

## LIST OF PUBLICATIONS

### a) Research paper in the journals

- 1) **Piyush Patel**, Piyush Gohil (May 2022). “Custom orthotics development process based on additive manufacturing”, *Materials Today: Proceedings*, Volume 59, Part 3, 2022, Pages A52-A63.  
*DOI*: <https://doi.org/10.1016/j.matpr.2022.04.858>.  
*Indexed by*: SJR, Scopus, Web of Science/Clarivate Analytics, UGC Care List.  
*Impact Factor (TR)*: 1.46, SJR Rank: 0.355 | 2022, Scopus Cite Score: 2.3| 2022  
*ISSN*: ISSN: 2214-7853 (Online).
- 2) **Piyush Patel**, Piyush Gohil (August 2021). “Role of additive manufacturing in medical application COVID-19 scenario: India case study”, *Journal of Manufacturing Systems*, Volume 60, 2021, Pages 811-822.  
*DOI*: <https://doi.org/10.1016/j.jmsy.2020.11.006>.  
*Indexed by*: SJR, Scopus, Web of Science/Clarivate Analytics, UGC Care List.  
*Impact Factor (TR)*: 9.498, SJR Rank: 2.95 | 2022, Scopus Cite Score: 15| 2022  
*ISSN*: Online ISSN: 1878-6642 Print ISSN: 0278-6125
- 3) Design and Simulation Approach of Cerebral Palsy Pediatric Standard Walker (Elsevier Journal: *Medicine in Novel Technology and Devices*: Manuscript No: MEDNTD-D-23-00002R1: Under Review Process)
- 4) Design, Analysis and Development of Prosthetic and Orthotic elements by Additive Manufacturing process (Springer Journal: *Biomedical Engineering Letter*: Manuscript No:BMEL-D-23-00319 : Under Review process)
- 5) Design, Analysis, Development and Testing of Novel Prosthetic foot model for lower limb amputation level patients (Elsevier Journal: Composite communication, Manuscript No: COCO-D-23-00508: Under Review process)

### b) Presenting research work at conferences

- 1) Custom Orthotics development process based on Additive Manufacturing (International Conference on Materials and Technologies: NIT Raipur)
- 2) Design and Simulation Approach of Cerebral Palsy (CP) Pediatric Walker (International Conference on Materials and Technologies: NIT Raipur)



