

Society of Electrical Engineers

Report 2021-2022

The Society of Electrical Engineers (SEE) was inaugurated on 2nd March 2001 to professionally equip our students with the latest technologies and innovations. The main objective of SEE is to enhance the knowledge of students through various Seminars, Technical talks, Industrial visits, Paper presentations, Workshops and Education forum.

The inauguration ceremony of SEE for the academic year 2021-2022 was held online on 25th September 2021 and the office bearers have been assigned for our association.

Convener	: Dr. A. Darwin Jose Raju
Faculty Advisor	: Dr. M. Germin Nisha
Secretary	: Ms. R. Rich Brindha, IV year EEE
Treasurer	: Mr. K. T Branesh, IV year EEE
Joint secretary	: Ms. R. B. Jeedith Melfhiya, III year EEE
Assistant secretary	: Ms. V. Sairama, II year EEE
Executive members	

Mr. A. Selva Roderick and Ms. D. Sahaya Akshara Jekcy, IV year EEE

Mr. M. Navin Richard and Mr. S. R. Antilin Stanis, III year EEE

Ms. Y. Dalni and Mr. A. V. Sanjeev Mugunthan, II year EEE

A webinar on “Entrepreneurship, Growth and Future” was conducted online on 09/10/2021 by Ms. Angelin Indira Jeevamony, Founder and CEO, Ed-Zoe. All UG students of our department were informed to attend through Google meet. The main theme of this webinar is to bring a very positive effect on student's mind about entrepreneurship. The necessary task that needed to be done assure success was explained. This led a path to focus in their academic accomplishments, to become a successful entrepreneur.

A Workshop on “PCB Design” was conducted in physical mode, on 21/10/2021 by 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. Final year UG students of EEE attended the program. The main theme of this workshop is to instruct students about Printed Circuit Board (PCB) design which brings the electronic circuits to life in the physical form. Using layout software, the PCB design process was explained hands on in simulation laboratory and further the component placements and routing to define electrical connectivity on a manufactured circuit board were explained practically in project laboratory.

A webinar on “BIM for an Electrical Engineer” was conducted online on 06/11/2021 by Mr. Mohammed Sherfuddin, Chairman, Unique groups; Ms. Tintu Joy, Design Engineer, Unique groups; Ms. Siddiq, HR, Unique groups. Students, faculty members and industrialists from various organizations attended the program through Google meet. 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 focused on sophisticated tools for electrical trade design and estimation.

SEE organized a one day workshop on eSim for the students of II year EEE department of our college on 20/11/2021, in physical mode. 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 morning 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. The designed circuits were verified and appreciated.

A Workshop on “Getting started with Arduino” was conducted in our department as a part of our association activities (SEE’ 21) in physical mode. 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. This workshop was especially helpful to the students those who were interested in automation.

A webinar on “Artificial Intelligence in Aerospace Applications” was conducted online as a part of our association activities (SEE’21). All UG students of EE were informed to attend through Google meet. The main theme of this webinar is to address participants about the significance of AI in aerospace applications, as the aerospace industry is constantly looking for effective ways to speed up development processes in order to meet the growing demand as well as deliver high-quality components.

The National level technical symposium was conducted by the Society of Electrical Engineers on 27/05/2022. The Symposium was named as FALCONX’22. The theme of the Symposium was Ambition and Courage. The Symposium inauguration started at 9.45a.m in the seminar hall with prayer song. The Head of the Department Dr. S. V. Kayalvizhi welcomed the gathering. SEE Secretary Ms. R. Rich Brindha, Final year EEE read the annual report of SEE. The SEE Faculty advisor Dr. M. Germin Nisha gave a brief note on the theme of the Symposium FALCONX’22. Former HOD Dr. A Darwin Jose Raju introduced the Chief Guest. The Chief Guest Er. B. Rajasekharan. Assistant Executive Engineer, TNEB - Enoor addressed the gathering about generation, transmission and distribution of power in power stations. Our principal Dr.J.Maheswaran felicitated the gathering. The presidential address was given by our correspondent Rev. Fr. Dr. M. Maria William. Ms. K. Atchayah, Big Data Developer, TCS addressed the gathering about her past experience in college and her experience as Big Data Developer. Winners were honored with various SEE Awards by our Correspondent and Chief Guest. Mr. S.R. Antilin Satnis of III year EEE thanked the gathering. The inauguration ceremony ended with the college anthem.

After the inauguration ceremony, events like Paper Presentation, Poster Presentation, Circuit Debugging, Technical Quiz and Connections were conducted. 98 students from other institutions and our institution have participated in the events conducted. Out of them 54 students presented their technical idea as paper presentation, 33 students have presented their posters, 33 students have participated in circuit debugging, 46 students have participated in Quiz, 23 students have participated in Connections. Around 3.45 p.m. the winners of the events were honored with certificates and trophies. Finally the ceremony ended with national Anthem.

All the events conducted were beneficial for the students to improve their talents and knowledge. SEE express our gratitude to Correspondent Rev. Fr. Dr. M. Maria William, Bursar, Rev. Fr. M. Francis Xavier, Principal Dr. J. Maheswaran, Vice Principal, Dr. M. Marsaline Beno and Head of the Department Dr. S.V. Kayalvizhi for their motivation and Support. We thank Lord Almighty for that he has made yet another year of SEE a great success.

Ms. R. Rich Brindha,
Secretary/SEE,
Final EEE