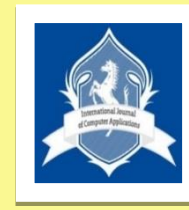
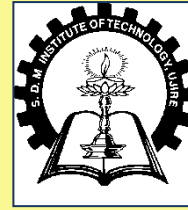
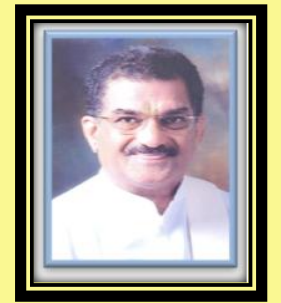




# International Conference on “Recent Trends in Technology” ICRTT – 2018 in Collaboration with IJCA



**18<sup>th</sup> & 19<sup>th</sup> May, 2018**

Organized By

**Department of Information Science & Engineering  
Shri Dharmasthala Manjunatheshwara Institute of  
Technology, Ujire – 574 240, Dakshina Kannada,  
Karnataka, India.**

## Chief Patron:

Dr. D. Veerendra Heggade, President, SDME Society.

## Patrons:

Dr. Karisiddappa, Vice Chancellor, VTU, Belagavi  
Prof. S. Prabhakar, Vice President, SDMES  
Sri. D. Surendra Kumar, Vice President, SDMES  
Sri. D. Harshendra Kumar, Secretary, SDMES  
Dr. B. Yashovarma, Secretary, SDMES  
Dr. H. N. Jagannatha Reddy, Registrar, VTU, Belgavi

## Conference Chair:

Dr. K Suresh, Principal, SDMIT, Ujire.

## Convener:

Dr. Dharmanna L, HOD, ISE

## Conference Co-Chair:

Prof. Sathish Annigeri, Registrar Evaluation VTU Belagavi

Dr. K Manjunath, HOD EEE

Dr. Shriram P Hegde, HOD, ECE

Dr. Girish Kumar, HOD, Mechanical

Dr. Thayagaraju G S, HOD, CSE

Dr. Krishnaprasad P A, HOD, Civil

Dr. Vidya K, HOD, Mathematics

Prof. Udaykumar Malla, HOD, Chemistry

Prof. Avadhut Shivaji Kharat, HOD, Physics

Dr. Rajatha, HOD, Library

## Conference Coordinator:

Prof. Shwetha S V, Dept. of ISE

## Advisory Committee:

Dr. Chidananda Gowda, Former Vice chancellor, Mysuru University.

Dr. H.N. Nagaraj, Pro Chancellor, Graphic Era University, Uttarkhand.

Prof. Vaman B.Gudi, Faculty & Registrar, Cambridge Institute of Technology, Bangalore

Prof. S.R. Mahadeva Prasana, IIT, Guwahati

Prof. Shashidhar Kulagudi, NITK, Surathkal

Prof. S. Basavarajappa, Registrar, IIIT-Dharwad

Dr. Anand V. Shivapur, PG Coordinator, VTU, Belagavi

Prof. Prahlad Rathod, Exam Section Special Officer VTU Belagavi

Dr. N Sanjeev Kumar, Special Officer, VTU, Belagavi

Dr. Santosh. Deshpande, Professor VTU, Belgavi

Dr. Ashok S. Shettar, Vice-chancellor, KLETU, Hubballi

Dr. B.S. Anami, Principal, KLEIT, Hubballi

Dr. T.C. Manjunath, HOD & Prof. DSCE, Bengaluru

Prof. M.M.S. Rauthan, Dean Engg & Technology, HNBBGU, Uttarakhand

Dr. Venugopal K. R. Principal, UVCE, Bengaluru

Dr. Niranjana N. Chiplunkar Principal, NMAMIT, Nitte.

Dr. Shrikant B. Vanakudre, Principal, SDMCET, Dharwad

Dr. U.P. Kulkarni, SDMCET, Dharwad

Dr. S.R. Biradar, SDMCET, Dharwad

Dr. K. S Sridhar, HOD CSE, UBDT, Davanagere

Dr. Basavaraj V. Madiggond, HOD EEE, JCE, Belagavi

Dr. Nagesh H R, HOD-ISE, AJIET, Mangaluru

Dr. Karthik Pai, HOD ISE, NMAMIT Nitte

Dr. Sharmila, HOD, CSE, PACE, Mangaluru

Dr. Pushpa Ravikumar, HOD CSE, AIT Chikmagaluru

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

Dr. Manjunatha Kotari, HOD, CSE AIET Moodabidri

**International Conference on Recent Trends in Technology (ICRTT)** aims to bring together researchers, engineers and practitioners from academia and industry working in all major areas of Information science, Computer science, Electronics & Electrical sciences to exchange their experience.

**The Conference aims to cover following areas, but it is NOT LIMITED to only these:**

## Database Tracks:

- Availability, Reliability, and Scalability
- Benchmarking and Performance Evaluation
- Big Data and Data analytics
- Business Process Modeling
- Database Monitoring and Tuning
- Data Management in Clouds
- Data Processing in Social Networks
- Data Mining and Knowledge Discovery
- Data Warehousing, OLAP, and ETL Tools
- Database Design and Tuning
- DBMS on Emerging Hardware Architectures
- Heterogeneous Databases and Interoperability
- Metadata management and interoperability
- Parallel, Distributed, and Grid Data Management
- Privacy and Security in Trustworthy Databases
- Query Processing and Optimization
- Semantic Web and Knowledge Management
- Systems performance and transaction Management
- Web Information and Services
- XML and Semi-structured Databases
- Security in Wireless Sensor Networks
- Security Protocol
- Key Management Technique
- Message Authentication & Hash Functions
- Digital Signature Schemes
- Secret Sharing
- Security in E-Commerce & M-Commerce
- Watermarking
- Cloud Computing Security
- Database Security
- Data Mining Security
- Opportunistic networks
- Vehicular ad hoc networks (VANET)
- Cognitive radio networks
- Wireless body area networks (WBANs)
- Mobile P2P networking, systems, and applications
- Next generation Internet services and applications
- Wireless sensor networks
- WLANs, WiMAX, satellite, 3G and Beyond

## Computing Tracks:

- Computational Methods and Algorithms
- Green Computing
- Soft Computing
- Parallel Computing
- Grid Computing
- Mobile and Pervasive Computing
- Distributed Computing
- Cloud Computing
- Web and Internet Computing
- High Performance Computing
- Bioinformatics

## Networks & Security:

- Security Algorithms
- Mobile Network Security
- Security in Grid

## IMPORTANT DATES:

Last date for Abstract submission : 31<sup>st</sup> March 2018  
Last date for Full Paper submission : 15<sup>th</sup> April 2018  
Intimation of Acceptance : Within one week of paper submission  
Last date for Registration : 20<sup>th</sup> April 2018  
Submission of Camera Ready Paper and Copy Right Form : 2<sup>nd</sup> May 2018

**Contact Details : Dr. Dharmanna L  
Prof. Shwetha S V**

**:7411145120, 7899453339  
:9663116010**



## Instruction to Authors:

Authors are requested to submit full paper in IJCA format available in the website [www.sdmiticrtt.in](http://www.sdmiticrtt.in). Submitted papers must be original unpublished research and recent developments in the topics related to the conference. Soft copies of paper should be mailed to the id: [sdmiticrtt1@gmail.com](mailto:sdmiticrtt1@gmail.com), [dharmannasdmit@gmail.com](mailto:dharmannasdmit@gmail.com) within the respective scheduled dates.

**Organizing Committee**  
Dr. Jagadeesha S Prof. Deekshith K  
Prof Mahesh Prof. H Manoj T Gadiyar  
Prof Amith K Jain Prof. Raghavendra Patil G E  
Prof Raghuvveer Pandith Prof. Amith K S  
Prof. G. P Hegde Prof. Guruprasad M S  
Prof. Shobha Sharma Prof. Chandrappa S  
Prof. Usha G R Prof. Chintesh R  
Prof. Naveen S Pagad Prof. Somashekar D P  
Prof. Shubhada V P Prof. Vineeth Kumar  
Prof. Basavaraj Patil Prof. Pradeep K A