

Special Issue sponsored by **IJARCCCE**, **IJIREICE**, **IARJSET**

ADVISORY COMMITTEE

Dr. Maitreyee Dutta, NITTTR Chandigarh
Sri. K. N. Sasikumar, SJD, DTE Thiruvananthapuram
Dr. R. Sreedharan, NIT Calicut
Dr. Vinay V. Panicker, NIT Calicut
Dr. Saidalavi Kalady, NIT Calicut
Dr. Sabu M Thampi, IIITMK Thiruvananthapuram
Dr. Jiji. C. V, CET Thiruvananthapuram
Dr. Byju Bai, GEC Kozhikode
Dr. Manoj Kumar. M.V, GCE, Kannur
Dr. Jayaprakash P., GCE Kannur
Dr. Santhosh Kumar C, Amritha Viswavidhyapeedam
Dr. M.R. Sindhu, Amritha University, Coimbatore
Prof. Nandakumar P., NSSCE Palakkad
Prof. Shajee Mohan. B.S, GEC Kozhikode
Dr. Muhammed Shekkoor, LBSCE Kasaragod
Dr. Aboobacker Kadengal, LBSCE Kasaragod
Dr. Vinodu George, LBSCE Kasaragod
Dr. Praveen Kumar. K, LBSCE Kasaragod
Sri. V.A.Shamsudheen, JD, SITTTR Kalamasseri
Sri. M. Chandrakumar, MTI Thrissur

ADVISORY COMMITTEE (Institute Level)

Sri. Sajikumar K, HOD Mechanical Engineering
Sri. Narayana Naik P., HOD Electronics Engineering
Sri. Purandara M., HOD Electrical Engineering
Sri. Jacob Thomas, HOD Civil Engineering

ORGANISING COMMITTEE

Chief Conference Patron: Dr. K.P. Indiradevi
DTE Thiruvananthapuram
Conference Patron: Sri. P.Y. Solomon
Principal, GPC Kasaragod
Convenor: Sri. Sreejesh. V.K, Lecturer,
Dept. of Computer Engineering
Joint-Convenors: Sri. Solomon Joseph, Lecturer,
Dept. of Mechanical Engineering
Sri. Sunil Kumar S., Lecturer,
Dept. of Electrical Engineering
Sri. Renjith K.M., Lecturer,
Dept. of Electronics Engineering

IMPORTANT DATES

Full Paper submission : 30th October 2017
Intimation of acceptance : 15th November 2017
Registration and uploading
Camera ready paper : 1st December 2017
Date of Conference : 14, 15 December 2017

REGISTRATION FEE DETAILS

Delegates from Industry : ₹2000/-
Delegates from Academic Institutions : ₹1000/-
Students/Research Scholars : ₹500/-

Address for Communication

NCRTET-17
Government Polytechnic College
Periye (P.O.), Bekal (Via), Kasaragod
Kerala, PIN-671316
Email: ncrtt.2017@gmail.com
www.gptckasaragod.org
Contact Nos: 9496690222, 9605497927

NATIONAL CONFERENCE ON RECENT TRENDS IN ENGINEERING & TECHNOLOGY (NCRTET-17)

14th & 15th December 2017

Sponsored by



**Directorate of Technical Education,
Kerala**



GOVT. POLYTECHNIC COLLEGE

PERIYE P.O., BEKAL (VIA)
KASARAGOD, KERALA - 671316
Ph: 0467 2234020
www.gptckasaragod.org



ABOUT THE COLLEGE

Government Polytechnic College, Kasaragod was established in the year 1988, under the Directorate of Technical Education, Govt. of Kerala. This is the First Diploma level Engineering Educational Institution owned by the Government in Kasaragod District. The College is approved by AICTE, New Delhi and offers five Diploma programmes in Engineering (Mechanical, Electrical, Electronics, Computer and Civil Engineering). The picturesque campus is located at Periyé, which is 12 Km away from Kanhangad town along NH 66.

ABOUT NCRTEET -17

The aim of the conference is to provide an opportunity for students, research scholars, academicians and industry professionals for sharing and exploring new areas of research and development and to discuss emerging issues and novel methods. It will provide a gateway to enhance their knowledge and expose them to new techniques and trends in the relevant areas. The conference will witness expert lectures by eminent academicians and industry professionals in addition to paper presentations by the participants.

CALL FOR PAPER

The original unpublished research papers in relevant areas are invited to be presented in the conference. The authors are requested to send their contributions in PDF/Word format to the conference mail id ncrtt.2017@gmail.com

Accepted Papers will be published in the following journals after review:

IJARCCCE (International Journal of Advanced Research in Computer and Communication Engineering)

IJIREEICE (International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering)

IARJSET (International Advanced Research Journal in Science, Engineering and Technology)

The Paper template in word format can be downloaded from the college website www.gptckasaragod.org or from the following websites.

IJARCCCE - www.ijarcce.com

IJIREEICE- www.ijireeice.com

IARJSET- www.iarjset.com

CONFERENCE TRACKS

Track A (COMPUTER SCIENCE AND INFORMATION TECHNOLOGY)

Algorithms, Software Engineering, Data Warehousing & Data Mining, Artificial Intelligence & Pattern Recognition, Information Retrieval, Neural Networks, Artificial Neural Networks & Machine Learning, Evolutionary Computation, Parallel Processing & Distributed Computing, Pervasive Computing, Cluster Computing, Data Communication, Protocols & Standards, Personal Communications, Cryptography & Network Security, Cloud Computing & Security, Ad-Hoc, Mobile & Wireless Networks, Mobile Computing, Multimedia, Cyber Crime, Embedded Systems.

Track B (ELECTRICAL ENGINEERING)

Analysis & Design of Electrical Machines, Electric Vehicle, Power Electronics Converters & Drives, Power Quality, Active Filters & VAR Compensation Schemes, Nonlinear Systems & Control, Networked Control Systems, Intelligent & AI Based Control, Fault Tolerant Control, Energy Storage Systems, Energy Security, Application of Green Technology, Renewable Energy Systems, Non-Conventional

Energy, Power Systems Analysis, AI Applications to Power Systems, Power System Economics, Relaying & Protection.

Track C (ELECTRONICS & COMMUNICATION ENGINEERING)

Speech, Image & Signal Processing, Applications of Neural Networks & Fuzzy Logic, Advanced Communication Systems & Applications, Intelligent Sensors & Systems, Advances in Bio Medical Engineering, Power Quality Monitoring, Sources of Harmonics in Power System, Telecommunication Networks, Microwave / Optical Interactions, Microwave Photonics, Smart Antennas, Phased Arrays, Multi-Beam Scanning, Cognitive & Software-Defined Radios, Modelling & Simulation of Electronic Devices, Analog & Mixed Signal Circuit Design, Emerging Trends in VLSI, Nano-electronics, Field-Programmable & Reconfigurable Systems.

Track D (MECHANICAL ENGINEERING)

Recent Trends in IC Engines & Automobiles, Mechatronics & Robotics, Nano-Technology, Rapid Prototyping, Condition Monitoring, Maintenance Engineering, Alternative Fuels, Cryogenics, Fluidization, Computer Aided Design / Computer Aided Manufacturing, Computer Aided Engineering, Finite Element Method, Advances in Refrigeration & Air Conditioning, Advances in Renewable Energy Sources, Energy Audit.