HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE

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**Details of National / International journal Published by the faculty**

**Dept. of Mechanical Engineering A.Y.: 2019 to November 2020**

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| **S. No.** | **Name of the Faculty with Designation** | **Title of the Paper& Page No. (from \_ to\_)** | **Volume No.****Issue No. & ISSN/ISBN No.** | **Name of the Journal** | **Year and Month of the Journal** | **Scopus Indexed (yes/no)** | **Journal type** | **Paper enclosed****Soft & Hard Copy****(Yes or No)** |
| **National** | **International** |
| 1. | Dr. R. JothimuruganProfessor | 1.Enhancing performance measures in Electrical discharge Machiningof Monel 400TM using Pennzoil Platinum Oil - Servotherm | Volume: 04 Issue: 05 ISSN: 2582-3930 | International Journal of Scientific Research in Engineering and Management (IJSREM) | May -2020 | No | --- | Int | Yes |
| 2. | 1.Dr.V.Suresh,Professor2.Mr. A.Daniel Praneet,Assistant Professor3.Mr. J.Anoop,Assistant Professor | Ingenious analysis on machining parameters of aluminium alloy(LM25)/graphite (Gr)/ boron carbide (B4C) hybrid composites using wire electrical discharge machining (WEDM) | ISSN: 2214-7853 | Materials Today Proceedings (Elsevier) | September 2020 | Yes | --- | Int | Yes |
| 3. | 1.Mallesh JakanurAssistant Professor2.RohanAssistant Professor3.Manjunath VBAssistant Professor4.Sangamesh HerakalAssistant Professor | 2.Design and Thermal Analysis of Disc Brake InAutomobiles | Volume 6 Issue 5 – MAY 2020 ISSN [ONLINE]: 2395-1052 | International Journal for Science and Advance Research In Technology | May -2020 | No | --- | Int | Yes |
| 4. | 1.Manjunath VBAssistant Professor2. Adesh BillAssistant Professor3.Mallesh JakanurAssistant Professor | 3.Thermoelectric Generation From WasteHeat | Volume 6 Issue 5 –ISSN [ONLINE]: 2395-1052 | International Journal for Science and Advance Research In Technology | May -2020 | No | --- | Int | Yes |
| 5. | 1.Sangamesh HerakalAssistant Professor2.Mallesh JakanurAssistant Professor3.RohanAssistant Professor | 4.Modal Analysis of Two Similar Metal Welded JointsUsing ANSYS | Volume 6 Issue 5 –ISSN [ONLINE]: 2395-1052 | International Journal for Science and Advance Research In Technology | May -2020 | No | --- | Int | Yes |
| 6. | 1.Adesh BillAssistant Professor2.Mallesh JakanurAssistant Professor3.Ayub AswakAssistant Professor | 5.Modes Of Failure In Gear – A Review | Volume 6 Issue 5 –ISSN [ONLINE]: 2395-1052 | International Journal for Science and Advance Research In Technology | May -2020 | No | --- | Int | Yes |
| 7. | 1.RohanAssistant Professor | 6.Performance Study on Plastic Recycling Machine | Volume 6 Issue 5 –ISSN [ONLINE]: 2395-1052 | International Journal for Science and Advance Research In Technology | May -2020 | No | --- | Int | Yes |
| 8. | 1.RohanAssistant Professor2.Mallesh JakanurAssistant Professor3.Sangamesh HerakalAssistant Professor | 7.A Study on Mechanical Properties Of Okra And Glass Fiber Reinforced Composite | Volume 6 Issue 5 –ISSN [ONLINE]: 2395-1052 | International Journal for Science and Advance Research In Technology | May -2020 | No | --- | Int | Yes |
| 9. | M. Leela RameshAssistant ProfessorM. DeepikaAssistant ProfessorAnipindi SaitejaAssistant Professor | A review of 4-dimensional and 5 axis 3dimensional printing: Advancement 3 dimensional printing process | Volume 6 Issue 1ISSN 2454-2962 | ELK Asia Pacific Journal Mechanical and Research | 2020 | No | --- | Int | Yes |

**HoD Principal**

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**Details of Patent/Books Published by the Faculty Members**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **Name of the staff members with designation** | **Title of the invention** | **Patent/Books Application/ Registration number** | **Name of the organization** | **Year and month of Pattern published** | **Patent type (India/US/Any other)** | **Verification by Dept. Coordinator** |
| 1. | Dr.S. Jaya KrishnaProfessorB. Harish RajAssistant Professor | A system and method of gravitational transportationbetween hills / buildings through telescopic hydraulicSystem | 202041035348 | Patent Office Chennai | 04.09.2020 | India |  |
| 2. | Dr.S.Jaya KrishnaProfessor | IOT based bed for somnambulism (sleepwalking) patient | 202041035189 | Patent Office Chennai | 04.09.2020 | India |  |
| 4. | Mr.RohanAssistant Professor | Lemongrass oil and its blends for agricultural diesel engine | 202031036818A | Patent Office Chennai | 18.09.2020 | India |  |
| 5. | Mr.RohanAssistant Professor | Amodern underground conduit cleaning machine | 202021038621 | Patent Office Chennai | 18.09.2020 | India |  |
| 6. | Dr.S.Jaya KrishnaProfessor | Marketing Management Projects | ISBN 978-93-85101-68-7 | PARAMOUNT Publishing house | 2016 | India |  |
| 7. | Dr. S. Jaya KrishnaProfessor | Human Resource Management ProjectVolume -I | ISBN 978-93-85100-65-9 | Winger Publishing House | ---- | India |  |