

ABOUT THE COLLEGE

K.S.R College of Engineering was established in the year 2001 by Aarthi Educational and Charitable trust, approved by AICTE, New Delhi and affiliated to Anna University Chennai is an ISO 9001-2008 (E) certified and NBA accredited institution. The institution is conferred with the autonomous status by UGC & Anna University, Chennai in the year 2011. Our college offers 7 UG and 13 PG Programs in Engineering Technology and Management. The college has completed fifteen years of dedicated service in the field of technical education with an avowed mission to mould students, technologies and managers, by diligently imparting the best of technical education, nurturing human values and quality as well as to foster and maintain mutually beneficial partnership with industry through knowledge sharing, collaborative research and innovation.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 2005 with an intake of 60 students. The department is having qualified and experienced faculty to cultivate and enhance the knowledge of the student community. The department is continuously striving to impart knowledge through practical exposure. Skill development trainings and industrial visits are regular features of the academics. The department aims at developing intellectually alert, scientifically progressive, globally competent and dynamic young IT professionals. The students are transformed into technically qualified & employable human resources for the development of society.

ABOUT THE VIRTUAL CONFERENCE

The event gives a platform for knowledge dissemination and understanding in-recent advancement in engineering, technology, and management towards design, development, and deployment of a product. The knowledge of design, manufacturing and processing of material, as well as the simulation helps in product realization. by employing suitable processing and manufacturing.

NATIONAL ADVISORY COMMITTEE

Dr. V. Ananthakrishnan, NIT Trichy
Dr. C. Senthilkumar, University campus of Punrudi
Dr. R. Gopalakrishnan, Principal, KSRCT, Namakkal, Tamilnadu, India.
Dr. R. Magudieshwaran, Principal, KSRPC, Namakkal, Tamilnadu, India.
Dr. P. Kulandaivelu ,Principal, KSRIT, Namakkal, Tamilnadu
Dr. V. Radhakrishnan, ,Principal, KSRCAS, Namakkal, Tamilnadu
Dr. M. Karthikeyan, ,Principal, KSRCASW, Namakkal, Tamilnadu
Dr. T. Palanisamy, Assistant Professor, NIT, Warangal, Telangana, India.
Dr. S. Saravanan, Associate Professor, KRCT, Trichy

CONFERENCE ORGANIZING COMMITTEE

Dr. G. Nallakumarasamy - Publicity Chair
Dr. P. Dhiravidamani - Program & Publication Chair
Dr. T. Sureshkumar - Virtual Presentation chair
Dr. M. Bhuvaneshwaran - Virtual Presentation chair
Mr. P. Rajendran - Program & Publication Chair
Mr. K. Venkateshwaran - Proceeding and E-mail
Mr. C. Senthilkumar - Publicity Chair
Mr. P. Saravanan - Publicity Chair
Mr. C.M. Dinesh - Proceeding and E-mail
Mr. K. Chandrasekaran - Proceeding and E-mail
Mr. J. Venkatesh - Payment & Registration
Mr. P. Jagadeesh- Proceeding and E-mail
Mr. K. Perumal - Virtual Presentation chair
Mr. M. Anbalakan - Payment & Registration
Mr. P. K. Sriraman - Payment & Registration
Mr. T. Kandasamy - Program & Publication Chair
Mr. S. Durai - Payment & Registration
Mr. S. Elankathir - Publicity Chair
Mr. R. Barathkumar - Proceeding and E-mail
Mr. K. Manogar - Publicity Chair
Mr. S. P. Gowtham - Publicity Chair

BROAD AREAS

Materials for new product development:

Characterization of Bulk & Micro,
Nano and Smart Materials,
Characterization of Metal and Ceramic Matrix,
Synthesis of Polymeric Composites,
Wear, Tribology and NDT
Virtual reality technology in PDD and manufacturing
Virtual reality physical modeling,
Virtual behavior and management techniques

Product Definition, Modeling and Simulation:

CAD/Geometric Modeling, Requirements Engineering,
Conceptual Design,
Simulation Based Engineering,
Finite element analysis,
Computer Aided Engineering,
Multidisciplinary and Optimization,
Smart materials

Automation and control:

Human-robot /Robot-robot collaboration and Robot motion control.
Robotics, Mechatronics,
Cloud-based automation,
Cyber physical production systems and Industry 4.0,
Automated fault detection
Product maintenance using virtual reality,
Fixture/jig analysis using virtual reality,

Design Engineering:

Combustion modeling and simulation, Aerospace systems and technology,
Optimization of Systems,
Virtual reality and augmented reality,
CAD/CAM/CAE/CIM,
Rapid Prototyping,
Nano composites and micro mechanics,
Noise analysis and Machine design.

KEYNOTE SPEAKERS



Dr. Sankar Sekar
Dongguk University



Dr. V. Dhinakaran
Chennai Institute of
Technology



Dr. V. Preethi
Hindustan University

Registration Fee Indian Authors:

Category I: Rs. 500/- per paper (E-Certificate to all the authors in the paper) Additional Charges will be applicable for Scopus indexed Publications

Foreign Delegates:

Category I : \$10 per paper (E-Certificate to all the authors in the paper) Additional Charges will be applicable for Scopus indexed Publications.

Paper Submission link:

CHIEF PATRONS

Lion. Dr. K.S.Rangasamy MJF
Founder & Chairman,

Thiru . R.Srinivasan
Vice-Chairman,

PATRONS

Dr. P. Senthilkumar
Principal & Professor
K.S.R. College of Engineering

CONVENOR:

Dr. S. Magibalan, Assistant Professor, Dept. of
Mechanical Engineering
Dr.A.V.Balan, Professor, Dept. of Mechanical
Engineering

Important Dates:

Submission of Abstract	: 01 July 2021
Intimation of Selected paper	: 19 Sept 2021
Last date for Registration	: 20-21 Sept 2021
Last Date for Full paper	: 22-23 Sept 2021

CONTACT US

The Principal,
K.S.R. College of Engineering
K.S.R. Kalvi nagar,
Tiruchengode-637215, Namakkal (D.T), Tamilnadu,
India.

Mail ID:

mechicsm2021@gmail.com

Enquiry:

Dr. A. V. Balan : 9842397730
Mr. S. P. Sankar : 9994718682

ICSM 2K21

INTERNATIONAL VIRTUAL CONFERENCE ON SUSTAINABLE MATERIALS

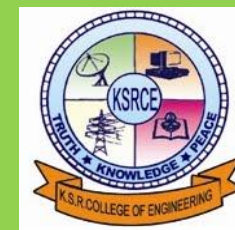
ON 24-25 SEPTEMBER 2021

Organized by

**Department of Mechanical
Engineering**

**K.S.R. College of Engineering
(Autonomous)**

Approved by AICTE & Affiliated to
Anna University Chennai, Accredited
by NAAC with "A" Grade,
Tiruchengode – 637 215
Phone No: 04288-274213



URL : www.ksrce.ac.in