



DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE

(Approved by AICTE and Affiliated to Anna University, Chennai)

Accredited with 'A' Grade by NAAC

PERAMBALUR - 621 212. TAMIL NADU

STD - 04328
220333, 220444

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DEPARTMENT OF MECHANICAL ENGINEERING

National Conference on Recent Trends in Mechanical and Manufacturing 2018-Report

Name of the programme : National Conference on Recent Trends in Mechanical and Manufacturing 2018

Date : 26.03.18

The national conference on “**RECENT TRENDS IN MECHANICAL AND MANUFACTURING-2018**” was organized by the Department of **Mechanical Engineering** at DSEC, Perambalur.

NCRTMM'18 is organized with the objective of bringing together Researchers, Developers and practitioners from academia and industry working in all areas of Mechanical Engineering. The conference is indented for PG Students, Research scholars, industry peoples and faculties. It also makes a way for converging various technologies to offer solutions to Industrial problems.

A total of about 57 technical papers were received from post graduate students, faculty members and Research scholars covering a wide spectrum of areas like Lean Manufacturing, Composite Material, Robotics and Automation, Nano Technology, Corrosion Energy, Advance in Automobile Engineering, Renewable Energy Technology, Computational and Fluid Dynamics, Air Conditioning and Refrigeration, Supply Chain Management .

These papers were peer reviewed by scrutinizing committee members and about 31 papers have been selected for presentation. This volume is a record of current research in the field of Lean Manufacturing, Composite Material, Robotics and Automation, Nano Technology, Corrosion Energy, Advance in Automobile Engineering, Renewable Energy Technology, Computational and Fluid Dynamics, Air Conditioning and Refrigeration, Supply Chain Management.

Dr.S.Durairaj, Principal delivered special address, he insisted the advantages of an innovative ideas in Mechanical Engineering and the need for knowledge dissemination and motivated the students to gain more knowledge.

Shri.A.Srinivasan, Founder and Chairman felicitated the gathering.

Prof.J.Preamalatha Dean (Academics) DSEC and Principal of Dhanalakshmi Srinivasan College of Engineering Dr. K.Velmurugan and Principal in charge of Srinivasan Engineering College Dr.V.SelvaKumar were presided the function.

Prof. S.Suthagar welcomed the gathering and the conference overview was given by Prof. R.Ananthan. The chief guest introduction was given by Dr.M.Chellappan. The conference proceeding was released by the chief Guest Dr. K.Srithar received by the Chairman, Principal, Dean and it is distributed among the dignitaries.

The chief guest. **Dr. K.SRITHAR**, Professor, Department of Mechanical Engineering, Thiagarajar College of Engineering, and Madurai inaugurated the conference and delivered the keynote address. He had a brief discussion about the Research Opportunities in Desalination with the students and motivated the students to convert their young mind to become an entrepreneur and to do service to the country.

The session of NCRTMM 2018 was chaired by Dr.M.Thilak, Prof.M.Annadurai and Prof.S.Anbu, 31 papers have been presented which includes the following areas: Lean Manufacturing, Composite Material, Robotics and Automation, Nano Technology, Corrosion Energy, Advance in Automobile Engineering, Renewable Energy Technology, Computational and Fluid Dynamics, Air Conditioning and Refrigeration Supply Chain Management.

At the end conference summary was given by Prof.V.Gopala Krishnan and vote of thanks delivered by Mr.D.Venkatesh and finally the conference was concluded by national anthem.

Reception



Lighting of Kuthuvilakku



Honoring the Chief Guest





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Welcome Speech by Organizing Chair



Special address by Principal



Overview of Conference by Organizing Secretary



Chief Guest Introduction By Secretary Organizing



Inaugural Address by Chief Guest



Invited Talk



Special Talk to First Year Students





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Distribution of Certificates by Session Guests



Conference Summary by Organizing Secretatory

