

Chief Patrons

- Dr. D. Hemachandra Sagar, *Chairman, DSI*
Dr. D. Premachandra Sagar, *Vice Chairman, DSI*
Dr. Karisiddappa, *Vice-Chancellor, VTU*
Ms. Tintisha Sagar, *Member GC, DSCE*
Mr. Rohan Prem Sagar, *Member GC, DSCE*

Patrons

- Sri. Galiswamy, *Secretary, DSI*
Dr. A.S. Deshpande, *Registrar, VTU*
Dr. Satish Annigeri, *Registrar (Eval), VTU*
Dr. C.P.S. Prakash, *Principal, DSCE*

Honorary Chairs

- Dr. H.P. Kincha, *Evangelist, DSU*
Shri. K. Jairaj, *Advisor, DSU*

Organizing Chair & General Secretary

- Dr. A.R. Aswatha, *Dean-Academics, HOD, ETCE, DSCE*

Advisors & Conveners

- Dr. A.R. Aswatha, *Dean-Academics, HOD, ETCE, DSCE*
Dr. P. Usha, *HOD, EEE, DSCE*
Dr. J.S. Rajashekar, *HOD, EIE, DSCE*
Dr. V.G. Sangam, *HOD, MLE, DSCE*
Dr. T.C. Manjunath, *HOD, ECE, DSCE*
Dr. C.M. Joseph, *HOD, Physics, DSCE*

Department Coordinators

- Dr. Vinod Durdi, *Assoc. Prof., ETCE, DSCE*
Dr. Dhanalakshmi R., *Prof., EEE, DSCE*
Dr. J. Satheesh Kumar, *Assoc. Prof., EIE, DSCE*
Prof. Padma C.R., *Asst. Prof., MLE, DSCE*
Dr. Dinesha P., *Professor, ECE, DSCE*
Dr. Aruna P., *Asst. Prof., Physics, DSCE*

National Advisory Committee

- Dr. G. Sadashivappa, *Prof., ETCE, RVCE, Bengaluru*
Dr. A.B. Kalpana, *Assoc. Prof., ECE, BIT, Bengaluru*
Mr. Pradeep Salla, *SIEMENS, Bengaluru*
Dr. C.M. Patil, *Prof. & Head, ECE, VVCE, Mysuru*
Dr. B. Bandyopadhyay, *Prof., IIT Bombay*
Dr. Mahadeva Prasanna, *Prof., IIT Dharwad*
Dr. Shashidhar Koolagudi, *Assoc. Prof., NITK Surathkal*
Dr. Sindhu S., *BITS Pilani*
Dr. K. Shreekrishna Kumar, *MG University, Kottayam.*

National Advisory Committee

- Dr. Anand R., *DGM, OTIS Bangalore, Sr. IEEE Memb.*
Dr. M. Venkata Kirthiga, *Assoc. Prof., EEE, NIT, Trichy*
Dr. N.C. Shivaprakash, *Dept. of Instrumentation, I.I.Sc.*
Dr. N. Sivakumaran, *Dept. of Instru., NIT, Trichy*
Dr. K. Vijayalakshmi, *Dept. of Medical Electronics, BMSCE*
Mr. T.C.L. Narayana, *Medtronics.*
Mr. Lingadevaru T.S., *Western Digital Corporation*

International Advisory Committee

- Dr. Praveen N., *ECE, IBRA College of Tech., OMAN*
Ms. Sindhura Rajgopal, *Fidelity Information Services, Global-Senior Consultant, Florida, USA*
Dr. Chitra Javali, *Institute for Infocomm Research, A*STAR, Singapore*
Dr. Girish Revadigar, *Huawei Int. Pvt. Ltd., Singapore*
Dr. K.P. Jayachandran, *Univ. of Lisbon, Portugal*
Dr. K. Kudo, *Chiba University, Japan.*
Dr. Ranjit Singh Sarban Singh, *Electrical and Computer Engineering, Universiti Teknikal, Malaysia*
Dr. Xavier Fernando, *Electrical and Computer Engineering, Ryerson University, Toronto, Canada*
Mr. Bhaskar Chikkanna, *Intelligent Ultrasound Ltd., UK*

Organizing Committee (Technical)

- Dr. K.L. Sudha., *Prof., PGC-DEC, ECE, DSCE*
Dr. Kiran Gupta., *Prof. PGC-VLSI, ECE, DSCE*
Dr. Roopa M., *Prof., ECE, DSCE*
Dr. Pushpalatha K.N., *Assoc. Prof., ECE, DSCE*
Dr. Vidya C., *Asst. Prof., Physics, DSCE*
Dr. Naveen S.M., *Asst. Prof., Physics, DSCE*
Dr. Priya A. Hoskeri, *Asst. Prof., Physics, DSCE*
Dr. T.M. Rajkumar, *Assoc. Professor, Physics, DSCE*
Dr. Sayed Abdulhayan, *Assoc. Prof., ETCE, DSCE*
Dr. Ganashree T.S., *Assoc. Prof., ETCE, DSCE*
Dr. Smita Sasi, *Assoc. Prof., ETCE, DSCE*
Dr. Srividya B.V., *Assoc. Prof., ETCE, DSCE*
Dr. Harsha Anantwar, *Assoc. Prof., EEE, DSCE*
Dr. Savitha P B, *Assoc. Prof., EEE, DSCE*
Dr. A.M. Nagaraj, *Assoc. Prof., EEE, DSCE*
Prof. Shubha Kulkarni, *Asst. Prof., EEE., DSCE*
Prof. Sushrutha Bharadwaj, *Asst. Prof., MLE, DSCE*
Prof. Hema Priyadarshini, *Asst. Prof., MLE, DSCE*
Prof. Pushpalatha B.G., *Asst. Prof., MLE, DSCE*
Prof. Sahana M. Kulkarni, *Asst. Prof., MLE, DSCE*
Dr. V.S. Krushnasamy, *Assoc. Prof., EIE, DSCE*
Dr. Meharunnisa S.P., *Assoc. Prof., EIE, DSCE*
Prof. Krishna Mohan V.S.S., *Asst. Prof., EIE, DSCE*
Prof. Silpa Ajith Kumar, *Asst. Prof., EIE, DSCE*



DAYANANDA SAGAR COLLEGE OF ENGINEERING BANGALORE-78, KARNATAKA

(An Autonomous Institution affiliated to VTU Belagavi & approved by AICTE)
NAAC Accredited with 'A' Grade, NIRF Rated,
Accredited by NBA & ISO 9001 : 2015 Certified

International Conference (Online)

On

Recent Trends in Electrical, Electronics,
Telecommunications, Instrumentation
Engg., Medical Electronics & Physics
(IC RTEETIMP-2020)

On-line Paper Presentation

7 - 9 December 2020

Jointly Organized by Circuit Branches

Dept. of Electrical & Electronics Engg.
Dept. of Electronics & Communication Engg.
Dept. of Electronics & Telecommunication Engg.
Dept. of Electronics & Instrumentation Engg.
Dept. of Medical Electronics Engg.
Dept. of Physics

↓ Venue ↓

On-Line Platform

Address for Communication

Main Contact Person : Dr. Dinesha 99004 83483

Email id & Mobile Numbers

icrteetimp-2020@dayanandasagar.edu

EEE - 99806 85024 ECE -99004 83483 ETCE - 99001 00605
EIE - 90033 68217 MLE -98868 81135 Physics - 91089 80300

International Online Conference

On

Recent Trends in Electrical, Electronics,
Telecommunications, Instrumentation Engg.,
Medical Electronics & Physics
(IC RTEETIMP-2020)

On-line Paper Presentation

7 – 9 December 2020

Paper Presentation in On-Line Virtual Mode

Registration Form

Name of the Participant / Delegate :

Designation : Student / Staff / Research Scholar / Industry / R & D

Qualification : _____ USN : _____

Address : _____

Email Id : _____

Phone : _____

Registration Fee Details (by DD or by NEFT/RTGS):

DD No : _____ Bank : _____

Date : _____ Place : _____

Branch : _____ Amount : _____

DD to be drawn in the favour of "Principal, Dayananda Sagar College of Engineering, Bangalore-78", Payable at Bangalore.

NEFT Details :

Account name : Dayananda Sagar College of Engineering
Account No. : 74370100007399

IFSC code : BARB0VJDASC (fifth character is zero)

Bank : Bank of Baroda,

Branch : Kumaraswamy Layout, Dayananda Sagar College of Engg. Campus, Bangalore-560078

(specify name, mobile, email id & conference id on the back of DD & send to the college address - main contact person)

Note : Participants to send the UTR no. along with names & the bank name from where they have made the payment

Signature of
participant

Sign/Seal of the
HOD / Principal

Conference Objective :

The International On-line Virtual Conference is aimed to address state-of-the-art of multidisciplinary research needs & inter disciplinary aspects of the circuit branches of EEE, ECE, ETCE, EIE, MLE & Physics in the form of research papers from Industry, Faculty, PhD, PG, UG students from different colleges along with keynote lectures and a number of invited talks from reputed speakers.

Topics of interest for submission include, the following themes, but are not limited to

- Semiconductors and Devices, Condensed Matter Physics, Thin Films, Nanostructures, Electro Magnetic field Simulation & other related topics in Physics.
- Digital transformation in real world application, IIoT and Smart manufacturing, Robotics & Automation, Embedded System and applications, Smart & Intelligent waste management system, Smart sensors, MEMS & NEMS, Factory Automation, Advanced process control System, RFID & Sensor network, Data fusion modelling & applications
- AI & Robotics in healthcare, Biosignal acquisition & processing, Medical imaging, Wearable & affordable healthcare devices, Recent trends in diagnosis & prognosis.
- Machine Learning and Data analytics in Smart Grid, Energy Storage Systems for Sustainable Technologies, Power Electronics in Electric Vehicles & Electric Drivess; Control, Communication and Monitoring of Smart Grid, Energy Management with Smart Devices, Pandemic Challenges - impact on Power Sector,
- Multimedia signal processing, MIMO Technology, IoT & cloud computing, 5G, Space data communication, E-health, Optical networks, Navigation systems, Network & information security, Cognitive radio & networks, ML, AI, Embeded computing systems, Data Science.
- Signal & Image Processing, Computer Vision, SDR, VLSI Design & Embedded System, Control Engg., CCN, Cryptography, Coding Theory, PLC, μ C, Analog & Digital Electronics & other related topics in Electrical Sciences & Physics.

Call for research papers :

The Academicians, Scientists, Researchers, Industry people, PhD, PG (M.Tech), UG (BE) students are invited to submit research papers on any of the themes mentioned above. Authors should send the full-length paper to organizing committee on or before 10/11/2020. Once the paper is accepted on 15/11/2020, authors have to send the revised paper with revisions in IEEE format on or before 20/11/2020 with last date of registration being 30/11/2020. **Selected & presented papers will be published in a UGC-CARE journal / Scopus Indexed Journals after peer review with publication charges (publication fees will be extra). Further, publishing/partnering Journals will be updated in the Conference website**, e-participation certificates & e-proceedings will be issued upon presenting paper in on-line mode.

E-Mail id : icrteetimp-2020@dayanandasagar.edu

Delegate Registration Fees (Last Date : 30/11/2020)

International Delegates : 25 USD

National Delegates (R & D/Industries/Academia) : Rs. 250/-

National Delegates (Students / Research Scholars) : Rs. 100/-

About DSCE :

Dayananda Sagar College of Engineering (DSCE) is an Autonomous Institute approved by All India Council for Technical Education (AICTE), Govt. of India and affiliated to Visvesvaraya Technological University (VTU). It has widest choice of engineering branches having 15 Under Graduate programs & 13 Post Graduate programs. In addition, it has 20 Research Centers in various branches of Engineering catering to research scholars for obtaining Ph.D. under VTU. All the UG programs are accredited by NBA. DSCE is accredited by NAAC with 'A' grade. The Institute is spread over twenty-nine acres of land with large infrastructure supported by laboratories with State-Of-The-Art, Equipment & Machines. The Central Library with modern facilities and the Digital Library provides the knowledge base for the students. The campus Wi-Fi is equipped with large bandwidth internet facility. The College has good faculty strength with highest professional integrity and committed to the academics with transparency in their actions. The faculty members are research oriented having number of sponsored R & D projects from different agencies such as Department of Science & Technology, Defense Research & Development Organization (DRDO), Indian Space Research Organization (ISRO) and AICTE.

Organizing Departments :

The on-line international conference IC RTEETIMP-2020 is going to be conducted in the virtual mode by Circuit Branches (EEE, ECE, ETCE, EIE, MLE) along with Physics department & their professional society chapters. All departments have got well equipped labs & VTU R & D Centres, M.Tech. programmes, signed a number of MOUs, running funded projects from various funding agencies. The departments have got qualified, trained & dedicated faculty having rich experience from Research & Industrial background.

Vision : To impart quality technical education with a focus on Research & Innovation emphasising on Development of Sustainable & Inclusive Technology for the benefit of society.

Mission :

- To provide an environment that enhances creativity and Innovation in pursuit of Excellence.
- To nurture teamwork in order to transform individuals as responsible leaders and entrepreneurs.
- To train the students to the changing technical scenario and make them to understand the importance of Sustainable and Inclusive technologies.