



ST. XAVIER'S CAMPUSCONNECT

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Message from the Correspondent

My Dear Friends,

Hearty greetings to all of you.

This edition of the newsletter carries reports of a lot of celebrations: the inauguration of the 24th batch of UG students, St. Xavier's Feast, Christmas and New Year celebrations and so on. We are also happy to note the great

achievements of our students in results and in placement. We have just crossed yet another spell of Corona lockdown and the majority of our students are already sitting for online examinations. All these give us a positive and hopeful mindset about our future. Let us continue the good efforts and attainment of achievements.

One of the important aspects of student growth is developing a positive and pro-social personal value system. Persons who are internally directed by a set of positive values become conscientious professionals, caring neighbors and great contributors to the society. Such people can only transcend themselves and serve for greater ideals. Our institution, developed based on the ideals of Christ who gave up his life for the liberation of human beings, should be a beacon of good humanitarian values. I am sure our professors are aware of their duty to instill such humanitarian values in the minds and hearts of the students they teach and mentor.

As we continue our educational endeavor with utmost vigor and enthusiasm, let us also celebrate our achievements and find meaning in our commitment for our students and the society at large. Wish you all success and happiness.

My prayerful wishes to our students for great success in their semester exams too.

Rev. Fr. Dr. M. Maria William
Correspondent

Message from the Principal



It gives me pleasure to recall our achievements and activities during the period October 2021 to December 2021. This edition of our Newsletter gives an account of the activities performed by our students & Faculty members in the area of Teaching and learning, Co-curricular, Extracurricular and Research. Bagging 3.5 star rating by Ministry of

Education, Govt. of India for the activities of our Institute's Innovation Council, categorized under "Band- Promising" in ARIIA Ranking 2021. Pride on Campus Award for our IET on Campus, Best NSS unit award at Anna University level are some of our achievements. Our students bagged 11 University ranks including four gold models. Two of our NSS volunteers bagged the best NSS volunteer Award. Inauguration of I year UG, MBA, MCA classes, St. Xavier's Feast, Christmas Day celebrations, are some of the events happened in this period.

I appreciate the efforts put in by the editorial board to bring out this issue of this newsletter.

Dr. J. Maheswaran
Principal

24TH BATCH INAUGURATION

The inaugural ceremony of the 24th batch, BE/ B.Tech programmes of St. Xavier's Catholic College of Engineering was held on 26th November 2021. Rev. Fr. S. Jesu Retnam the Contact Person of the Diocese of Kuzhithurai and the President of the Governing council of St. Xavier's Catholic College of Engineering Presided over the ceremony. Mr.K.V.Lakshmi Narayanan, Senior Human Resource Manager and OD Leader, Infosys highlighted the programme with his very presence.



The ceremony began with a prayer song and a welcome dance. Rev Dr M Maria William, the Correspondent of the college welcomed the gathering. Dr J Maheswaran, the Principal of the college introduced the activities of the college. The dignitaries on the dais inaugurated the ceremony by lighting the lamp. Reading from the Holy scriptures were read followed by prayer and offering, by the first year students. First year students were asked to take oath lead by Dr T. M. Chenthil Jegan, the first year Coordinator. Rev. Fr. S.Jesu Retnam, gave an inaugural address highlighting the commitment of the students. Dr A Milton, the Coordinator of IQAC, introduced the chief Guest. Mr.K.V.Lakshmi Narayanan, the Chief Guest inspired the students with his chief guest address on 'Industry 4.0 requirements'.

Four MOUs from ICT Academy were exchanged. Mr V Poorna Prakash, Senior Manager in Academic initiative and state head, ICT Academy, Tamil Nadu addressed the gathering and motivated the first year students on the benefits of learning at St.Xavier's Catholic College of Engineering. Two senior students shared their experience at SXCCE. Rev.Fr. Francis Xavier, the Bursar, felicitated on the occasion. R S Shaji, the Dean of Research proposed the vote of thanks.

ST. XAVIER'S FEAST CELEBRATION

St.Xavier's Feast was celebrated on 02-12-2021. The theme of the program is "Engineering- a Mission". The function began with a Prayer by SXCCE choir. Dr.V.Vijimon Moni, Assistant Professor, Department of Humanities and science has delivered the Welcome address. Special speech on St.Xavier's prophesy and social service were presented by Mrs.A.C.Jinisha, Assistant Professor, Department of ECE and Mr.M.Ajin, Assistant Professor, Department of CSE.



Our Principal, Dr.J.Maheswaran felicitated the meet. SXCCE Choir presented a group song. Rev.M.Francis Xavier, Bursar, SXCCE gave the felicitation. Rev.Fr.Dr.M.Maria William, Correspondent, SXCCE, motivated the gathering with his special address. Mr.J.John Selvan, Skilled Assistant, Department of Civil Engineering extended the Vote of thanks.

XAVIERS FAMILY CHRISTMAS DAY CELEBRATION



CRIB OPENING CEREMONY

A beautiful and mesmerizing Crib was opened by our Correspondent at the college portico on 22-12-2022 with the theme of “Inainthu Seyalpaduvom”. Our college choir gave a wonderful presentation of carols.

CHRISTMAS DAY CELEBRATION

Christmas day was celebrated on 23rd December at 10.00 a.m in the Conference Hall. Dr. G. Antony Miraculas HOD, Department of Mechanical Engineering, delivered the welcome address. Dr.J. JerlinRegin ,HOD, Department of Civil Engineering and. Dr. S. Edwin Gladson, Associate Professor, Department of Physics Shared the Christmas message. Rev. Dr. M. Maria William, Correspondent and Rev.Fr.M. Francis Xavier, Bursar Shared the Christmas greetings. Dr.J.Maheswaran, the Principal, felicitate the gathering with his guiding words and Mrs. M. Sindhu, skilled assistant, Department of Physics delivered the vote of thanks.



ALUMNI MEET 2021



The annual winter meet of St. Xavier's Alumni Association was held on 26thDecember 2021 at St. Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil. The Alumnus started coming in by 9.00 am and they enjoyed the photo point, video session and signature boards arranged near the registration desk.

After the fun session, the General body of the SXAA started at 11.50 am . with the dignitaries Rev. Fr. Dr. M. Maria William, Patron, Dr. J. Maheswaran, Working President; Mr. R. Aspren, President and Dr. S. Frank Stephen, Secretary of the association on the stage and a prayer song was sung by the Alumni choir. The gathering maintained a minute of silence as a token of remembering the 5 alumni who lost their lives due to covid-19.

The event continued with a warm welcome by Mr. J. Jaim Shinto, President, MCA Department Alumni Chapter from the 2013 batch. Dr. S. Frank Stephen, Secretary, SXAA from 2011 batch of the Department of Civil Engineering presented the annual report. Presidential address and Treasurer's report was given by Mr. R. Aspren, President, SXAA. “Honouring the Decennial Alumni” ceremony handled by Mrs. S. Shiny, Secretary,EEE Department Alumni Chapter. Mrs. Sobini X. Pushpa, Secretary, CSE Department Alumni Chapter announced the Merit Scholarship winners . Rev. Fr. Dr. M. Maria William, Patron, SXAA addressed the gatherings with his motivational talk. Cash prizes and trophies were distributedfor the Logo contest and Badminton competition held during the year 2021. Dr. J. Maheswaran, Working President of SXAA conveyed his message for the alumni.

ACHIEVEMENTS

UNIVERSITY RANK HOLDERS 2020-21

GOLD MEDAL



DELBIN ROSE T.
1st Rank
M.E. Communication
Systems



SIVA DHARSHINI S L.
1st Rank
M.E. Medical Electronics



RASIKA S.
1st Rank
M.E. Communication
and Networking



Mr. F. ADRITOWIN
1st Rank
M.E Energy
Engineering



ANIMOL K
2nd rank
ME Structural Engineering



ASHLIN A P
3rd rank
ME Construction
Engineering and
Management



MARIYA VANITHA
RASHMI R
5th rank
ME Construction
Engineering and



ATHIRA B
8th rank
ME Structural Engineering



SRIBAVITHRA S
19th rank
ME Structural Engineering



JENI SHERLIN J
18th rank
ME Structural Engineering



CHRISTY MARIYA HELEN S
25th rank
BE Civil Engineering

- ❖ B.Biju & S S.Shali of Electronics and communication Engineering has Won the **First prize** in the Poster Challenge conducted on 26th November 2021 organized IET – IDEA SUMMIT (ISIS 2021).
- ❖ Branesh K T & Selva Roderick of Electrical and Electronics Engineering has Won the **Second prize** in the Video Challenge conducted on 26th November 2021 organized by IET – IDEA SUMMIT (ISIS 2021).
- ❖ Harris F & Kevin of Information Technology has Won the **Second prize** in the Idea Challenge conducted on 26th November 2021 organized by IET – IDEA SUMMIT (ISIS 2021).
- ❖ Hariharan & Selva Roderick of Electrical and Electronics Engineering has Won the **Third prize** in the Poster Challenge conducted on 26th November 2021 organized by IET – IDEA SUMMIT (ISIS 2021).
- ❖ Abijith Samuel Mark, CSE, AgnaPaulin, CSE, HerinSamraKebin Raja, CSE, Jeyson, CSE, Vincent Raja, CSE, Vivek Ram, CSE, David Livingston, ECE, IrfanaFathima, ECE & SahayaAksharaJecky, EEE got job offer at **WIPRO** in the virtual campus placement drive conducted on 1st October 2021
- ❖ Vincent Raja, CSE & Lekshmi Nair, ECE got job offer at **Hexaware Technologies** in the Virtual campus placement drive conducted on 4th October 2021.
- ❖ ChellaVignesh.K.P, CSE, Abinesh. R., CSE & Jakcin Manoj. J, ECE got job offer at **Mafiree Limited** in the on-campus placement drive conducted on 8th December 2021

IET ON CAMPUS AWARD

SXCCE has been awarded with **3.5 star rating** in Institutions Innovation Council (IIC) Performance Rating for the academic year 2020-2021 for promoting innovation and startup in the campus by Ministry of Education-Innovation Cell.

SXCCE IET ON Campus has received the Pride IET ON Campus Award during IET KKLN150th year Celebration and AGM on 18/12/2021.



NSS AWARD



SXCCE NSS Team received the **Best NSS unit and the Best NSS volunteers** Award at University Level NSS award function held at Anna University, Chennai on 29.12.2021. Anna University NSS Programme Coordinator Dr. R. Ramesh, NSS Chennai Regional Coordinator Dr. Samuel ChellaDurai, NSS Guwahati Regional Coordinator Dr. Deepak, Tamil Nadu NSS Coordinator Dr. Senthil Kumar, Guindy Anna University Dean Dr. Suganti, Anna University NSS Tirunelveli Coordinator Dr. G. Jayanthi and Anna University Associate Registrar Dr. Murthy Babu graced the occasion by presenting certificates and shields in appreciation of the awardees. NSS Coordinator Dr. S.M.R. Joseph Ramesh received the award for the Best NSS unit. NSS volunteers M.Shelif and C.N. Sorna Meena received the Best NSS Volunteers award. The award function came to an end with the National anthem

- ❖ SahayaAksharaJecky, EEE, Selva Roderick, EEE, ArunChrisstan, MECH, Archana, CSE, JassicaSonatta, CSE, BencyGnanaSathya, CSE, Haritha, CSe, Rexana, CSE, Abijith Samuel Mark. CSE, Vincent Raja, CSE, RAGavi, CSE, Anoob, ECE, David Livingston, ECE, Lekshmi Nair, ECE, Beninson, ECE, Sanjana, IT got job offer at **TCS** in the virtual campus placement drive conducted on 5th October 2021
- ❖ Munira. H, CSE, LivinRinoshiya.L., CSE & Amrish Ram. S., ECE got job offer at **Chain Sys** in the pooled campus placement drive conducted on 16th December 2021
- ❖ David Livingston, ECE & IrfanaFathima, ECE got job offer at **Soft Square** in the on-campus placement drive conducted on 28th October 2021
- ❖ Wilton Girish. W., CSE, MurshithAhamed, CSE, Jaspin Sudha. L., CSE, BencyGnanaSathya, CSE, Tharunya. P., CSE, ShahinaRyhanna. S., CSE, Showmiya.N.J., CSE, JenishaJoans, CSE, Aksha. K., CSE, RijilWeslin. R., CSE, HerinSamraKebin Raja, CSE, Vivek Ram. V., CSE, AniBenisha.S., CSE, Gayathri.G.P., CSE, HameemFadil.M., CSE, Beninson. D, ECE, RubyBeaula. M., ECE, Fareeha. Y., ECE, Kishore.G, ECE, BerlinNayagam, ECE, MohamedShafwan.S, ECE, Dasmuni.D, ECE, Nivetha. S.R., ECE, ShakthiVanujaValli. V., ECE, JamesArockiaRaj.G., ECE, EatnestAbraham.Y., ECE, SelvaRoderick, EEE, Dave Andrew, EEE, Jenolwyn.E.M., EEE, GayathriSadhana, IT, JibinRaj, IT, Gerlyn.M, IT, Vijaya Lakshmi. N, IT, Akhilaa. M., IT & GeethanjaliJeyasree, IT got job offer at **ATOS** in the virtual on campus placement drive conducted on 3rd December 2021
- ❖ RshanAnto Singh, EEE, Abinesh, EEE, MuhammedAlthaf, EEE, Hisham, EEE, Rasheem Andrew, EEE, Anu, EEE, Bbin Kumar, EEE, Branesh, EEE, MuthuLekshmi, EEE, Rich Brindha, EEE, Francy Rani, EEE, ReshmaPriya, EEE, BencyTheras, EEE, Nafisa, EEE, JinuMol, EEE, Divya, EEE, Abishek, MECH, Akash, MECH, AslinGiji, MECH, Ahilson, MECH, Akash, MECH, Jebin, MECH, AshbelFevier, MECH, AgnesPrem, MECH, Binu Singh, MECH, GokulAkash, MECH, Ashinth, MECH, AshikSaron, MECH, Jony Prince, MECH, JasburAswin, MECH, Akash, MEH, AlwinDhurai, MECH, Vebser, MECH, Siva, MECH, Anop, MECH, Dony Blair, MECH, Melbin, MECH, Jane Owarns, MECH, Nazeem, MECH, Vinitus, MECH, Jondlin, MECH, Jerin, MECH, SiddharthSudhakar, MECH, Ajai Mathew, MECH, Derish, MECH, MourinDarvin, MECH, Murugesh, MECH, Jish Joy, MECH, Siva Prasad, MECH, Paul Joshua, MECH, Vishal Michael, MECH, Simji, MECH, Anantha, MECH, Abijith, MECH got job offer at **JBM Auto Limited** in the ON CAMPUS placement drive conducted on 7th December 2021.

STUDENT INDUCTION PROGRAM

The department of H&Sc has conducted a three week Student Induction Programme (SIP) for the management students from 27-09-2021 to 13-10-2021 through online mode. The program started with an inauguration on 27-09-2021 followed by special talks by our Correspondent and the Principal. Mr.M. Prabhakaran, Director, Innate Talent Pvt Ltd Chennai also gave a motivational speech on personality development on the first day. 33 sessions were conducted for the students.



The department of H&Sc has conducted a two week Human Values Based Student Induction Programme for all the first year students from 8-11-2021 to 19-11-2021. Nearly 468 students participated in the program. The program started with an Institution Orientation by Co-ordinators of concerned classes. Within these allotted days 54 sessions were conducted for the students. Campus visit was arranged to get an idea about the college campus.

In addition to the classes we have also conducted sessions on Human values and Leadership by Fr. Southern Star and Fr.VijayanRajanBabu, Director of counseling Ministry, Diocese of Kottar respectively. Personality development sessions were conducted by Fr.J.AntoHalwin, Parish Priest, PadarNilam. Virtues of life session were conducted by Dr.V.ChristusJeyasingh, Dean, Students Affairs. Sports were also included in this program as a physical activity. Way to Success program was organized by St.Xavier'sAlumini Association to improve the soft skill development of the students. Youth Awareness Program was conducted by Sr.Efamia Lucy Joice and team, Psycho Spiritualcounsellor.

Health care and hygienic session was conducted by our college nurseMs. S.Nesa Hilda. First Aid, Mental and Emotional Wellbeing sessions were conducted by Prof.Rajeshwari, Prof.IdaDivyaSherly, Dr.T.ArulValan and Prof.Beula of Dr.Kumaraswamy Health centre and college of Nursing, Kanyakumari.

MBA INAUGURATION

The Inauguration of I year MBA students was held at the conference hall on 17th November 2021. The students were accompanied along with their parents. They are welcomed by their seniors with good gesture along with rose and chocolates.



MCA INAUGURATION

The Inauguration of I year MCA was held on 17.12.2021. The function started with a prayer song and the welcome address was given by Mrs. M. Jasmin Annie Genefer, I MCA coordinator. Dr. R. Reena Rose, Head of the Department expounded the salient features of the department.

The function was presided over by the Correspondent, Rev. Fr. Dr. M. Maria William. A special address was given by our Principal Dr. J. Maheswaran. In the end, Dr. M. M. Janeela Theresa, Associate professor, presented the vote of thanks.

INDUSTRIAL VISIT



The Second Year B.Tech students Visited the District Science Centre, Tirunelveli on 09th December, 2021. The students started their journey from the college at 09:00 AM. They reached there around 11:00 AM, there they visited various models and simulations of science and technology. The students got familiarize about the various science and technology matters. The Electronics section attracts the students much as it is related to their current subject Analog and Digital Communication

The students of final year IT grabbed the opportunity to visit EDII Marine Products Incubation Center, Tuticorin on 15-12-2021. A group of 21 students with 3 staff members visited the Incubation Center. The main objective behind the visit was to make students aware about entrepreneur. Students were able to know about the process of Incubation at EDII-MPIC, incubates and various resources used for manufacturing fish products. Students gained knowledge about how Artificial Intelligent Techniques are useful for fishing community.

Department of Management studies of St. Xavier's Catholic College of Engineering have organized an Industrial Visit to EDII Marine Products Incubation Forum - Fisheries College and Research Institute, Tuticorin on 21/12/2021. The students were welcomed by a refreshment. Dr.P.Ganesan, Assistant Professor and Head, DFPT, FCRI, Tuticorin welcomed the gathering. Followed by that he explained about the value added products and the growing opportunities in Fisheries and also the Avenues of Entrepreneurship in Marine Products. Ms.Ruthra,CEO,EDII-MPBIF,FCRI took the students to visit the various machine that were used in the operations field.

Dr.R.Santhakumar, Professor and Head DFEE & S,FCRI, Tuticorin gave a felicitation on the traits of Entrepreneurship and the Marketing perspective in Fisheries. Dr.Sujath Kumar, Dean of FCRI,Tuticorin gave an overview about the Fisheries College and Research Institute.



A Seminar on “**Informatica –An Overview**” was organized for the final year IT students on 3rd of November 2021 with Er. ArunMozhi (Alumnus), Consultant, Deloitte Invations and Platforms Hub as resource person.



IET – IDEA SUMMIT (ISIS 2021)



On 26th November IET conducted a National Level Idea summit competition. The registration process started by 9 a.m. The inauguration function started with a prayer song. The IET Secretary Ms.AshmiAafirin addressed the gathering with her welcome address. Special Address was given by the IIC on campus Coordinator Dr.J.Judson , Chief Guest Address was given by Mr.R.BrightReginold Raja ,HR manager B2C Technologies and Er.R.L. GeoferJaish, Test specialist emobilitysiemens, Bangalore. The Faculty Advisor, Prof.Mr. A. George Ansfer delivered the Vote of thanks.

In the Valedictory session, the chairman of Iotpanel,IET on campus Mr.Gokul greeted the gathering. The Principal Dr.J.Maheshwaran address the gathering with his motivational talk. Er.R.L. GeoferJaish , Test specialist emobilitysiemens, Bangalore. Ms.Reenu Susan kurian ,IET member , SXCCE express gratitude to the gathering.

WEBINARS/SEMINARS



Mr. Raja, Trainer from ECC Academy has given the presentation on career options to the final year and third year Mechanical Engineering students on 04.10.2021.



Mr. Mario Pradeep Joy, Professor, Presidency University, Bangalore has delivered a lecture on Cutting Career Edge programme to the final year and third year Mechanical Engineering students on 04.10.2021.

ELECTROS, the Association of Electronics and Communication Engineering Department organized a Seminar on "Project Guidance". It was conducted on 05-10-2021 for the Final year ECE students. The objective of this seminar is to know about the project work. The Resource person was Er.R.Abhishek, our Alumnus ,CEO Founder, Chek In Tek Hardware Academy, Attoor.



- ✚ Er. M. Vinish, CAD Engineer, CAD Desk has presented a technical talk on Solid Work Advance to the final year and third year Mechanical Engineering students on 05.10.2021.
- ✚ A Training Programme on "One Unit Awareness thro' 9 mantras" was organized by Energy saving club On 05th October 2021. Mr. M. AbragamSiyon Sing, Assistant Professor / Department of EEE explained about the 9 mantras to save energy . Mr. V. Jesus Bobin, Assistant Professor / Department of EEE explained the Energy99 challenge and the way to accomplish the challenge and get certified.
- ✚ The Webinar on "Strategies for Energy Management in Buildings" was organized in a Online mode through Google meet on 09th October 2021. Mr. Gokul, student vice-chairman of Ensav club welcomed the gathering. The office bearers of EnSAv Club Mr. Allen Mathew and Ms. Athulya introduced the resource persons Mr. HariharaIyer and Dr. R K Ramana, Empanelled Faculty from Petroleum Conservation Research Association (PCRA). Dr. R K Ramana, explained about the Objectives and activities of PCRA, energy issues in India. Mr. HariharaIyer explained the energy saving tips in gadgets used in buildings.

- ✚ A webinar on “Entrepreneurship, Growth and Future” was conducted online on 09-10-2021, as a part of association activities SEE’21. Ms. Angelin Indira Jeevamony, Founder and CEO, Ed-Zoe was the resource person. The main theme of this webinar is to bring a very positive effect on student's mind about entrepreneurship.
- ✚ A Guest Lecture program was organized by Xavier’s Management students’ association (XMA), Department of Management studies, on 11th October 2021 on the topic Career Development & Internship for Credit, for the II year MBA students. The event started with an address by Prof. J. Jerlin Rajan who extended his warm welcome to the participants and Resource Person Mr. Ashwin Ramnath, Managing Director of Vajra Man Power Consultancy, Nagercoil. He explained on service and product based companies on the importance of internship he also motivated the students to join and begin their career in LinkedIn platform.
- ✚ Er. M. Vignesh, Assistant Manager, CADD Centre, Nagercoil, has conducted a work shop on E- Vehicle design to the final year and third year mechanical engineering students on 12.10.2021
- ✚ A webinar on “HOW TO THINK PROJECT IDEA LIKE A STARTUP” was organised by ACE on 13th October 2021. The Session was handled by Mr. Arun Rajeev Sankaran (FinOS Technologies, CEO). The Speaker gave us the at most knowledge and a very detailed explanation about startup.
- ✚ A webinar on “Beginning with UI/UX design” was organised by CSI on 17th of October 2021 for CSI students. The Session was handled by the Resource Person Mr. Jijin Jose, UX Analyst at Kutung Design Labs, Chennai. He focused on to empower members to create UI/UX designs that is to produce user friendly interfaces.
- ✚ A Seminar on “UIUX-User Interface and User Experience”, was organized for II year IT students on 07/12/2021 with Ms. V Amarthiya Jeffy of Final Year IT as the resource person.
- ✚ Women cell organized a seminar on “Empowering Women with Health and Wealth” for the girl students on 14/12/2021 to make the students aware of cancer, COVID 19, other diseases, their cause and treatments. The resource person was Dr. Mohammed Nowfal Maheen, Founder Life Care.



A Guest Lecture program was organized by Xavier’s Management students’ association (XMA), Department of Management studies, in association with Entrepreneurship development cell, SXCCE on 12th October 2021 on the topic “**One Million Ideas Awareness Programme**” for the II year MBA students. Mr. N. Shivashangar, Deputy Director (PMO) Entrepreneurship Development and Innovation Institute (EDII) Tamil Nadu, was the resource person. He delivered a talk on the steps involved in creating business model for startups. He motivated the young buds to become entrepreneurs with their innovative and creative ideas.

A Workshop on PCB Design was conducted in physical mode in Simulation lab & Project lab/ EEE, as a part of association activities SEE’21 on 21-10-2021. Dr. V. Suresh, Professor/ECE, Mar Ephraem College of Engineering and Technology. & Dr. S. V. Kayalvizhi, AP/ EEE, St. Xavier’s Catholic College of Engineering were the resource persons. Final year UG students of EEE attended the program. The main theme of this workshop is to instruct the students about Printed Circuit Board (PCB) design which brings the electronic circuits to life in the physical form.



The SXCCE ACM student chapter-124771 organized a hands-on training on 22nd October 2021 titled “Cyber Security”. Mr. M. Sathesh Kumar, Assistant. Professor, ECE Department, National Engineering College, Kovilpatti was the resource person for the day.



The Association of Computer Engineers, SXCCE, organised a webinar on the theme “Introduction to Data Science” on 23rd October 2021 with the objective of making the students aware about Data Science and the future of it in the computer field. The resource person for the webinar was Dr. S. Vinila Jinny, M.E., Ph.D., Associate Professor, Computer Science and Engineering Department, Noorul Islam Centre for Higher Education.

A Webinar on “Introduction and Scope of Block Chain”, was organized for the final year IT students on 12/11/2021. Er. V Vimal (Alumnus), Freelancer was the resource person.



ELECTROS, the Association of Electronics and Communication Engineering Department organized a motivation program titled “Design Thinking” on 26-10-2021 for the Final year ECE students. The objective of this program is to provide the direction for the students to reach their goals no matter how big or small they are, the way to measure their progress and the best way to plan for future. The Resource person was Er.N.Rahul, Innovation Ambassador of IIC of Ministry of Education’s Innovation cell.

A Guest Lecture program was organized by Xavier’s Management students’ association (XMA), Department of Management studies for the II Year MBA students on 17/11/2021. Advocate Ms. KirubinSheeba, B.E., L.L.B., was the resource person. She was an alumnus of St.Xavier’s Catholic College. Inspired by the Legal Legislation subject, she took it as a challenge and now she is an advocate. She started the lecture with a brief intro to Indian laws. She spoke about the importance of labour laws. These laws play a significant role in the employee’s work life. The benefits got from such laws are explained. She explained a lot about “Workmen Compensation Act”. She also gave a brief intro on two real life case studies and the role of Government in giving a fair judgement. The session was quite interactive and it got ended with a vote of thanks and it was proposed by Ramya of II Year MBA.



ELECTROS, the Association of Electronics and Communication Engineering Department organized a Seminar on “Machine Learning” on 04-12-2021 for the Final year ECE students. The objective of this seminar is to know about the basics and importance of Machine Learning. The Resource person was Ms.Kayathri, Technical Trainer, Machine learning expert, Network Systems, Nagercoil. She explained the basics and applications of machine learning and motivated the students to do their project in this domain.

- ✚ A Webinar on “Things I Wish I knew before” was organised by CSI on 23rd of October 2021 for CSI students. The Session was handled by the Resource Person Mrs. K.PriyaDarshini, Salesforce Administrator cum Developer, Thiruvananthapuram Taluk, Kerala,. She gave idea on “Things You Should do to Prepare, Before Starting A New Job Plan”.
- ✚ An orientation programme on “ Outcome Based Projects (OBP) ”, was organized on 26/10/2021 by our college. Dr. J JerlinRegin, HoD, Department of Civil Engineering, Dr. J Annrose, HoD, Department of IT, Dr. C Helen Sulochana, Professor, Department of ECE and Dr. M JerminNisha, Associate Professor, Department of EEE were the resource persons.
- ✚ A seminar on “Redhat and Opensource to kick start your Career” was organized for the third and final year IT students by the BRIGITZ – Association of Information of Technology on 27-10-2021. The resource person was Er. Gomathy Subramanian, Managing Director, Cubensquare. He is our alumnus of 2006 passed-out from the department of Information Technology.



An informative seminar on Rain water harvesting, Town planning and quality control was organized by FACEAT & P students chapter, Department of civil Engineering accompanied with Civil Engineering Association of Kanyakumari District on 24/11/2021. The participants are second, third, Final year and PG students who are entering into their role of job shortly and very useful for their projects. The seminar was very mandatory for students for their practical and technical knowledge about Rain water harvesting, Town planning, and Quality Control.

The event began with a welcome speech given by Dr. J. Jerlin Regin M.E., PhD, HOD/CE. Er. K. Basheer Ahmedh, M.E students chapter Chairman FACEAT & P felicitate the gathering. Also the programmer was further felicitated by Er. F. Lawrence B.Tech (Civil), President Civil Engineering Association of Kanyakumari District. Followed by Er. Marimuthu B.E., MSc (rev) region 10 Chairman FACEAT & P. The Seminar on Rain Water Harvesting was taken by Er J. George Joseph B.E, MSc(IT) which was really interesting and more helpful and useful. His seminar gained us with more knowledge about rain water collection, Rain water harvesting method, models and its importance. Then the seminar on the topic Town Planning was given by Er. K. Ganesh Kumar M.E (Structures) MSc (Rev), AIV, DFN. His presentation was really more practical oriented and understand the basic concept of town planning. The third seminar on the topic of Quality Assurance & Quality Control was given by Er. K. Esakkiappan, B.E, MSc (Valu), AMIE. M.I.S.T.E., F.A.C.C.E. which was really interesting and more helpful and useful for students projects and construction process.



Institution Innovation Council (IIC) of SXCCE conducted an orientation session on Innovation and startup on 9-12-2021. Mr. P. S. Sailesh, District Development Manager, NABARD presided over the function and gave a talk on NABARD and its importance in Rural Development. Er. V. N. Shiju Managing Director, Ethamozhy Coir Cluster Pvt. Ltd. Enriched the students about the importance of Entrepreneurship and gave awareness about the steps involved in becoming a successful Entrepreneur.



A career guidance program on "How to approach competitive examination And employment opportunities", was organized for final year IT students on 10th december 2021 with Mr. K. Ezhilan, Computer Teacher, St. Aloysious Girls Higher Secondary School, Tuticorin and Ms. K. Rajika, Junior Employment Officer, District Employment Office, Nagercoil as resource persons.

- ✚ Society of Electrical Engineers (SEE) organized a one day workshop on eSim for the students of II year EEE department on 20 /11/2021. Prof. Dr. Jain B Marshel, AP/EEE, Mr. V. Jesus Bobin AP/EEE, Mr. J. Leon Bosco Raj AP/EEE, Ms. P. Suji Garland AP/EEE, Ms. W. Vinil Dani AP/EEE handled the sessions. In the forenoon session, the objectives and the fundamentals of eSim software along with process of applying internship to IIT Bombay for various student projects in eSim were explained. In the afternoon session, the circuit simulation process using eSim was explained along with hands on exercises. Students were asked to select a circuit of their own interest and design using eSim.

- ✚ A workshop on Introduction to project development was held on 6th December 2021 which was organised by the Association of Computer Engineers (ACE). The resource person for the program was Mr. Vincent Raja who is the Secretary of ACE, final year CSE department of the college. He explained the basics of project development in Java and taught the students on how to create a frame, link different frames, change the layout, Data Base Connectivity and SQL etc.

- ✚ A workshop on IoT Networking was held on 7th December 2021 at St. Xavier's Catholic College of Engineering, Innovative Computing Lab which was organised by the Association of Computer Engineers (ACE). The resource person for the program was Mr. Anslin Raj, Infrastructure Engineer, Seedorsoft Pvt. Ltd.

CODING CONTEST

A “Coding Contest” was conducted on 20th November 2021 .It was organized by the Association of Computer Engineers (ACE). Different questions were given to each year students based on their level of expertise. The participants were given the option to choose any programming language and IDE of their choice. The questions were designed in such a way to challenge the students, thereby pushing them to promote their problem solving and analytical thinking skills.

ELECTROS, the Association of Electronics and Communication Engineering Department organized a one-day workshop on” Machine Learning using Python”. It was conducted on 13-12-2021 for Final year ECE students. The objective of this seminar is to know about machine learning algorithms, their applications and to gain practical knowledge. The Resource person was Ms.Kayathri, Technical Trainer, Machine learning expert, Network Systems, Nagercoil. She was assisted by M.S. Ajeesh, Technical Trainer, Network Systems.



Hands on Training on “Statistical Packages for Social Sciences (SPSS)” Program was conducted on 17th and 18th of December 2021. The Program was handled by Mr.S.Victor ,Asst.Professor and Head Department of Management studies, Regional Campus, Anna University, Tirunelveli Region. He conducted a training of statistical Analysis and interpretation with the help of SPSS Package.

WEBINARS

- ✚ A seminar on Redhat&Devops to shape your career presented by the Association of Computer Engineers of SXCCE was conducted on Oct 27, 2021. The objective of the session was to enlighten the participants about Red Hat and Devops and the opportunities they provide in the IT Industry. The Resource person was Mr.GomathiSundaram (Goms) - Managing Director of Cuben Square Technology Solutions, a Chennai based Indian Startup Company that provides IT services including Technology training, consulting and operational services.
- ✚ A webinar on “BIM for an Electrical Engineer” was conducted online as a part of association activities SEE’21 on 06-11-2021. Mr. Mohammed Sherfuddin / Chairman, Ms.Tintu Joy/ Design Engineer, Ms. Siddiqa / HR, Unique groups were the resource persons. The main theme of this webinar is to bring awareness about Building Information Modeling (BIM) which is a digital representation of physical and functional characteristics of a facility. The webinar also focussed on sophisticated tools for electrical trade design and estimation.
- ✚ A Training on “Angular” was organised by CSI on 6th of November 2021 for CSI students. The Session was handled by the Resource Persons Mr.Sobin J M,CEO of Rex-Coders and Mr. Bejan Festus, Junior Web Developer, They gave idea on to empower members to create web applications that depend on the model-view -controller Architecture and provides a robust framework.
- ✚ A seminar on “QoS Security and Potential of Qualcomm Computers” was held on 10th of November 2021. The resource person for the seminar was Mr. F R Jeevan, who is a Senior Lead Engineer in Qualcomm. A well-researched presentation on IC chip manufacturing process, ASIC Flow and the internal architecture of IC was given.
- ✚ A Workshop on “Getting started with Arduino” was conducted in EEE department as a part of association activities SEE’ 21 on 20.11.2021. Er.Benny Jackson, IT Administrator, ASIR Technologies was the resource person.Third year EEE students attended the workshop. The main theme of this workshop is to provide an opportunity for participants to enrich their knowledge and skill in Aurdino, thereby developing various solutions for engineering problems in the society. The necessary tasks such as developing program in a computing language to perform a specific task, embedding the program in Aurdino controller and controlling a specific hardware setup using Aurdino controller was explained.
- ✚ A Career guidance program was held on 20th November 2021 which was organized by the Association of Computer Engineers (ACE). The resource persons for the program were Mr. M. Ayyappan who is working as a Full stack Developer in Zoho Corporation Pvt. Ltd and Mr. Anish .M. Ragavendra who is working as a Software Developer in Cape Start. They explained the nature of their jobs first and then provided the necessary career advice and guidelines on how to choose our carrier.
- ✚ A workshop on “ UI Design” was organized for III and IV year IT students on 24th of November 2021 with Er. P Anto (Alumnus), Associate Consultant, Atos Syntel as the resource person.
- ✚ A seminar on “GUI programming using Java” was organized for the Second Year IT students on 13th december 2021 with Er. M Janeela Vincent (Alumnus), Teaching Fellow, MIT Campus, Anna University, Chennai as the resource person.
- ✚ A workshop on “Introduction to AWS- Machine Learning” was organised for the final year IT students with Dr. J Annrose acting as the resource person on 6th of December 2021.

PLACEMENT ACTIVITIES



- ❖ Hexaware – Virtual On campus placement drive was conducted for all B.E/B. Tech & MCA students on 04/10/2021.
- ❖ Tech Mahindra – Virtual On campus placement drive was conducted for all B.E/B. Tech & MCA students from 19th Oct 2021 to 21st Oct 2021.
- ❖ Eleation – Virtual On Campus placement drive was organized for Final Year B.E – Mech & Civil departments on 29th October 2021.
- ❖ Softsquare- On Campus placement drive was conducted for Final year B.E/B.Tech – CSE,IT,EEE,ECE& MCA students on 28th October 2021.
- ❖ Algomax – online assessment was conducted for Final year B.E/B.Tech – CSE &IT, MCA students on 10th November 2021.
- ❖ Atos Syntel – Virtual on campus placement drive was conducted for Final year B.E/B.Tech – CSE & IT, MCA students on 8th November 2021.
- ❖ Atos – virtual On Campus placement drive was organized for Final Year B.E/B.Tech- CSE, IT, EEE, ECE & MCA students on 2nd and 3rd December 2021.
- ❖ JBM Auto Limited- On Campus placement drive was conducted for Final year B.E – Mech &EEE students on 7th December 2021.
- ❖ Mafiree Limited- On Campus placement drive was conducted for Final year B.E/B.Tech- CSE, IT, EEE, ECE & MCA, MBA students on 8th December 2021.
- ❖ Aspire Systems – Virtual On Campus placement drive was conducted for Final year B.E/B.Tech- CSE, IT, EEE, ECE & MCA students on 9th December 2021.
- ❖ HCL Technologies – Virtual On Campus placement drive was conducted for Final year B.E/B.Tech- CSE, IT, EEE, ECE & MCA, M.E students on 10th December 2021.
- ❖ Neeyamo – virtual On Campus placement drive was organized for Final Year B.E – Mech & Civil Departments on 14th December 2021.
- ❖ CSS Corp – Virtual On Campus placement drive was conducted for B.E/B.Tech- CSE, IT, EEE, ECE & MCA students on 14th December 2021.
- ❖ Chain Sys – Pooled Campus placement drive was conducted for for B.E/B.Tech- CSE, IT, EEE, ECE & MCA students on 16th December 2021.
- ❖ Capgemini – Virtual off Campus placement drive was conducted for Final year B.E/B.Tech& MCA students on 19th December 2021.

TRAININGS

- ❖ Placement training on Technical Skills, Verbal Ability & Interview skills was organized for shortlisted Final year B.E/B.Tech & MCA, M.E students in TCS, H&R Block, CSS corp, Hexaware, Wipro companies on 11th to 15th October 2021 by Innate Talent Training Solutions, Chennai.
- ❖ Online session on “How to write an effective resume” was organized for all the II & III year B.E/B.Tech students on 30.10.2021 by Mr.M.Anto Xavier Roche, Training & Placement officer, SXCCE.
- ❖ Online placement training in Simple & Compound interests, profit & loss, average, propositional reasoning, analytical reasoning was conducted for all Final year B.E/B.Tech students on 23rd & 30th October 2021 by FACE, Coimbatore.

NSS & NCC ACTIVITIES



NSS DAY AND GANDHI JAYANTHI CELEBRATION

NSS day and Gandhi Jayanthi celebrations were celebrated on October 2nd. The Correspondent presided over the function. The Principal, Dr.J.Maheswaran felicitate the occasion. Dr. Vijimon Moni, the Chief guest motivated the students on National Service Schemes. Cultural Programmes were performed by the NSS volunteers.

NCC with its motto of “Unity and Discipline” has been providing an ideal platform for the cadets to develop the qualities of leadership, comradeship, confidence and spirit of sportsmanship. NCC parade for the II and III years were conducted on 8-10-2021. Enrollment of cadets for the year 2021-2022 was done by Subedar Rajesh and Hav. Pradeep from 11(TN) BN NCC Nagercoil on 18-10-2021. Thirty cadets (25 SD & 5 SW) were newly enrolled in our NCC Company during this academic year. Cadets were selected after conducting physical test.



Vaccination camp was conducted on October 10th on several areas in Kanyakumari District. We have participated in the vaccination camp canvassing along with NCC and YRC units.

The college arranged Covid'19 vaccination camp and it was held on 18/12/2021. The camp was organized by NSS, NCC and YRC along with the district administration.



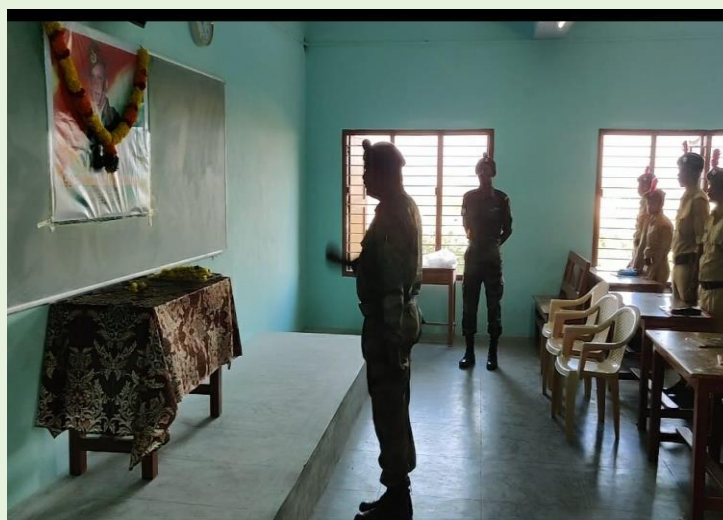
Vigilance Awareness week – 2021 was observed at St.Xavier's Catholic College of Engineering, Chunkankadai from 26 Oct 2021 to 01 Nov 2021. The theme of the year given by Central Vigilance Commission is 'Independent India @ 75: Self Reliance with Integrity'. On behalf of the college Integrity pledge was administered by the Principal Dr. J. Maheswaran on 26-10-2021 and committed to uphold highest standards of integrity and good governance and to follow ethical practices in conducting its activities.

In connection with Vigilance awareness week a program was conducted on 30-10-2021. ANO Maj. S. Edwin Gladson explained the importance avoiding corruption in all activities to the cadets. CSUO Ricky.L read out the pledge of integrity. Cadets took Integrity Pledge and committed to uphold highest standards of honesty and integrity and to follow probity and rule of law in all walks of life. About 56 cadets from our college participated in the program.



Tribute to CDS Gen Bipin Rawat on 11-12-2021 by 79 NCC cadets. Hav Kumar Hav Ayyathurai from 11(TN) Battalion, Nagercoil and ANO of our college were presented the program.

On October 30th the plastic wastes were cleaned by the NSS volunteers in Thuckalay Thaluk office and Thuckalay government school on behalf of Deputy Thaluk officer, Thuckalay.



IQAC ACTIVITIES

The IQAC meeting was held on 04-12-2021 in the Board Room from 10:00 a.m. to 2:00 p.m. 20 members were presented in the meeting. The Principal welcomed the members. Coordinator of IQAC presented the minutes of the meeting held on 28-08-2021. Dean Academics presented the academic activities. Dean, Research presented the Research activities. Dean of Students Affairs presented a report on nonacademic student activities. Department IQAC members explained the strategies for achieving the Benchmarks and the current status of the achievements. Finally Correspondent thanked the external and internal members and the meeting came to an end at 2:00 p.m.



PATENTS

1. Dr. Y.R. Annie Bessant, Assistant Professor, Department of Electronics & Communication Engineering, Publication Date 01/10/2021, Application Number: 202141042343, "Advanced Image Processing Techniques for Early Detection of Eye Disease".
2. Dr. G Sahaya Stalin Jose, Assistant Professor, Department of Information Technology, Date of filing of Application :19/11/2021 (43) Publication Date : 10/12/2021, "Vehicle scheduling method based on fuzzy transportation decision".

JOURNAL ARTICLE PUBLISHED

1. Josephine Usha Lawrance and Jesu Vedha Nayahi Jesudhasan, "Privacy Preserving Parallel Clustering Based Anonymization for Big Data Using MapReduce Framework", Taylor & Francis Inc, United States, <https://doi.org/10.1080/08839514.2021.1987709>
2. T M Angelin Monisha Sharean, "A Survey on Hybrid Methods for Predictive Model Algorithms of Machine Learning On Load Forecasting", International Journal of Scientific Research in Science, Engineering and Technology, <https://doi.org/10.32628/IJSRSET>
3. T M Angelin Monisha Sharean, S Sanjana, "A Survey on ML Models of Wind Energy Forecasting" (2021), CiiT International Journal of Data Mining and Knowledge Engineering, Vol 13, No. 6, 2021.
4. Starwin M, Judson, D, Selvaraj K., "Error rate analysis of Uplink MC-CDMA Systems using Complementary Codes in Rayleigh Fading Channels", (2021), Springer-Wireless Personal Communication. doi: 10.1007/s11277-021-09119-2.
5. Carolin S, M, Marsaline Beno A Grey Wolf Optimized 15-Level Inverter Design with Confined Switching Components (2021), Intelligent Automation and Soft Computing Vol 31, No. 3, pp.1753-1769. doi:10.32604/iasc.2022.020440.
6. Martin Thangaraj Gerald Arul Selvan, Joseph Selvi Binoj, Jacob Thambi Evans Jebeen Moses, Nara Prem Sai, 2021, 'Extraction and characterization of natural cellulosic fiber from fragrant screw pine prop roots as potential reinforcement for polymer composites', Polymer composites, doi: 10.1002/pc.26376.
7. J.B. Sajin, R. Christu Paul, J.S. Binoj, B. Brailson Mansingh, M. Gerald Arul Selvan, 2021, 'Impact of fiber length on mechanical, morphological and thermal analysis of chemical treated jute fiber polymer composites for sustainable applications, Current Research in Green and Sustainable Chemistry', 5, 100241.

BOOK CHAPTERS

1. D. Judson and X. Ascar Davix, 'Code-Hopping-Based Communication Network Using Orthogonal Complementary Codes for Advanced Metering Infrastructure in Smart Grid, Springer-Lecture Notes in Electrical Engineering, Futuristic Communication and Network Technologies, Oct 2021.
2. J. Merin Joshiba, D. Judson, and A. Albert Raj, 2021, '5G Modulation Techniques-A Systematic Literature Survey, Springer-Lecture Notes in Electrical Engineering, Futuristic Communication and Network Technologies, Oct 2021.

REVIEWERS

Dr. J Annrose acted as a **reviewer** in

- IEEE Transactions on Evolutionary Computation on 14-12-2021
- Journal of Advances in Information Technology on 09-11-2021

Er. Suja A Alex acted as a **reviewer** in

- JIFS, IOS Press on 29-12-2021, 1-11-2021, 12-10-2021, 04-10-2021, 02-10-2021
- ICCIDM 2021

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