



**PSG COLLEGE
OF TECHNOLOGY**



International Conference on
**HIGH PERFORMANCE
AND INTELLIGENT
COMPUTING**

Date

DECEMBER 7-9, 2022

Organized By

Department of Computer
Science and Engineering



About the College

PSG College of Technology, an ISO 9001:2000 certified institution is one of the foremost institutions founded by the PSG & Sons' Charities Trust (1926). The College was established in the year 1951 and the Founders wisely decided to locate it in the same campus as the PSG Industrial Institute for effective industry-institute interaction. The founder Principal Dr. G R Damodaran was instrumental in the planned growth of the institution from the humble beginnings in 1951 to the present status of a world-renowned technological institution. The College today has a student strength of about 8518 with 15 engineering and technology departments. More than 600 research scholars are pursuing research programmes leading to Ph.D. / MS / M Tech degrees and the college is a recognized QIP centre for Postgraduate and Ph.D. programmes. Several advanced centres are set up with financial support from the Ministry of Human Resources Development, DST and other agencies. The programmes of the college are recognized all over India and abroad.

About the Department

The Department of Computer Science and Engineering, with its dedicated body of well-qualified faculty, technical staff and students, is committed to be an international, multi-disciplinary center of excellence in Computer Science and Engineering through education and research. It has partnerships with other leading Academic institutions, Government and industrial sectors. It has acquired generous grants from global organizations like World Bank, Swiss Development Co-operation for Manpower Development, the Department of Electronics, VSSC, AICTE and the Ministry of Information Technology, DBT, DST, DRDO and UGC. The department carries out consultancy work with organisations like Cloudera, Impiger, Cordys. The Vision of the Department is to become a global leader in education and research in the field of Computer Science & Engineering for societal benefit. The department has state of the art laboratories in Open Source Systems, Networking, Software Engineering, Cloud Computing, Embedded Systems and Big Data Analytics. The department also hosts a center of excellence in Assistive Technology and Artificial Intelligence.

About the Conference

The advent of development in computing and communication techniques has opened up a new venue for High Performance and Intelligent Computing. These advancements on one hand result in enhancement of computing technology, on the other hand, computing workloads evolve and change with advances in micro architecture, programming languages, and networking communication technologies. Therefore, the association between High Performance and Intelligent Computing is essential. New research efforts are inevitable and association between them becomes a promising field to explore.

The motivation behind this conference is to provide a common forum for presenting high-quality original research, innovative ideas, and compelling insights on latest research ideas, future trends and developments in High Performance Computing and Intelligent Computing. The outcome of the conference will focus on several innovation paradigms in system knowledge, intelligence, sustainability, high performance computing and its applications that can help to provide realistic solutions to various problems confronting society, the environment, and industry.

Conference Tracks

High Performance Computing

- Distributed Computing
- Edge & Fog Computing
- High Performance Computing
- Centralized Computing
- Cloud Computing
- Cluster Computing
- Internet of Things
- Parallel Computing
- Quantum Computing
- Mobile Computing
- Multi Agent Systems
- Security & Cryptography
- Blockchain Technology
- Social Networking
- Ubiquitous Computing
- Computer Networks
- Communication Technologies
- Cyber Physical Systems

Intelligent Computing

- Algorithms Design
- Artificial Intelligence
- Augmented and Virtual Reality
- Automated Software Engineering
- Bioinformatics
- Computational Intelligence
- Computer Graphics
- Computer Vision
- Data Analytics
- Deep Learning
- Evolutionary Algorithms
- Fuzzy and Expert Systems
- Human Computer Interaction
- Machine Learning
- Natural Language Processing
- Recommendation System
- Speech Recognition
- Image and Video Analytics



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Important Dates

Submission Deadline
Acceptance Notification
Conference Dates

May 31, 2022
September 30, 2022
December 7-9, 2022

For Queries Contact

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