

ADVISORY COMMITTEE

Dr. S. Arul Daniel, Professor (HAG), Dept. of Electrical and Electronics Engineering, NIT, Trichy.

Dr. S. Rathinavel, Assistant Professor, Bharathiar University, Coimbatore.

Dr. A. Joseph Sagaya Kennedy, Head - IPR division, SRM TRP Engineering college, Trichy.

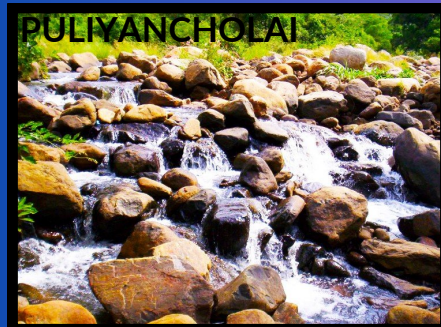
Dr. D. Suresh, Assistant Professor, IIIT, Trichy.

Dr. Kesavan Venkatachalam, PDF, IIT Bombay.

CERTIFICATE AND AWARDS

All the registered participants will receive the certificates and best papers will be considered for awards. All accepted papers will be published in conference proceedings.

VISITING PLACES



ORGANISING COMMITTEE

Chief Patron: Rev. Dr. Pavulraj Michael SJ, Rector, St. Joseph's College

Patron: Rev. Dr. K. Amal SJ, Secretary, St. Joseph's College

Chairman: Rev. Dr. M. Arockiasamy Xavier SJ, Principal, St. Joseph's College

Convenor: Dr. B. Kanickairaj, Head, Department of Electronics, St. Joseph's College

Co-Convenor: Dr. V. Manickam, Assistant Professor of Electronics, St. Joseph's College

Organising Secretary: Dr. S. Mary Margaret, Assistant Professor of Electronics, St. Joseph's College

INVITED SPEAKERS

Dr. V. Lingasamy, ME, Ph.D, M.Sc Yoga, M.A, R&D at Rakuten Mobile Inc, Bangalore.

Dr. Muthu Gnana Theresa Nathan, Ph.D., Postdoctoral Researcher, Dongguk University, Seoul, South Korea.

Dr. Nismon Rio Robert, Assistant Professor, Christ University, Bangalore.

Dr. D. Suresh, Assistant Professor, IIIT, Trichy.

Dr. Nirupama Tiwari, Scientific Officer F, BARC, Mumbai.

Mr. Nandha Kumar, Engineer, NXP Semiconductors, Bangalore.

EXECUTIVE COMMITTEE

Rev. Fr. John Wilson, Assistant Professor, Dept. of Electronics

Dr. P. Subbuthai, Assistant Professor, Dept. of Electronics

Dr. A. Arputharaj, Assistant Professor, Dept. of Electronics

Prof. M. Aishwariya Harini, Assistant Professor, Dept. of Electronics

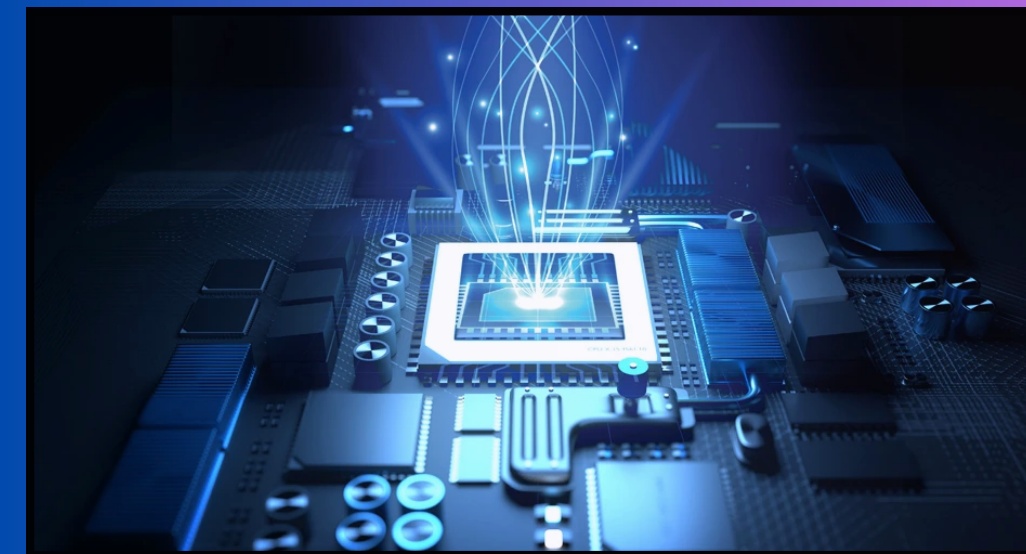
Prof. V. Victor Remy, Assistant Professor, Dept. of Electronics

Dr. K. Priyadarshini, Assistant Professor, Dept. of Electronics



INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ELECTRONICS AND ITS APPLICATION

FEBRUARY 08 & 09, 2024



Organized by

DEPARTMENT OF ELECTRONICS



ST. JOSEPH'S COLLEGE (AUTONOMOUS)
SPECIAL HERITAGE STATUS AWARDED BY UGC
ACCREDITED AT 'A++' GRADE (CYCLE-IV) BY NAAC
COLLEGE WITH POTENTIAL FOR EXCELLENCE BY UGC
DBT-STAR & FIST SPONSORED COLLEGE

TIRUCHIRAPPALLI-620 002
TAMILNADU, INDIA.

ABOUT THE COLLEGE

St. Joseph's is an autonomous college of the Bharathidasan University, Tiruchirappalli, located in the central part of Tamil Nadu, South India. The college was established in 1844 by the Society of Jesus (The Jesuits). The motto of the college is 'Pro bono et vero' - For the good and the true. The college celebrated its centenary in 1944, sesqui-centenary in 1995 and Dodransbicentenary in 2019. The college was recognised by UGC as a College with Potential for Excellence (CPE) in 2004 and 2014, NAAC has reaccredited the college at the highest A++ Grade (Cycle-IV) in 2019 and is ranked as 25th position in NIRF India rankings 2023 under college category. St. Joseph's is the only college in Tamil Nadu that has been awarded with Special Heritage Status by UGC. The college trains young men and women of quality to be leaders in all walks of life so that they serve the people of the Nation in truth justice and love. Accordingly, the college strives to be an agent of social change, by incorporating the scientific and technological growth in its UG, PG and Research (M.Phil/Ph.D) programmes.

ABOUT THE DEPARTMENT

The Department of Electronics, St. Joseph's College was established in the year 1993. The Department exceptionally offers Undergraduate (UG) and Postgraduate (PG) programmes. The UG programme was started in 1993 and PG programme was started in 1997. Right from its inception, the department has a rich tradition in teaching and works primarily on imparting the students with knowledge & skills in Electronics. The research interests of the faculty members of the department involve the wide area of applied and fundamental aspects of Electronics.

The department has excellent infrastructure including separate U.G and P.G laboratories to facilitate the graduates with latest trends and to give learning, a practical dimension. The curriculum is designed to acquire expertise in embedded system and provide practical exposure on the same. The department has always been on a progressive path. The experienced and dedicated faculty members, who have a strong commitment towards providing quality education, help to produce globally, competitive and socially sensitized UG and PG graduates and to bring out quality research in the frontier areas of Electronics. In the context of sharing knowledge, consultancy services are offered to various departments inside the campus as well as outside the campus.

OBJECTIVE OF THE CONFERENCE

The aim of this International Level Conference on "International Conference on Emerging Trends in Electronics and its Application" (ICEE-2024) is to provide a dynamic forum for Researchers, Scientists & Academicians to showcase their expertise, talents and innovative ideas. This conference assures to provide an interactive platform for the participants. The theme establishes a focus on recent technological developments in emerging fields of electronics its applications.

THRUST AREAS

The organizing committee of the conference invites papers from the students, researchers & faculty in the following areas but topic are not limited

- Energy storage devices
- Nano electronics
- Thin film characterization & application
- Plasma technology
- System on chip & Lap on chip
- Biomedical Instrumentation
- Environmental electronics
- Wireless sensor network
- Signal & Image Processing
- Virutal Instrumentation & IOT
- VLSI System design
- Embedded Systems design
- Microwave and antenna
- Industrial data network

IMPORTANT DATES

Abstract Submission : January 25, 2024
Acceptance of Notification : January 31, 2024
Last date of Registration : Feburary 05, 2024

REGISTRATION DETAILS

PG Students : Rs. 300/-
Research Scholars : Rs. 600/-
Faculty : Rs. 800/-
Industrial Persons : Rs. 1000/-
Mode of Payement : Online
Website: www.sjctni.edu/icee2024/

Spot registration is also available for listeners.

CALL FOR ABSTRACTS

The organizing committee invites abstracts of experimental research in the above mentioned thrust areas from faculty, research scholars and industrialists. The abstract as soft copy (MS-Word - Times New Romand, 12Pts & 2 line spacing) have to be send to the email sjceee2024@gmail.com. Registrations can be done at the college website www.sjctni.edu/icee2024/ or <https://forms.gle/zuGLJZXVhW5JFAEi9> on or before **05-02-2024**. Best paper presentations (oral/poster) will be awarded.

ACCOMMODATION

The participants are requested to inform organizing sectratary to make arrangements for accommodation.

**Mode of Conduct:
OFFLINE/ONLINE**

* FOR FURTHER DETAILS CONTACT

Dr. B. Kanickairaj

Dr. V. Manickam

Dr. S. Mary Margaret

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9176247869

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www.sjctni.edu/icee2024/



<https://forms.gle/zuGLJZXVhW5JFAEi9>

