

Faculty Profile



Name: Ms. PRIYANKA CHATTORAJ

Designation: Assistant Professor

Teaching Areas: Hydraulics, Kinematics of Machine, Production Technology, Thermodynamics, Fluid mechanics, Digital fabrication, production planning and control

Research Interests: Additive Manufacturing, Production, Non-conventional machining

Education:

- (Ph.D), 3D printing, NIT-Meghalaya
- M.Tech., Production Engineering, West Bengal University of Technology ,2014
- MBA, Marketing, West Bengal University of Technology, 2008
- B.Tech., Mechanical Engineering ,West Bengal University of Technology, 2006

Research / Selected Publications:

1. Chanakya Mokkaapati, Abhilash. P , Priyanka Chatteraj , Chandrasekhar National Convention and an International conference on "*Role of Industrial Engineering in Industry 4.0 paradigm*" (ICIEIND 2018), Siksha 'O' Anusandhan at Bhubaneswar, Odisha Process Optimization of a Robot Manipulator using ANN", 27th--30th Sep,2018.
2. Sharan Abhinay RM, Chaitanya Kumar M, Priyanka Chatteraj 2nd International Conference on Operations Management (ICOM – 2018) at IFHE – IBS, Hyderabad “*Analysis of material management factors to improve production rate at an Industrial Unit*” 30th November & 1st December 2018
3. Priyanka Chatteraj, Parimala Prabhakar, Vishwanath Koti, N. Suganya Natarajan, M. Lakshminarayana, K. Arul, M. Venkatachalapathy, Maqusood Ahamed, M. Karnan, S. PraveenKumar, "*Optimization on Tribological Behaviour of AA7178/Nano Titanium Dioxide Hybrid Composites Employing Taguchi Techniques*", Journal of Nanomaterials, vol. 2022, Article ID 1619923, 8 pages, 2022.
<https://doi.org/10.1155/2022/1619923>