SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(An Autonomous Institution)
Puducherry

IEEE

IEEE STB 62381

REPORT ON IEEE STUDENT BRANCH
September 2022 - November 2022

ABOUT THE INSTITUTION

Sri Manakula Vinayagar Engineering College (SMVEC) established in the year 1999. SMVEC is an autonomous institution affiliated to Pondicherry University. It offers 14 undergraduate, 8 postgraduate, and 11 research programs in Engineering, Architecture, Management Studies and Computer Applications. SMVEC has been accredited by NAAC with "A" grade and NBA. The institution is also accredited by TATA consultancy services. The college has a good placement record with students getting job offers from top MNC companies in India and abroad. SMVEC students have won many awards and accolades for their academic achievements.

Vision

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society

Mission

M1: Quality Education : To provide a comprehensive academic system that amalgamates the cutting edge technologies with best practices.

M2: Research and Innovation : To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.

M3: Employability and Entrepreneurship : To inculcate the employability and entrepreneurial skills through value and skill based training.

M4: Ethical Values : To instill a deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.

ABOUT IEEE STUDENT BRANCH

The American Institute of Electrical Engineers and the Institute of Radio Engineers merged to create the IEEE on January 1, 1963. IEEE has over 460,000 members in 190 countries, with the U.S. based membership no longer constituting a majority. IEEE produces over 30% of the worlds literature in the electrical and electronics engineering and computer science fields, publishing approximately 200 peer-reviewed journals and magazines. IEEE publishes more than 2,000 conference proceedings every year. The IEEE provides learning opportunities within the engineering sciences, research, and technology. IEEE offers educational opportunities such as IEEE e Learning Library, the Education Partners Program, Standards in Education and Continuing Education Units (CEUs). IEEE also sponsors a website designed to help young people better understand engineering, and how an engineering career can be made part of their future. Students of age 8–18, parents, and teachers can explore the site to prepare for an engineering career, ask experts engineering-related questions, play interactive games, explore curriculum links, and review lesson plans. Most IEEE members are electrical and electronics engineers, but the organizations wide scope of interests has attracted people in other disciplines as well (e.g., computer science, software engineering, mechanical engineering, civil engineering, biology, physics, and mathematics).
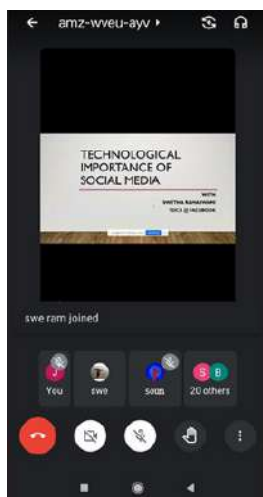
Guest lecture on "Game design and development "

On October 17, 2022, from 10.30 AM to 12 PM, the CCE Department and IEEE SB hosted a guest lecture on "Game design and development" given by Mr. T. Kathiravan, a game developer from Freelancer Pvt. Ltd Company in Puducherry. While the latter concentrates on how to construct the game, the Speaker formally opened the session by describing how the game might feel and appear. Video game designers are the creators of the medium; game developers bring their visions to life. As such, game designers greatly benefit from having coding expertise. Forty-three people showed up for the guest lecture and utilized it.

Guest lecture on "Technological importance of Social media"

A guest lecture on the "Technological Importance of Social Media" was arranged by the IEEE SB and the ECE Department on November 16, 2022, from 9:00 to 10:30 a.m. The purpose of this program was to inspire the ECE students. Ms. R. Swetha from TDCX, Facebook, Singapore served as the session's resource person. He possesses extensive knowledge in social media data management and business analytics. A presentation on social media was given by the resource person. Her speech promotes community among students and fosters safe and secure environments in which they can exchange ideas, thoughts, and opinions. In addition, it can be used to keep up with news and trends and to advertise companies, associations, and causes. The lecturer and the students engaged in participatory conversation for the final twenty minutes.

Guest Lecture on "Modernization of Application Development"

On November 19, 2022, from 2:00 PM to 3:30 PM, the IT Department and IEEE SB hosted a guest lecture by Mr. V. Hariram, Senior Software Engineer, Fullstack Developer, Financial Software Systems, Chennai, on the topic of "Modernization of Application Development." The speaker gave an overview of application development at the beginning of the session. finished with a potential career path in the area of mobile application development. The guest talk was attended and utilized by 105 people in total.
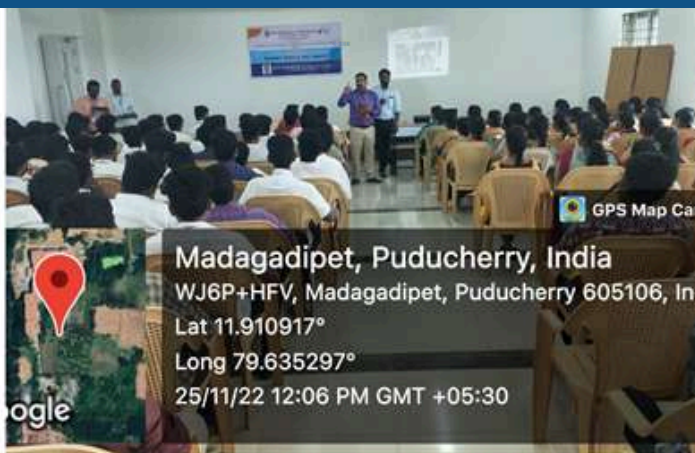
Guest Lecture on "Insights on Data Structures"

IT Department & IEEE SB organized a guest lecture on "Insights on Data Structures", by Mr.K.Rohith, Senior Software Developer, Poshmark India Private Limited, Chennai on 19th November, 2022 between 11.00 AM to 12.30 PM. Speaker started the session with the basics of Application Development. Finally concluded with career opportunity in the field of Software domain and how data structures application is helpful for Industry Applications. A total of 120 participants attended the guest lecture and made use of it.

Guest Lecture on "IPR – Problem Solving and Ideation"

EEE Department & IEEE SB organized a webinar on "IPR–Problem Solving and Ideation" by Dr.P.Jayakumar, JS-IP Design Solution, Madurai on 25th November, 2022 between 11.30 AM to 12.30 PM. The guest lecture "IPR – Problem Solving and Ideation" addresses the link between intellectual property rights (IPR) and the creative process. It explores about IPR frameworks and systematic methods to protect and use intellectual property, seminar also address methods for identifying, protecting and selling intellectual property. This will help participants deal with legal difficulty and promote an innovative culture. It might also include case studies and real-world examples to show how successful problem-solving within the IPR framework can result in the conception and successful application of creative ideas.