

## ABOUT THE CONFERENCE

THE NATIONAL CONFERENCE ON COMPUTING & INFORMATION SYSTEMS, ORGANIZED BY THE IT DEPARTMENT, IS DESIGNED TO BRING TOGETHER EXPERTS, RESEARCHERS, AND PROFESSIONALS FROM THE FIELDS OF COMPUTING, INFORMATION SYSTEMS, AND TECHNOLOGY. THE CONFERENCE OFFERS A PLATFORM TO EXCHANGE KNOWLEDGE, EXPLORE THE LATEST INNOVATIONS, AND DISCUSS EMERGING TRENDS IN AREAS SUCH AS ARTIFICIAL INTELLIGENCE, CYBERSECURITY, DATA SCIENCE, AND SOFTWARE ENGINEERING.

### ABSTRACT AND PAPER GUIDELINES:

THE ABSTRACT SHOULD BE BETWEEN 200 TO 300 WORDS. THE ABSTRACT SHOULD BRIEFLY SUMMARIZE THE KEY ASPECTS OF THE RESEARCH, INCLUDING THE RESEARCH PROBLEM, METHODOLOGY, RESULTS, AND CONCLUSIONS. IT SHOULD HIGHLIGHT THE SIGNIFICANCE AND CONTRIBUTION OF THE WORK. AVOID USING REFERENCES, TABLES, OR FIGURES IN THE ABSTRACT. PROVIDE 3-5 KEYWORDS THAT REPRESENT THE FOCUS AREAS OF THE PAPER. THE ABSTRACT SHOULD BE IN ENGLISH. USE ARIAL, 12-POINT FONT, WITH 1.5 LINE SPACING. SUBMIT THE ABSTRACT VIA THE CONFERENCE SUBMISSION PORTAL BY THE SPECIFIED DEADLINE. THE ABSTRACT WILL UNDERGO A REVIEW PROCESS, AND SELECTED AUTHORS WILL BE INVITED TO SUBMIT THE FULL PAPER. THE FULL PAPER SHOULD BE BETWEEN 6 TO 8 PAGES IN LENGTH, INCLUDING REFERENCES, TABLES, AND FIGURES. THE PAPER SHOULD BE FORMATTED ACCORDING TO THE IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS) STYLE, WHICH INCLUDES, USE TIMES NEW ROMAN, 12-POINT FONT FOR THE MAIN TEXT AND 10-POINT FONT FOR REFERENCES. MARGINS 1-INCH MARGINS ON ALL SIDES. LINE SPACING USE 1.5 LINE SPACING THROUGHOUT THE PAPER. TEXT ALIGNMENT JUSTIFIED TEXT ALIGNMENT. HEADINGS: USE APPROPRIATE HEADING STYLES (E.G., SECTION 1, SECTION 2) WITH NUMBERING. ABSTRACT, FULL PAPER, AND PRESENTATION SHALL BE SUBMITTED to: [hod.it@pmctech.org@gmail.com](mailto:hod.it@pmctech.org@gmail.com).

### IMPORTANT DATES:

EVENT	DATES
Abstract/Full Paper submissions	14-March-2025
Paper Acceptance Notification	19-March-2025
Conference Dates	21-March-2025

### REGISTRATION DETAILS:

CATEGORY	FEE
UG, PG Students & Research Scholars (Conference and ISBN Proceedings in CD)	Rs.500 per paper (Maximum 4 authors)
Academicians and Industry Persons (Conference and ISBN Proceedings in CD)	Rs.600 per paper (Maximum 4 authors)

## REGISTRATION FEE INCLUDES

- Registration Kit
- Certificate of Participation
- If your paper is accepted for publication, applicable publication fees will be charged.

## ACCOUNT DETAILS

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**Note :** Mail all your queries, abstract, full paper and PowerPoint presentation only to: [hod.it@pmctech.org@gmail.com](mailto:hod.it@pmctech.org@gmail.com)

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## DEPARTMENT OF INFORMATION TECHNOLOGY



## NATIONAL CONFERENCE ON COMPUTING & INFORMATION SYSTEM

**24<sup>TH</sup> MARCH 2025**

**ORGANISED BY**

**ER. PERUMAL MANIMEKALAI  
COLLEGE OF ENGINEERING..**

HOSUR to Krishnagiri Highways, Near  
Koneripalli (PO), HOSUR,  
Nallaganakothapalli, Tamil NADU 635117

## ABOUT PMC TECH:

PMC TECH GROUP OF INSTITUTIONS CONSISTING OF ENGINEERING COLLEGE, POLYTECHNIC AND ITI WERE ESTABLISHED IN THE YEAR 1996 BY ER. P. PERUWAL B.E, M.I.E, FIV, OUR FOUNDER AND CHAIRMAN AND SPONSORED BY ER. PERUWAL MANIWEKALAI TELUGU MINORITY EDUCATIONAL AND CHARITABLE TRUST. STRATEGIC LOCATION OF THE INSTITUTION IS IN THE INDUSTRIAL HUB OF HOSUR, TAMILNADU AND ALSO PROXIMITY OF SILICON VALLEY BENGALURU, WHICH IS ENGULFED WITH AERONAUTICAL, AUTOMOBILE, CONSTRUCTION, INFORMATION TECHNOLOGY AND MECHANICAL ENGINEERING INDUSTRIES LARGELY BENEFITING THE STUDENTS' PROSPERITY.

ER. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, ESTABLISHED IN THE ACADEMIC YEAR 2002 - 2003 IS APPROVED BY AICTE AND AFFILIATED TO ANNA UNIVERSITY. THE COLLEGE "AN ISO 9001:2015 CERTIFIED INSTITUTION ACCREDITED BY NAAC WITH A GRADE" HAS ALL ADVANTAGEOUS AND STATE-OF-ART FACILITIES AND PROVIDE INDUSTRY READY EMPLOYABILITY SKILLS THEREBY SCULPTING BUDDING TALENTS INTO TECHNOLOGY AND MANAGEMENT LEADERS OF TOMORROW.

EVER SINCE INCEPTION, THE COLLEGE IS DEDICATED TO THE CORE OF "PROMOTION OF QUALITY EDUCATION WITH BASIC PHILOSOPHY SUWWED UP AS TO BE A CENTRE OF LEARNING, EXCELLING IN ACADEMICS, WHICH IMPARTS KNOWLEDGE TO ITS STUDENTS, ENCOURAGES STAFF AND STUDENTS TO ACTIVELY TAKE UP RESEARCH AND DEVELOPMENT ACTIVITIES AND TO BE AN EMISSARY OF GROWTH PROMOTION OF ETHICAL VALUES AND THUS SERVE THE SOCIETY".



## ABOUT THE DEPARTMENT

THE DEPARTMENT OF INFORMATION TECHNOLOGY WAS ESTABLISHED IN THE ACADEMIC YEAR 2002-03 WITH AN INTAKE OF 60 STUDENTS AND INCREASED THE INTAKE TO 120 STUDENTS IN 2019. IT MAINTAINS EXCELLENT ACADEMIC AND PLACEMENT RECORDS SINCE INCEPTION. OUR DEPARTMENT FACILITATES TECHNOLOGY ENABLED LEARNING AND STUDENTS ACTIVELY PARTICIPATE IN NPTEL AND CODING/PROJECT COMPETITIONS ACROSS THE COUNTRY. THE DEPARTMENT HAS EXTENSIVE INTERACTIONS WITH PROFESSIONAL BODIES SUCH AS CSI, ISTE AND ICTACT. THE DEPARTMENT HAS ORGANIZED MANY SPONSORED EVENTS LIKE CONFERENCES, SYMPOSIA, TRAINING PROGRAMMES AND WORKSHOPS. THE DEPARTMENT HAS RECEIVED FUNDING FROM VARIOUS AGENCIES SUCH AS AICTE, ICMR, TNSCST, ANNA UNIVERSITY. THE DEPARTMENT HAS TOTALLY THREE RECOGNIZED SUPERVISORS FOR GUIDING THE RESEARCH SCHOLARS UNDER VARIOUS RESEARCH THRUST AREAS. GRADUATES OF THE INFORMATION TECHNOLOGY DEPARTMENT WILL BE EQUIPPED TO EXCEL IN TECHNICAL AND MANAGERIAL ROLES THROUGH A DEEP UNDERSTANDING OF CURRENT TECHNOLOGIES, AS WELL AS THE ABILITY TO APPLY THE TECHNOLOGICAL CONCEPTS OF COMPUTER SCIENCE AND BUSINESS SYSTEMS.

THE INFORMATION TECHNOLOGY (IT) DEPARTMENT IN AN ENGINEERING COLLEGE IS DEDICATED TO PROVIDING STUDENTS WITH A STRONG FOUNDATION IN BOTH THEORETICAL AND PRACTICAL ASPECTS OF INFORMATION TECHNOLOGY. THE DEPARTMENT AIMS TO PREPARE STUDENTS FOR CAREERS IN THE RAPIDLY EVOLVING IT INDUSTRY BY OFFERING AN EXTENSIVE CURRICULUM THAT COVERS A WIDE RANGE OF SUBJECTS SUCH AS PROGRAMMING, DATA STRUCTURES, ALGORITHMS, SOFTWARE ENGINEERING, NETWORKING, CYBERSECURITY, DATABASE MANAGEMENT, AND EMERGING TECHNOLOGIES LIKE ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND CLOUD COMPUTING. THE DEPARTMENT FOCUSES ON DELIVERING HIGH-QUALITY EDUCATION THROUGH A MIX OF LECTURES AND HANDS-ON LABS. THE CURRICULUM IS DESIGNED TO ENSURE STUDENTS ARE WELL-VERSED IN CURRENT TECHNOLOGIES AND INDUSTRY PRACTICES.

### VISION

- ❖ TO DEVELOP INNOVATIVE COMPUTER SCIENCE PROFESSIONAL WITH BUSINESS MANAGEMENT KNOWLEDGE & SKILLS.

### MISSION

- ❖ DEVELOP COMPUTER SCIENCE & BUSINESS MANAGEMENT GRADUATES TO MEET THE REQUIREMENT OF EMPLOYMENT, RESEARCH & ENTREPRENEURSHIP.
- ❖ PRODUCE HIGHLY COMPETENT PROFESSIONAL TO PROVIDE SOLUTIONS TO THE MODERN INDUSTRIAL & SOCIETAL NEED.
- ❖ TRAIN THEM FOR LIFELONG LEARNING WITH ETHICAL VALUE TO CONTRIBUTE FOR THE SUSTAINABLE DEVELOPMENT OF OUR NATION.

## Topics:

- Artificial Intelligence and Machine Learning
- Data Science and Big Data Analytics
- Cloud Computing and Virtualization Technologies
- Cybersecurity and Information Security
- Blockchain Technology and Applications
- Internet of Things (IoT) and Smart Systems
- Software Engineering and Development Methodologies
- Human-Computer Interaction (HCI)
- Computational Biology and Bioinformatics
- Natural Language Processing (NLP) and Text Mining
- Advanced Database Management Systems
- Networking and Communication Systems
- Computational Intelligence and Expert Systems
- Distributed Systems and Parallel Computing
- Virtual Reality (VR) and Augmented Reality (AR)
- Mobile Computing and Applications
- Quantum Computing and Quantum Cryptography
- Robotics and Automation Systems
- Smart Cities and Urban Computing
- Green Computing and Sustainable Information Systems
- Mobile, Wireless & Broadband Communication