



**K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU-560109**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**National /International Conference Publications**

<b>Sl.No.</b>	<b>Year of Publication</b>	<b>No. of Publications</b>	<b>Cumulative count</b>
1	2010	1	1
2	2011	1	2
3	2012	1	3
4	2013	5	8
5	2014	1	9
6	2015	1	10
7	2016	2	12
8	2017	0	12
9	2018	5	17
10	2019	3	20
11	2020	0	20
12	2021	0	20
13	2022	3	23
14	2023	1	24
15	2024	3	27



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**International Conference Publications**

**2010- International Conference Publication**

- 1 **S. N. Sridhara**, et.al *“Effect of Aspect Ratio and Thermal Boundary Conditions on Natural Convection in Cavities”*, Proc. of the 37<sup>th</sup> National and 4<sup>th</sup> International Conference on Fluid Mechanics and Fluid Power, FMFP 2010, IIT Madras, Chennai, December 16-18, 2010

**2011- International Conference Publication**

- 2 **Krishnamurthy K.N** et.al., *“Performance Analysis of a Flat Plate collector and a Vacuum Tube Solar Collector for Hard Water using a Jacket Type Heat Exchanger”*, International Conference on Renewable Energy (ICRE 2011). Organized by Centre for Non-Conventional Energy Resources University of Rajasthan, Jaipur, India January 17 – 21, 2011.

**2012- International Conference Publication**

- 3 **Yuvaraja Naik**, *“Investigation of the structure and Mechanical properties of Friction stir welded Aluminium Alloy”* - Advancement & Futuristic Trends in Mechanical and Material Engineering “organized by Punjab Technical University, 5th to 7th October 2012

**2013- International Conference Publication**

- 4 **Charitha.M. Rao** et.al *“Studies on the effect of cutting conditions on surface finish in diamond turning process”*, International Conference Organized by DSCE, Bangalore, October (2013).
- 5 **Krishnamurthy, Akashdeep B.N**, Shashi Shekar K S, *“Performance Analysis of a Flat Plate collector and a Vacuum Tube Solar Collector for Hard Water using a Jacket Type Heat Exchanger”*, International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences (AMMMT 2013), Siddaganga Institute of Technology, Tumkur, Karnataka, India, May 3rd and 4th, 2013
- 6 **P.N. Jyothi, A Shailesh Rao**, et.al, *“Influence of Refiner Aluminium Titanium Boride on the ZA alloys Processed through Centrifugal Casting”* ASME 2013 International Mechanical Engineering Congress and Exposition, IMECE2013, November 15-21, 2013, San Diego, California, USA.
- 7 **Yuvaraja Naik**, *“Characterization of Aluminium Alloy-5083 weldment using GTAW and GMAW”*, Advancement & Futuristic Trends in Mechanical and Material Engineering organized by Punjab Technical University Titled”, 3rd to 6th October 2013.
- 8 **S. N. Sridhara**, et.al, *“Thermal Network Model for Device in Flat Heat Pipe Assisted Heat Sink”*, 17th International Heat Pipe Conference, IHPC-17, October 13th -17th 2013, Kanpur

### 2014- International Conference Publication

- 9 **Shailesh Rao, Jyothi P N**, et.al., "*Processing of ZA-27 Based MMC Reinforced with Al<sub>2</sub>O<sub>3</sub> by Centrifugal Casting*", Int.Conf on AMRE 2014, Zurich, Switzerland, October 25-26, 2014

### 2015- International Conference Publication

- 10 **Shivanand**, "*Effect of stain rate on fracture toughness of HEMP fiber composites*", International conference on engineering, science, management and advances in research technology (ICESMART-15)", T John Institute of technology, Bengaluru, India, 29th and 30th April, 2015

### 2016- International Conference Publication

- 11 **P.N. Jyothi**, et al, "*Influence of non-edible vegetable-based oil as cutting fluid on chip, surface roughness and cutting force during Drilling operation of Mild Steel*", Advances in Materials and Manufacturing Applications (IConAMMA 2016)", Amrita Vishwa Vidyapeetham University, Bangalore 14th - 16th July, 2016
- 12 **P.N. Jyothi**, et al, "*Performance evaluation of NEEM oil and HONGE Oil as cutting fluid in Drilling operation of mild steel*", International Conference on Innovative and Smart Materials- ICISM 2016, Singapore Dec 26-28,2016

### 2018- International Conference Publication

- 13 **Sridhara S N**, et al, "*Startup Transient Characteristics of Helical Grooved Flat Heat Pipe*", International Conference on *Applied Engineering Sciences and Management*, K S School of Engineering and Management, Bangalore,12th Oct 2018
- 14 **P N Jyothi**, et al, "*Effect of Vegetable Based Cutting Fluids on Chip Formation and Surface Roughness During Turning Operation of Mild Steel*", International Conference on Applied Engineering Sciences and Management, K S School of Engineering and Management, Bangalore,12th Oct 2018
- 15 **Alam Radhika**, et al, "*Experimental Studies on Cutting Parameters During Turning of Aluminium 6082-T6 Alloy Using Non-Edible Oils as Cutting Fluid*", International Conference on Applied Engineering Sciences and Management, K S School of Engineering and Management, Bangalore,12th Oct 2018

- 16 **Sridhara S N**, et al, “*Combustion Characteristics in a Can Combustor Fueled with Surrogates of Gasoline and Jet-A using Numerical Methods*”, International Conference on Applied Engineering Sciences and Management, K S School of Engineering and Management, Bangalore, 12th Oct 2018

- 17 **Sridhara S N**, et al, “*Performance and Emission Characteristics of IC Engine Using Modified Coated Piston Head*”, International Conference on Applied Engineering Sciences and Management, K S School of Engineering and Management, Bangalore, 12th Oct 2018

#### **2019- International Conference Publication**

- 18 **Abhishek M R** et al. “*An investigation on dynamic Mechanical Properties of Hybrid Composite materials*”, International Conference on Advanced trends in Mechanical and Aerospace Engineering, Dayananda sagar university, Bangalore, 7th -9th Nov. 2019.

- 19 **Nishanth Nag**, “*Performance Emission and Combustion Characteristics of Garcinia Gummi Gutta fueled in Di Diesel Engine with different Bio-Diesels Blends*”, 1<sup>st</sup> International Conference on Emerging Trends in Engineering, Innovative Science and Management (ICETEISM-2019), East West Institute of Technology, Bangalore, 18<sup>th</sup> May 2019

- 20 **Nishanth Nag, Akashdeep BN**, et.al, “*Experimental Analysis of Heat Transfer Using Fly Ash-Water Based Nano fluid in Double Pipe Heat Exchanger with Perforated Disk Inserts*”, CSIR 3<sup>rd</sup> International Conference on Recent Research Emerging Trends in Materials & Mechanical Engineering (ICRRETMME -2019), Reva University, Bangalore, 12<sup>th</sup> & 13<sup>th</sup> July 2019.

#### **2022- International Conference Publication**

- 23 **P.N. Jyothi** et al, “*Influence of Nano graphite based Vegetable oils as Cutting Fluids for Mild Steel Drilling*”, International Conference on Recent Trends in Mechanical Engineering (ICRTIME2022), Government Engineering College, 14th and 15th of March, 2022

- 22 **Abhishek M R & B Balaji**, “*Variation of Tensile, Hardness, Impact and Natural Frequency in Jute/E-Glass Epoxy Composite For Varying Fiber Loading and Addition of Shear Thickening Fluid*”, International Conference on Recent Trends in Mechanical Engineering (ICRTIME2022), Government Engineering College, 14th and 15th of March, 2022

- 23 **Ramanarasimha K**, et al, “*Experimental Studies on Oscillating Heat Pipe using conventional and Nano Fluids*”, International Conference on Recent Trends in Mechanical Engineering (ICRTIME2022), Government Engineering College, 14th and 15th of March, 2022

#### **2023- International Conference Publication**

- 24 **Akashdeep B.N**, “*Experimental Investigation on Concentric tube Heat exchanger with Perforated Disk inserts using MWCNT-Water based Nanofluid*”, International Conference on Recent Developments in Mechanical Engineering”, (ICRDME-2023) organized by Siddaganga

Institute of Technology, Tumakuru, Karnataka, India."

#### **2024- International Conference Publication**

- 25 P N Jyothi**, "*Solar Powered water purification using Moringa as natural Coagulant*", Advances in Environmental Sustainability, Energy and Earth Science: Proceedings of the 1st International Conference AESEE-2024, 14-15th March 2024
- 26 Harisha P** , "*Optimization of high yield Biodiesel Production from Calophyllum inophyllum (Surahonne) using Alkaline Catalyst*",Advances in Environmental Sustainability, Energy and Earth Science: Proceedings of the 1st International Conference AESEE-2024,14-15th March 2024
- 27 P N Jyothi**, "*A Comprehensive Review on Renewable Materials Used in Textile Industry Effluent Treatment*", Fifth International Conference on Recent Advances in Engineering Sciences (ICFRAES-2024) on 14th -15th Nov 2024 at MSRIT, Bangalore