5 students got selected.

- Internal Training Session for **"H&R Block"** shortlisted 35 students was organized for IV Year B.E/B.Tech (CSE, IT, ECE, EEE) students by Internal trainers for Seven Days from 11-10-2023 to 18-102023. On 14-10-2023 Four of our college Alumni's named Mr. Sivabalan R, Ms. Tharavi Sri Nisha G T, Mr. Allen Mathew M J and Ms. Shaliha Safreen S working in H&R Block visited our campus and conducted a training session on, How to Face an Interview with confidence, How to face a Managerial Interview and HR Interview. Finally, they conducted a Mock Interview for the students and gave valuable suggestions, tips and tricks to crack an Interview.

- On 13-10-2023 **"Company Specific Training"** was given by the Internal Trainer Dr.James Ligorias for Nine students through Mock Group Discussion.

- A "**Study Abroad Awareness Program"** was conducted by ACS International Educational Consultancy was held on 19-10-2023. 14 students participated in the training program. In the training they discussed about, different possibilities to study in Abroad, facilities needed to study in Abroad, available Scholarship Schemes, Available courses in different countries, How to get a part time job during Academic periods, Arrangement of Visa for different countries etc.



**TRAININGS**

# COE ACTIVITIES



**EXAMINATION AUDIT**

April/May 2023 examination activities were audited by Dr. A. Azhagurajan, Controller of Examinations, Mepco Schlenk Engineering College, Sivakasi on 26-10-2023.

**Nov./Dec. 2023 Examinations**

End semester examinations for R-2017 and R-2021 B.E./B.Tech. Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology and Mechanical Engineering are scheduled to be conducted as follows.

Practical Examinations: 14-11-2023 to 22-11-2023
Theory Examinations: 27-11-2023 to 12-01-2024

## JUNIOR CALIDA FESTA



Alur,TN,India
St Xavier College Road, Chunkan Kadai, Alur, 629807, TN, India
Lat 8.193742, Long 77.384739
10/13/2023 03:28 PM GMT+05:30
Note : Captured by GPS Map Camera

The Juniors Calida Festa 2022 was held on October 13th 2023.Nearly 7 competitions were charted and circulated among the schools and 284 students from 16 schools participated. Various committees like Registration, Program, Refreshment, and Announcement were formed with FAC members. NCC cadets monitored and helped the school students. Event was planned in 3 venues and the events conducted were Group Music, Folk Dance Group, Cinematic Folk ,English Elocution, Tamil Elocution, Pencil drawing and Sudoku. The Event started at 10 A.M. Prize distribution ceremony was presided over by the Correspondent and Principal and prizes for 7 events were distributed. Overall Championship was bagged by Alphonsa Matriculation Higher Secondary School ,Nagercoil. The program came to an end by 4.30p.m.

## YOUTH TALK - 2023



Youth-Talk -2023 final organized by the ICT Academy was held on 6th October. HRs from various corporates acted as the Jury members . All the 12 contestants presented their views in good manner. The event was presided over by the Correspondent Rev. Fr. Dr. M. Maria William. After the peer valuation top three students were selected . Reenu Suan Kurian of final CSE bagged up the second prize. The event came to an end by 4 pm.

## National Level Symposium SDG 713 Fest



SXCCE G9 EnSAv Club conducted an AICTE - SPICES sponsored National Level Technical Symposium "SDG 713 Fest 2023" on 14th October 2023, in association with IET SXCCE On Campus, IEI SXCCE Student Chapter and FOSSEE Club. The objective of the symposium is to cultivate the innovative solution from the students towards SDG Goal 7 - Affordable and clean energy & SDG Goal 13 - Climate Action. Dr. L. Ramesh, Dean - Dr. MGR Educational and Research Institute, Chennai is the chief Guest for the event and Er. R. L. Geoffer Jaish, Siemens, YP Chairman - IET KKLN is the Special Guest for the event. About 210 students participated in the event, in which 40 students are from other institutions. Five events such as SDG Battle, SDG poster fest, SDG video fest, SDG debate, SDG Art Gaze were conducted for the students. Prizes were distributed to the winners and runners in the valedictory event

- A **"Book Talk"** event was organized on 28/10/2023 by the Readers Club where four of the Readers Club members reviewed the books - Three Thousand Stitches(S L Rinu - II CSE), Rich Dad and Poor Dad (A Ramya Sridevi - II IT), Ghachar Gochar (R Jenisha - III IT), Izaham Kutravazhigal Uruvavathu Yaen (J J Jegil Tiffania - II CSE)
- Special Training for **Music,both Vocal and Instruments** was held on 28/10/2023 from 10 am to 12.15 pm in Rock Auditorium.The training was given by Fr.Jayaseelan ,Music Trainer.Nearly 100 students participated .It was arranged by Music Club via Fine Arts Club
- The Radio Club conducted a seminar on **"Life Skills and Script Writing"** on 28-10-2023 from 9.00 am to 12.15pm. The resource person of the day was Dr. R. Adlin Jeba, Assistant Professor, Department of Tamil, Nanjil Catholic College, Kaliakkavilai. The resource person trained the students for writing scripts in tamil. He explained the theme and story of various tamil books with examples
- The workshop on '**Taking Better Smartphone Photos**' was organized by the Photography Club for the members of the club on 28/10/2023. About 30 students participated. The Resource person Mr. S. Selvin, Professional Phorographer covered various topics like ISO setting, shutter speed setting, aperture setting and setting up better angles.

# BOTANICAL AUDIT



Botanical Audit event was conducted at SXCCE Campus on 28/10/23 by the members of Eco Club under the guidance of Mrs. A.C.Jinisha, Convener of Eco Club. The Eco Club members were splitted into 5 groups. They found 169 fully grown trees, 196 semi-grown trees, 900 bushes and 2,038 small plants from the garden area of College gate 2 to the IT department. In addition to that, they observed Garden Lizard, dogs, butterflies, spiders, grasshoppers and so on. At the end of the event, eco club members identified the number of flora and fauna in and around our campus and they became more eco-conscious.

## Eye Checkup & General Medical CAMP



General Medicine and Eye Checkup camp was conducted in our college on 17-10-2023 by NCC, YRC, NSS and Health cell of our college in association with Bensam Hospital, Dr Agarwal Eye Hospital and Rotary Club Nagercoil. General checkup was done for about 177 students and Eye checkup for about 140 students were done. Twenty five staff members were also benifited. Forty five NCC cadets participated in this camp

- On 14/10/2023 at 11am a **quiz** for the members of ISHRAE club was conducted to motivate the students for the Aquest competition conducted by the ISHRAE chapter for placement in a reputed HVAC industry.

- **PATW** conducted a competition was held in our college on 27/10/2023 at Seminar Hall/EEE.The winner and runner for next level was selected.8 students were participated in the contest and the event was judged by Dr.Antony Forster Raj,A.P/Mech.

- Constitution cell organized a **Seminar on Powers and Functions of Indian Government** on28.10.2023.Adv. T. Dhanuja, sought to explain the students about the powers of Indian Government. The main core aim of the talk was about to make the students aware about the Legislations of the Indian Government.

- The Hands-on Training **"Red and Blue team operations - Initial access to Ransomware Deployment"** was organized by National Cyber Safety and Security Standards at Innovative Computing Lab on 14th, October,2023 from 9am to 4:15pm. The session was handled by Mr. R. Ajay, MDR – Threat Analyst, Sophos. The session was focused on the Red and Blue Team operations – Initial Access to Ransomware Deployment.

- A Seminar titled **"ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY"** was held on 28/10/2023. The resource person Mr. K.R Dison, delivered the lecture on Innovation and Business opportunities around us.

- A seminar on the various **Missile Technology** available in India was conducted by an alumni Shambhu S. Krishna, project engineer, Brahmos aerospace Trivandrum on 30.10.2023 at 11.30am in the CAD laboratory. His talk was based on history of the missiles in Indian context and also the placement opportunities in ISRO and other central government sectors.

- The ACM-W organized a full-day hands-on training on 14-10-2023 the event focused on the theme **"Campus to Corporate"** with Mr. Giri Krishnan KS, Training Head at ExLife Solutions Pvt Ltd, Trivandrum, as the trainer. The training day commenced with Mr. Giri Krishnan providing a comprehensive introduction to Java programming .Following this, he delved into the practical aspects of code development in a corporate setting, sharing real world examples and experiences. Additionally, he introduced participants to exclusive code used in corporate environments, giving them insights into the industry's specific coding practices.

- On October 18, 2023, IEEE members from the Educational Society Student Branch visited the Government Primary School in Chunkankadai. Several Competitions were conducted for the students.

# RESEARCH ACTIVITIES

Nagercoil, Tamil Nadu, India
59VJ+63H, Chunkankadai, Nagercoil, Alur, Tamil Nadu 6290
Lat 8.195293°
Long 77.384022°
30/10/23 11:01 AM GMT +05:30

On October 30, 10.30 am to 12.00 noon, a seminar hosted by the Centre for Research and Development featured Dr. Jobin Christ, an AI expert from Rajalakshmi Engineering College, discussing the potential of ChatGPT for research scholars and faculty. Dr. Jobin highlighted ChatGPT & capabilities, demonstrated its practical applications, and addressed ethical considerations. The seminar left a significant impact on the college community, emphasizing responsible AI usage. It provided valuable insights into the evolving world of AI and its potential in various domains.

## Mastering the Art of Effective Consultancy

On October 30, 3.00 pm to 4.30 pm, our college Centre for Research and Development hosted an online event titled "Mastering the Art of Effective Consultancy"with Dr. Leon Raj, a senior scientist from CSIR, exclusively for our Department Consultancy coordinators and HODs. Dr. Leon emphasized the importance of effective consultancy skills and shared real-world case studies. The event included an interactive Q&A session, addressing the challenges and evolving landscape of consultancy in academia. Faculty members left the session inspired and empowered with valuable insights. We extend our gratitude to Dr. Leon Raj for his expertise and our faculty members for their active participation.

## As Journal Reviewer

Dr. Suja. A. Alex acted as Reviewer for
- Applied Soft Computing, Elsevier on 12-10-2023, 26-10-2023
- Systems and Soft Computing, Elsevier on 17-10-2023
- Expert Systems With Applications, Elsevier on 17-10-2023, 19-10-2023
- Future Generation Computer Systems, Elsevier on 26-10-2023
- Neural Computing and Applications, Springer on 17-10-2023, 26-10-2023
- BMC Medical Informatics and Decision Making, Springer on 22-10-2023
- Journal of Intelligent & Fuzzy Systems, IOS Press on 11-10-2023
- International Journal of Computational Biology and Drug Design, Inderscience on 22-10-2023
- International Journal of Knowledge Management Studies, Inderscience on 26-10-2023)
- International Journal of Information Systems and Management, Inderscience on 26-10-2023
- IEEE International Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIIHI-2023) on 20-10-2023

- **P. R. Sheebha Rani, R. Jemila Rose, S. R Sylaja Vallee Narayan, M C Sheeba, F.S. Fathima Nazreen and Ebil Metilda**, "Less water treatment: Fusion of drip irrigation and hydroponics method in agriculture", African Journal of Agricultural Research, Vol. 19(10), pp. 1006-1009, October, 2023. DOI: 10.5897/AJAR2023.16367.
- **Dr M.Marsaline Beno, Dr.G.Sahaya Stalin Jose, and Dr.S M Swamy**, published a paper titled "Enhancing Electric Vehicle Transportation Networks through Big Data Analysis and Improved FCM Algorithm" Journal of Road Transport , Vol.2,June to September 2023

## As a Resource Person

- **Dr. M. Marsaline Beno, Dean, Research** acted as a chief guest at Rohini College of Engineering for the Symposium Spectra 23  on19.10.2023 and delivered a talk on Role of Electrical Engineers for Sustainable Development.
- **Dr. M. Marsaline Beno, Dean, Research** delivered a key note address on  Green Technology and Engineering Technology for Agriculture at  Udaya School of Engineering on 10.10.2023
- **Dr. M. Marsaline Beno, Dean, Research** acted as a Resource person for a Seminar on Role of Computer Engineers for Sustainable Development at Amrita College of Engineering on 27.10.2023
- **Dr. M. Marsaline Beno, Dean, Research** delivered a talk on Role of Engineers for Sustainable Development in Kanyakumari District in the IEI - Kanyakumari Local Network Annual General Meeting held on 28/10/2023
- **Dr.Y Balto, Assistant Professor**, Department of Mechanical Engineering has delivered a guest lecture about introduction to industrial robots and it's applications in nuclear reactor at cape institute of technology for mechanical engineering students on 10.10.2023
- **Dr.Antony Foster Raj** acted as a judge for paper presentation contest during national level technical symposium at DMI engineering college on 26.10.2023.

### Paper Presented at  Conference:

- Dr. Suja. A. Alex Presented a paper titled "RBM-SMOTE based Deep learning Model for Imbalanced Medical Data Learning" on 24 Oct 2023 at BTSym2023 organized by "Universidade Estadual de Campinas", Campinas/SP, Brazil.

## EDITORS

Mrs. J. Jencewin, AP/CSE | Dr. Y.R. Annie Bessant, AP/ECE | Mrs. P. Ajitha, AP/CSE |Dr. J. P. Vidhya,AP/HSc | Dr. Y. Balto | Mr. L. Lucas, AP/HSc| Mrs.S.Viji Chitra AP/MBA | Mrs.T.M.Angelin Monisha Sharean,AP/IT|Mrs.S. Shiny/AP/EEE| Ms.C.M. Flora Dani,AP/CIVIL| Mrs. M.C.Sheeba/AP/AI&DS