



ANAND PORAS

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Qualification	:	M. Tech. (Engineering Systems) DEI Agra, B.Sc.(Mechanical Engineering) AMU Aligarh
Department	:	Mechanical Engineering
Experience (Academics/Industry/Research)	:	24 Years (16 Years Academics, 8 Years Industry)
Research Interest	:	System Dynamics, Modeling Simulation, Industrial & Production Engineering.
BTech/MTech/MPhil Dissertation supervised		20
Research Publications	:	
Journals: 05		
<ul style="list-style-type: none"> • Study of sfca and sfca-i phase in the ternary phase system of iron ore pellets. International Journal of Engineering Research (IJERMCE) Vol 9, Issue 5, May 2022 • Influence of dry sliding wear behavior and assessment of properties on treated AISI310 SS material by gas nitriding process. Materials Today: proceedings, Volume 26, Part 2, 2020. • Microstructure and phase analysis of indurated iron ore pellets. Materials Today: proceedings, Volume 26, Part 2, 2020. • Electrical Discharge Drilling of D3 Die Steel using Air Assisted Rotary Tubular Electrode. Materials Today: proceedings, Volume 5, Issue 2, Part 1, 2018 • Comparison of Gas Assisted Hybrid EDM, Rotary EDM and Conventional EDM Processing of High Carbon High Chromium Die Steel. July 2018, International Journal of Engineering & Technology. 		
Conference: 04		
<ul style="list-style-type: none"> • “<i>Dynamic Modeling for strategic planning of a small foundry using System Dynamics</i>”, Proceedings of the International Conf. on SocProS-2011(IIT Roorkee), Advances in Intelligent and Soft Computing (AISC), Vol. 131, pp. 429-438. • Paper titled “Study of work related musculoskeletal disorders due to vibrations” in national conference RAME 2012. • “Biohydrogen-future fuel Microbial production through batch fermentation of food waste using enterobacter aerogens” in national conference RAME 2012. • “Biohydrogen-future automotive fuel production by Enterobacter aerogens using food 		

waste as substrate” in national conference AMDM 2016.	
MOOC Courses/Certifications	02
Workshops/Training (Organized / Attended)	04
FDP (Organized / Attended)	27
Membership of Professional Bodies	IAENG, IASTER