

International Journal:

	Year 2024
1.	Ujjwal, K., Singh, R., Anand, M., Raman, R. S., & Das, A. K. (2024). Novel electric arc-based surface smoothening for wire arc additively manufactured components. <i>Materials Letters</i> , 136829.
2.	Ujjwal, K., Raman, R. S., & Das, A. K. (2024). Role of arc weaving strategies in the fabrication of thick-walled 4043 aluminium alloy components through directed energy deposition process. <i>CIRP Journal of Manufacturing Science and Technology</i> , 52, 12-25.
3.	Kazmi, K. H., Chandra, M., Rajak, S., Sharma, S. K., Mandal, A., & Das, A. K. (2024). Implementing machine learning in robotic wire arc additive manufacturing for minimizing surface roughness. <i>International Journal of Computer Integrated Manufacturing</i> , 1-16.
4.	Kazmi, K. H., Chandra, M., Rajak, S., Sharma, S. K., Mandal, A., & Das, A. K. (2024). Implementing machine learning in robotic wire arc additive manufacturing for minimizing surface roughness. <i>International Journal of Computer Integrated Manufacturing</i> , 1-16.
5.	Ujjwal, K., Al-Saadi, S., Das, A. K., & Raman, R. S. (2024). Corrosion and stress corrosion cracking characteristics of 4043 aluminium alloy fabricated through directed energy deposition process. <i>Journal of Alloys and Compounds</i> , 976, 173154.
6.	Kazmi, K. H., Sharma, S. K., Das, A. K., Mandal, A., & Shukla, A. (2024). Development of wire arc additive manufactured Cu-Si alloy: study of microstructure and wear behavior. <i>Journal of Materials Engineering and Performance</i> , 33(1), 110-119.
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11.	Ujjwal, K., Anand Kumar, K., Anand, M., Singh Raman, R.K. and Das, A.K., 2023. Effect of current waveforms during directed energy deposition of 4043 aluminum alloy on microstructure, hardness, and wear of alloy. <i>Materials</i> , 16(20), p.6716.
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