- ❖ Signal Processing Systems
- ❖ Soft Computing
- ❖ Software Agent architecture
- ❖ Software architectures for scientific computing
- ❖ Software Engineering
- ❖ Speech and Audio Processing
- ❖ Speech and Image Processing Systems
- ❖ Supercomputing and scientific computing
- ❖ Robotics and Automation
- ❖ Usability, trust, flexibility, interoperability
- ❖ Web Engineering
- ❖ Web Services
- ❖ Wireless Communication and Mobile Computing
- ❖ Wireless Sensor Networks

PAPER SUBMISSION GUIDELINES

Authors are kindly invited to submit full text papers including results, tables, figures and references. All articles should be original. The selected best papers will be published in IJARTET (UGC Approved & Recognized Journal) and The National Journal of Technology (PSG Tech Journal).

ADVISORY BOARD

Dr. Christo Ananth - Editor-in-Chief
International Journal of Advance Research Trends in Engineering and Technology (IJARTET - UGC Approved & Recognized Journal)

INSTRUCTIONS FOR SUBMISSION

- ❖ It is the responsibility of authors to check that the implementation is correct and complete. Failing to do so may result in failing to register your paper. Your submission is complete if once you receive the confirmation.
- ❖ E-mail your paper and covering letter to nlc@dit.psgtech.ac.in
- ❖ Please name your files using the first author
- ❖ For queries kindly contact us through the provided E-Mail ID

REGISTRATION FEE (PER AUTHOR)

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Engineering	₹ 750	₹ 500
Arts & Science	₹ 750	₹ 500
Polytechnic	₹ 500	N/A

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- ❖ Participation in the technical program
- ❖ Lunch
- ❖ Badge
- ❖ Conference document (proceedings on book or CD)
- ❖ Coffee breaks

MODE OF PAYMENT

Demand Drafts should be drawn in favour of "The Principal, PSG Polytechnic College" payable at Coimbatore.

DATES TO REMEMBER

Full camera ready paper	:	20th January 2018
Notification of Acceptance	:	30th January 2018
Registration Closes on	:	10th February 2018

CONFERENCE COMMIITTEE

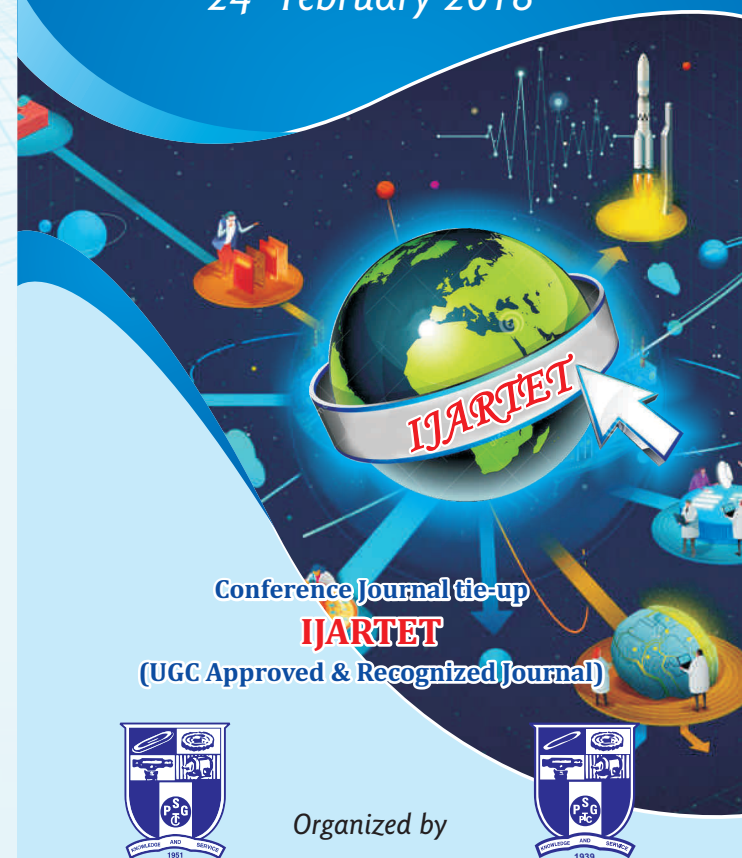| Chief Patron : | **Mr.L.Gopalakrishnan,** Managing Trustee, PSG & Son's Charities |
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National Conference on

Recent trends in Information Technology

NC RTIT'18

24th February 2018

Conference Journal tie-up
IJARTET
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Organized by

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PSG COLLEGE OF TECHNOLOGY

PSG College of Technology is an autonomous, government aided, private engineering college in Peelamedu, Coimbatore. It is affiliated to Anna University Chennai. The college offers a total of 48 full-time and part-time programs in Science, Engineering and Management at undergraduate and postgraduate levels. The college was founded in 1951 by Dr.G.R.Damodaran, who served as first Principal of the college. It is one of the many educational institutions nurtured by PSG & Sons Charities Trust. It is the first private engineering institution established in Tamil Nadu. The college is located in the same campus with the PSG Industrial Institute. It is the only college in India to have an industry attached to it.

DEPARTMENT OF INFORMATION TECHNOLOGY (PSG CT)

The Department of information Technology was established in the year 1999 with a view to develop quality engineers to meet the current trends in the emerging world of IT. The goal of the department is to educate students to get technical expertise and knowledge in the field of Information Technology so that it enables them to communicate and use that knowledge constructively for the benefit of others. The Department of Information Technology offers an excellent atmosphere for students to learn and acquire the necessary skills demanded by the industry. The department has experienced faculty members who are fully committed to teaching and research. The students have access to well equipped, state-of-the-art laboratories. A wide range of research activities undertaken in the department allow the students to gain contemporary knowledge about real-life problems in the industry. The well thought out curriculum requires the students to take up a broad spectrum of courses, while simultaneously allowing emphasis on desired areas of specialization. Hence, the Department of Information Technology strives to provide hands-on education to all of its students. The department has brought out outstanding engineers in the past and will continue in doing so in the years to come.

PSG POLYTECHNIC COLLEGE

PSG Polytechnic College, established in the year 1939, is a pioneer Institute in the field of Technical Education it is a Government aided ISO 9001 Certified Institution with Autonomous status from 1976. The autonomous status permits the college to have a flexible curriculum and updated syllabi. The Polytechnic College has the state of art laboratories with free access to the students and prepares them with the latest methods of learning Industrial exposure. The college is located in the same campus as the PSG Industrial Institute.

DEPARTMENT OF INFORMATION TECHNOLOGY (PSG PT)

The Department of Information Technology was established in the year 2006 with a view to develop quality engineers to meet the current trends in the emerging world of IT. It has been developed through the efforts of the faculty, industry advisory boards, and student feedback. The students participate in credited projects, summer training, and non-credit industry training. Students who complete diploma course in these areas enjoy high placement rates and competitive salaries. The mission of IT Department is to equip the students to acquire technical knowledge and to expertise in the field of Information Technology. Provides vision and framework for evaluating the emerging technologies. Aims to provide a higher technical education through students projects and also provides an infrastructure that enriches the capacity for personal communication, both intrrnally and externally, between faculty, staff and students.

ABOUT THE CONFERENCE

The objective of NC RTIT'18 is to provide a platform for researchers, engineers, academicians as well as industrial professionals from all parts of India to present their research results and development activities in Information Technology. This conference provides opportunities for the delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration. Submitted conference papers will be reviewed by technical committees of the Conference. English is the official language of the conference. We welcome original Technical / Research papers in electronic (DOC or PDF) format, through the easy chair conferences management system website or via email (nlc@dit.psgtech.ac.in).

CALL FOR PAPERS

The technical sessions of the conference will consists of key note addresses and original contributory papers reporting of software and Web Engineering, Computer Science, Computer Application, Electronics Commerce, Electronics Marketing, E-Cash, Information Processing, Information Technology, Knowledge Management and related topics are presented and discussed. Original contributions are solicited on topics covered under broad areas such as (but not limited to):

NATIONAL CONFERENCE TOPICS

- ❖ Algorithms and Techniques
- ❖ Artificial Intelligence
- ❖ Big data
- ❖ Bio-informatics
- ❖ Circuit Modelling and Scientific Computing
- ❖ Cloud Computing
- ❖ Computer Architectures and Digital Systems
- ❖ Computer Networks and Security
- ❖ Computer Vision and Pattern Recognition
- ❖ Control Systems
- ❖ Data Mining and Data fusion
- ❖ Data Mining and Management
- ❖ Databases and Data Mining
- ❖ Distributed, mobile, and open architecture
- ❖ E-Learning & E-Business
- ❖ Embedded Systems
- ❖ Fuzzy Logic and Circuits Design
- ❖ Fuzzy Systems
- ❖ Genetic Algorithms
- ❖ Green Computing
- ❖ Grid and Cluster Computing
- ❖ Hierarchical Control Systems
- ❖ Hybrid Systems
- ❖ Information & data security
- ❖ Information systems & Applications
- ❖ Information Systems in networked & virtual organizations
- ❖ Information Systems reengineering
- ❖ Innovative database technology
- ❖ Internet and Electronic Commerce
- ❖ Internet applications & performances
- ❖ Knowledge Management & Decision Making
- ❖ Knowledge, information, and data quality Logic Synthesis
- ❖ Management Information Systems
- ❖ Methodologies and Languages for Secure Information Systems
- ❖ Mobile networks & services
- ❖ Modelling and Simulation
- ❖ Multidimensional Systems
- ❖ Multimedia and Web Applications
- ❖ Network and System Security
- ❖ Network Management and services
- ❖ Networks-on-Chip and Systems-on-Chip
- ❖ Neural Networks
- ❖ Numerical Analysis and Circuits
- ❖ Optimization
- ❖ Performance Modelling and Analysis
- ❖ Reliability Engineering and Fault Tolerance
- ❖ Satellite & Space Communications
- ❖ Scientific computing and supercomputing benchmark design
- ❖ Semantic web