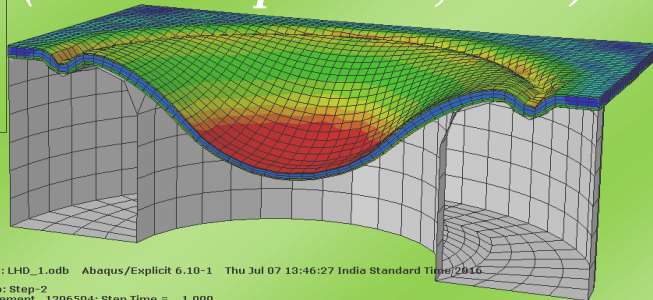
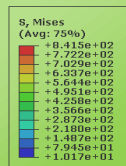


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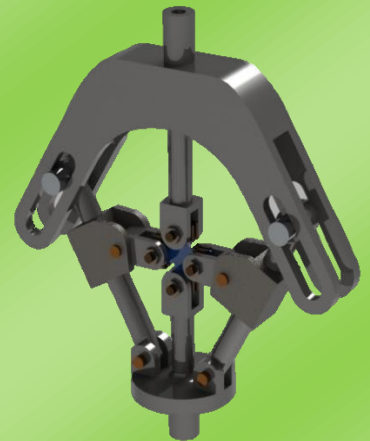
## RAME~2020



*75 years of excellence*  
**2<sup>nd</sup> INTERNATIONAL CONFERENCE**  
on  
**RECENT ADVANCES**  
in  
**MECHANICAL ENGINEERING**  
*(18-19<sup>th</sup> September, 2020)*



ODB: LHD\_1.odb Abaqus/Explicit 6.10-1 Thu Jul 07 13:46:27 India Standard Time 2016  
Step: Step-2  
Increment 1206504: Step Time = 1.000  
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Deformed Var: U Deformation Scale Factor: +1.000e+00



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**Organized by**

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**And**

**Centre for Energy and Environment**

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# About Delhi Technological University

**"More than 75 years of Tradition of excellence in Engineering & Technology Education, Research and Innovations", Delhi College of Engineering, initially established with the name – Delhi Polytechnic.** The institution was set up at historic Kashmere Gate campus as a follow up of the Wood and Abott Committee of 1938. The Institute came into existence in the year 1941 to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. The national diploma awarded by the institution was recognized as equivalent to degree level for the purposes of employment. In 1952 the college was affiliated with University of Delhi and called as Delhi College of Engineering. The department of Architecture later became the School of Planning and Architecture, now a Deemed University and Institution of National importance. The department of Arts and Sculpture became College of Arts and the departments of Chemical Technology and Textile Technology were shifted out en-block to mark beginning of the IIT Delhi.

The erstwhile DCE functioned from its historic Kashmere Gate Campus for almost 55 years and has shifted in 1996 to its lush green sprawling campus of 164 Acres at Bawana Road, adjoining Sector-17, Rohini, Delhi-42. Its shifting to new campus has added the dimension of research and caused innovations in plenty, which has received high national and international acclaim. DCE was given the status of University (DTU) in the year 2009. As Delhi Technological University it has the desired autonomy to excel and shape itself as a world class Technological University.

## The Department of Mechanical Engineering

The Department of Mechanical Engineering, Automobile Engineering and Production & Industrial Engineering has seen considerable growth since its inception in 1941. The department offers UG programme in Mechanical, Production & Industrial Engineering and Automobile Engineering and PG programmes on Thermal Engineering, Production Engineering, Renewable Energy Technology and Computational Design.

About 200 research Scholars are presently pursuing their Ph.D. research work. The department possesses modern laboratories equipped with latest experimental set-ups, and research facilities for instrumentation, experimental stress analysis, strength of materials, fluid mechanics, IC engines, Automotive Engineering, Robotics, Heat Transfer, Solar Energy, Flexible Manufacturing System, Computational Fluid Dynamics supported by Software like View-Flex, CAD-CAM, etc.

The Department has small to medium capacity state of art bio-diesel processing units. Different species of non-edible oil such as linseed, Thumba, Jatrophs, cottonseed, waste cooking oil etc. and high FFA oils such as rice bran, Neem, Mahua etc. have been successfully converted into bio diesel.



## CALL FOR PAPERS

All Submissions will be reviewed and evaluated based on originality, technical research and relevance to conference contributions. The accepted full-length research article will be published in **Two Volumes of Lecture Notes in Mechanical Engineering**

Volume - I • Thermal Engineering & Energy Science and Engineering

Volume - II • Product Design and Development & Industrial and Production Engineering

**in Springer (Scopus Indexed)** provided, the articles conform to our publishing criteria and meet quality standards. In addition to the above any other topic relevant to theme of the conference shall be welcomed.

Conference presentation: 18<sup>th</sup>-19<sup>th</sup> September, 2020. Final draft of the proceedings shall be completed by about June 30<sup>th</sup> 2020.

Those who will be unable to present in person shall be given the option for online presentation. and certificates will be distributed to the conference participants & contributors during the conference. Papers must be submitted strictly in the RAME-2020 Springer paper template.

## PARTICIPATIONS

The main objective of RAME-2020 is to provide an opportunity for leading academicians, engineers, scientists, researchers, industrial professionals and students from around the world to network and have scientific discussions on the latest developments in the fields of Mechanical engineering. It shall provide a platform for communication among them on a wide variety of scientific areas with a common interest in nurturing the recent advances in Mechanical Engineering.

The conference is expected to have participation of about 150 papers from 500 authors and about 600 delegates are expected to attend the conference. We plan to hold two plenary sessions and 15 (5×3) parallel technical paper/poster presentation sessions. Certificates shall be distributed at the end of each session. About 50 specially invited speakers/delegates shall also take part in the conference. On the first day evening there shall be a cultural night followed by the conference dinner. There shall be a special session for the undergraduate students also, which shall offer an opportunity to the budding engineers/innovators to showcase their talent.

### REGISTRATION FEES\*

Categories	International	Indian
(A) Practitioner/Industrialists	USD 250/-	*INR 10,000/-
(B) Academician	USD 200/-	*INR 6000/-
(C) Student/Co-Authors/Attendees	USD 150/-	*INR 4000/-

\*Plus GST as per applicable rules.

**S** : Prof. Yogesh Singh is the Vice Chancellor of Delhi Technological University. He is a member of National Assessment and Accreditation Council (NAAC). He is also an independent director of GSPL. He has worked as Chairman, Central Regional Committee, AICTE, Bhopal. He is listed as the third best amongst the most productive Indian authors for participating in Software Engineering Research.



## **IMPORTANT DATES**

**Submission deadline for Full Length Papers (Max. 10 Pages):**

**Revised to 20<sup>th</sup> May, 2020**

**Acceptance notification: Revised to 30<sup>th</sup> May, 2020**

## **FOR FURTHER INFORMATION**

**Institute Website:** <http://dtu.ac.in/> **Conference website:** [www.ramedtu.in](http://www.ramedtu.in)

**For paper submission (In the desired template)**

<https://easychair.org/my/conference?conf=rame2020#>

**E-mail:** [ramedtu@gmail.com](mailto:ramedtu@gmail.com)

**Mob:** +919868543545, +919425680448