St.Xavier's Catholic College of Engineering
Department of Electronics and Communication Engineering
ELECTROS Association
Annual Report (Academic Year 2023-2024)

ELECTROS, The Electronic Society of our college aims at exposing our students to the current trends in technology. It's a great pleasure to present the annual report of ELECTROS for the academic year 2023-2024.

The Electros association was inaugurated on 4th September 2023. The chief guests were Dr.V.P. Sudeep Kumar, Assistant General Manager, BSNL, Nagercoil and our Alumnus Mr.W.S Jeenfer,CEO,Seed2 plant Pvt Ltd Nagercoil.

A Seminar on high speed fibre optic communication was delivered by the chief guest.

A seminar on AI Unleashed: Empowering Engineers to shape the future was conducted on 12-08-2023 to explore the best practices in AI. The resource person was Ms.Kajal Kiran, Data Scientist, The Hague, Netherlands.

To motivate our students for preparing civil service exams, a seminar on 'About UPSC' was conducted on 12-8-2023.The resource person was Ms.Shiqnaz Ahas , Civil service mentor, Managing director at ECS Academy.

To know about the AR/VR technique and its scope we arranged a seminar on 'AR/VR on 16-09-2023. The resource person was Mr.Pradeep Sathya Kumar.B, Regional Head, Scopik Edutech Private Limited.

We arranged a technical seminar on networking on 16-09-2023. The resource person was Ms.Antonet Reeta, Networking Specialist, Networkz Systems, Nagercoil.

To gain proficiency in MATLAB programming we conducted Hands on training in MATLAB programming on 12-8-2023 and 16-09-2023. The resource persons were Dr.S.Maria Seraphin Sujitha and Dr.B.C.Preethi.

To learn the breadboard connections and PCB design we conducted Hands on Training on Circuit Craft on 16-09-2023. The resource person was Mr. Jerwin, Robotics club member.

To enhance creativity and presentation skills of our students, an Intra department Idea Presentation competition was conducted for our students on 08-11-2023. The resource person was Er.Abhishek R.,CEO Chek In Tek Hardware Academy.

We conducted a six day value added course on Data Analytics and Visualization using Tableau and Power BI for our third-year students from 29-01-2024 to 09-02-2024. The experts were from Chek In Tek Hardware Academy,Attoor.

We organized a one-day Workshop on UI/UX Designing on 07-03-2024. The resource person was Ms.S. Sahaya Jesse Monisha, Software Engineer, Networkz Systems, Nagercoil.

A hand on workshop on AI for Students: Build your own Generative AI Model was conducted on 16-03-2024, through online mode. The resource person was Mr.Trivikrama.

To gain knowledge on Embedded systems and IoT we conducted a workshop on embedded system architecture and ARM processes on 19-03-2024. The resource person was Mr. A. Jaya Kumar, Senior Technical Engineer, Livewire Corporate, Chennai. A hands-on training on how to use Thinkercad Arduino was also given to the students.

A six day value added course on AI Blended with no code was conducted to our final year ECE students from 25-3-2024 to 03-04-2024. The resource persons were from AI and Data science department of our college.

We conducted ELECTROS skills meetup'24 competitions on 05-04-2024 showcasing the talents and expertise of participants in technical and non-technical

fields.

     An industrial visit to M-Squared training center, Trivandrum was arranged to II ECE students on 23-11-2023. A two days industrial visit to Vi Micro Systems, Pantech Learning Centre and Syrma Sgs Technology in Chennai was arranged for III students from 05-09-2023 to 06-09-2023. All India educational tour was arranged for IV year students from 05-01-2024 to 14-01-2024.

     To know the recent research developments a Two day International conference will be conducted from 23-04-2024 to 24-04-2024.

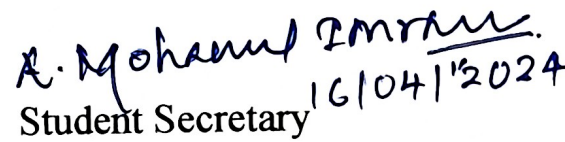<div align="center">Thank You</div>

Correspondent   Principal   Chief Guest

HOD   Faculty Advisor   R. Mohamed Imran Student Secretary 16/04/2024