

**Dr. P MURALI KRISHNA**

**Sr LECTURER IN MECHANICAL ENGINEERING**

**GOVERNMENT POLYTECHNIC**

**AMADALAVALLASA-532185**

**SRIKAKULAM Dt.**

**Email id: muralikrishnapoojari@gmail.com**

**Phone :6302076234**



1. **Date of Birth:** 02.05.1973
2. **Qualifications:** B.Tech, M.Tech , Ph.D
3. **Date of joining in the department:** 26.04.2012
4. **Date of joining in the institution:** 16.06.2025
5. **Experience:**

| DESIGNATION  | FROM       | TO         |
|--------------|------------|------------|
| Lecturer     | 26.04.2012 | 26.01.2022 |
| Sr. Lecturer | 27.01.2022 | still      |

6. **No. of Text Books/Manuals Prepared:** 01
7. **No. of Research Publications/Conferences attended:** 9
8. (a) **No. of weeks of Faculty Development program attended offline:** 12  
(b) **No. of weeks of Faculty Development program attended online/Swayam/MOOC'S:** 04



## Dr. P. Murali Krishna

Senior Lecturer in Mechanical Engineering,  
Department of Technical Education, AP

Friction Stir welding  
Thermal power plant performance

|           | All | Since 2021 |
|-----------|-----|------------|
| Citations | 77  | 28         |
| h-index   | 4   | 3          |
| i10-index | 2   | 1          |

| TITLE                                                                                                                                                                                                                                                        | CITED BY | YEAR |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| Optimization of process parameters for friction Stir welding of dissimilar Aluminum alloys (AA2024-T6 and AA6351-T6) by using Taguchi method<br>PM Krishna, N Ramanaiah, KP Rao<br>International journal of industrial engineering computations 4 (1), 71-80 | 43       | 2013 |
| Effect of post-weld heat treatment on the mechanical properties of friction stir welds of dissimilar aluminum alloys<br>PM Krishna, N Ramanaiah<br>IJEST 3 (7), 5778-5785                                                                                    | 20       | 2011 |
| Studies on hardness of rice husk ash Polymer hybrid nanocomposites by burnishing process<br>PMK D Lingaraju<br>International journal of advanced scientific and technical research 2 (1 ...                                                                  | 5 *      |      |
| Effect of ageing on mechanical properties of dissimilar friction stir welded aluminum alloy (AA2024 and AA6351) joints<br>PM Krishna, D Simhachala, N Ramanaiah<br>Journal of Applied Sciences 12 (10), 1053-1057                                            | 4        | 2012 |
| Friction Stir Welds of AA6351-T6 and AA2024-T6 Dissimilar Aluminium Alloys<br>NRKPR P. Murali Krishna<br>Journal of Manufacturing Science and Production 13 (1), 7-13                                                                                        | 4 *      |      |
| Experimental Investigation of Electro Discharge Machining on NIMONIC 80A through Response Surface Methodology<br>GTR G. Vishnu Pramod Teja, K. Saraswathamma, P. Murali Krishna<br>Advances in Applied Mechanical Engineering 1 (1), 991-1000                | 1 *      |      |
| <u>Studies on Hardness of Polymer HybridSilica/NRHA Nanocomposites by Burnishing Process</u><br>PM Krishna, D Lingaraju, N Ramanaiah, K Ramji<br>International Journal of Applied Engineering Research, Dindigul 2 (1), 268-272                              |          | 2011 |
| Friction Stir Welding of AA6351 and AA2024 Aluminium Alloys<br>KPR N. Ramanaiah, P. Murali Krishna<br>International Journal of Materials, Manufacturing and Optimization 1 (2), 55-60                                                                        |          |      |
| Post-weld heat treatment effect on dissimilar friction stir welds (AA 2024-T6 and AA 6351-T6)<br>AKKPR P. Murali Krishna1, N. Ramanaiah<br>International Journal Mechanical Engineering 59 (1), 15865-15869                                                  |          |      |