

ABOUT THE INSTITUTION

St Xavier's College was established in 1923 at Palayamkottai by Jesuit Priests with the aim of training the young men and women of quality to be leaders in all walks of life so that they may serve the people of our nation in truth, justice and love. Accordingly, this college serves to be an agent of social change, instilling in the youth, an awareness of the great need in our country of social justice based on brotherhood and dignity of the human person. Thus, it aims at making its own contribution towards a transformation of the present social condition so that justice, equality and the moral values enshrined in the constitution of India may prevail in the daily life of every citizen. The college was accredited by NAAC at A++ Grade with a CGPA of 3.66. The UGC conferred the status of College with Potential for Excellence in 2004, 2010, and 2014. The Department of Biotechnology (DBT), Government of India, awarded Star College status in 2014. Acclaimed as a premier institution for higher learning, the college offers 56 programme options to the students.

ABOUT THE DEPARTMENT

The Department of Computer Science was established in the year 1986. The Department offers B.Sc. (Computer Science) course from 1986. The first self-financing course of the College PGDCA was started under the guidance of Dr. S. Ambrose in the year 1991. M.Sc Computer Science course was started in the year 1994. M.Sc Information Technology was started in the year 2002. The Department became research department in the year 2009. In the same year, the department started to offer M.Phil and Ph.D programs. There are 5 aided and 8 unaided staff members working in the department. All the aided staff members are Ph.D holders and are guiding research scholars for Ph.D. Every year the department conducts XPASO, the state level intercollegiate competition and more than 100 Students are participating in the mega event from all over Tamil Nadu. Every year the department organizes national level conference for College teachers and research scholars. To adhere to the motto of the Department "Professional Excellence", the Training and Placement Cell of the College helped to place our students in various MNCs. The companies like Wipro Technologies, TCS, HCL, Infosys, Fulcrum Technologies, Sutherland Global Services, Patni Computer Systems, iGate, Savvion, NetMagnum, Kumaran Systems, Asian Paints and ISG Novasoft prefer to provide project cum placement to our students for their values and professional commitment. To enrich and enhance the knowledge of the students department have memorandum of understanding with various software industries and institutions.

CALL FOR PAPERS

Not limited to these topics.

- Artificial Intelligence and Machine Learning
- Quantum Computing
- Blockchain and Distributed Ledger Technology (DLT)
- 5G and Beyond
- Internet of Things (IoT) and Industrial IoT
- Autonomous Systems and Robotics
- Advanced Materials and Nanotechnology
- Augmented Reality (AR) and Virtual Reality (VR)
- Cybersecurity and Privacy
- Additive Manufacturing (3D Printing)
- DevOps and Agile Development
- Robotic Process Automation (RPA) and IT Automation
- Software-Defined Everything (SDx)
- IT in Emerging Markets and Social Impact
- Big Data and Data Analytics.

ORGANIZING COMMITTEE

Patrons

Rev. Dr. S. Ignacimuthu, S.J. Rector.
Rev. Dr. G. Pushparaj, S.J. Secretary.
Rev. Dr. Godwin Rufus S.J. Principal.

Deputy Principal

Dr. A. Lourdusamy

Convener

Dr. T.C. Rajakumar, Head of the Department,
Department of Computer Science,
St. Xavier's College (Autonomous), Palayamkottai.

Organizing Secretaries

Dr. J. Margaret Sangeetha,
Assistant Professor, Department of Computer Science,
St. Xavier's College (Autonomous), Palayamkottai.

Rev. Fr. A. Leolin Arockiadass, S.J.
Assistant Professor, Department of Computer Science,
St. Xavier's College (Autonomous), Palayamkottai.

Members:

Dr. S.P. Victor, Associate Professor
Dr. S. John Peter, Associate Professor
Dr. M. Safish Mary, Assistant Professor, Senior Grade
Dr. J. Remy, Co-ordinator, Assistant Professor.
Dr. J. Patricia Annie Jebamalar, Assistant Professor
Dr. V. Narayani, Assistant Professor.
Dr. S. Niraja P Rayen, Assistant Professor
Dr. M. Preethi, Assistant Professor
Dr. V. Uma Devi, Assistant Professor
Dr. T. Idhaya, Assistant Professor.

Dates to remember:

Submission of Abstract/ Article	:	08. 11. 2024
Acceptance Notification	:	15. 11. 2024
Camera Ready/ Full Length Paper	:	20. 11. 2024
Last Date for Registration	:	30. 11. 2024

Contacts

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ST. XAVIER'S COLLEGE (AUTONOMOUS)

(Recognized as 'College with Potential for Excellence' by UGC)
(Accredited at A++ Grade with a CGPA of 3.66/4 in the IV cycle by NAAC)
Palayamkottai - 627 002



RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ORGANIZES

National Conference on

Prospects & Challenges in Disruptive Technologies

[NCPCDT@24]



6th December 2024



9.00 AM



Fr. Miranda Hall , SXC

ABOUT THE CONFERENCE

A National Conference on Prospects and Challenges in Disruptive Technologies [NCPCDT@24] is hosted by Department of Computer Science, St. Xavier's College (Autonomous), Palayamkottai during December 2024. The objective of the NCPCDT@24 is to bring together researchers, practitioners, and industry experts from around the world to foster the exchange of ideas, advances, and innovations in the field of Computer Science. This conference also aims to reward selected paper as BEST PAPER under each theme of the conference. A maximum of two authors per paper can register for the conference. Paper presentation is mandatory for the award of BEST PAPER and certificate.

GUIDELINES - PAPER SUBMISSION

- Each article must be original.
- The paper has to be typed in Microsoft Word (.doc/.docx) with the font - Times New Roman, Font Size - 12 and 1.5 line spacing. The paper must have 1.5 inch and 1 inch margin on the left and right side respectively.
- The article should not exceed 10 pages.
- The Cover page of the manuscripts must contain the title of the paper, author and co-author (if any), designation, institutional affiliation, email address and must be accompanied by a Declaration of Originality stating that the work has not been published anywhere else.
- Soft copy of the paper must be sent only by Email Address below xcncpcdt24@gmail.com
- All papers will be peer reviewed by a panel of experts. Based on the quality, originality and effective presentation of the paper, Best Paper Award and Best Presenter Award will be bestowed.
- Selected papers will be published in the conference proceedings with ISBN number.
- Author and Co-Author must register separately.
- The abstract with keywords should not exceed 300 words and subsequent pages of the paper should be limited to 3000 words or 10 pages.
- No DA or TA will be provided.

THEME OF THE CONFERENCE

Disruptive Technologies are innovations that significantly alter industries, creating new markets and challenging established business models. In the context of information technology (IT), disruptive technologies refer to innovations that fundamentally change the way information is created, processed, stored, and shared, often leading to significant shifts in business practices and consumer behaviour. It covers the key areas such as Cloud Computing, Artificial Intelligence (AI), Blockchain, Internet of Things (IoT), Big Data Analytics, etc. These technologies not only enhance operational capabilities but also create new business models and customer engagement strategies, forcing established companies to adapt or risk obsolescence.

Disruptive technologies offer a myriad of prospects and challenges for individuals, businesses, and society as a whole. By embracing the advancements of disruptive technologies, we can unlock a world of possibilities and create a brighter future for all. This National Conference aims to explore key trends in disruptive technologies, harness their innovation potential, and address the ethical concerns associated with their implementation.

ADVISORY COMMITTEE

Dr. T. Kokilavani

Assistant professor, Department of CS,
Christ University, Bengaluru.

Dr. J. Angela Jennifa Sujana

Professor and Head Dept of AI&DS,
MepcoSchlenk Engineering College, Sivakasi.

Dr. R. Balasubramaniam

Professor & Head I/c , Dept of CITE, MS University,
Tirunelveli.

Dr. P. Velmani

Assistant Professor of Computer Science
The M.D.T Hindu College , Pettai, Tirunelveli.

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Senior Technical Lead QA
EXELA Technologies, Chennai.

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Packaged Application Development Specialist
(Team Lead), Accenture Solutions Pvt Ltd, Chennai.

Mr. Abishek Muthukumar

Software Engineer @ Caterpillar Inc,
Perungudi, Chennai.

REGISTRATION DETAILS

Register through Google form using the link given below:
<https://forms.gle/FURelJbJyUTGBbZU8>

Last date for Registration : **30th November 2024**

Faculty/Research Scholars (Presentation)	- Rs. 750
Industrialist	- Rs. 500
Participants/UG/PG Students	- Rs. 300

For Fee Transfer:

Bank	: STATE BANK OF INDIA
Branch	: ST XAVIERS COLLEGE PALAYAMKOTTAI
Acc.No.	: 10481950028
Acc.Name	: COMPUTER SCIENCES ASSON
IFSC	: SBIN0010482

