

Faculty Profile

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6. Qualification:

S. No	Degree(UG, PG, PhD)	Specialization	Institute
1	B.Tech	Production Engg.	B.I.T.Sindri
2	M.Sc.(Engg.) Mechanical	Production Technology	B.I.T.Sindri
3	PhD(Mechanical)	Production Engg.	B.I.T.Sindri,V.B.U. Hazaribgh
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7. Area of Specialization: Ergonomics and manufacturing



8. PhD (Guided): One (Persuing)

9. Subjects Taught: Modern Manufacturing Process, Advance Economic Analysis,Rapid Prototype

10. Publications:

I)InternationalJournal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publicat ion Year	Pages
1.	A Look at the research in the field of plastic electronics: Polymer Challenge	International Journal of Engineering Research and Applications (IJERA)	Vol-03, Issue-01;	Jan-Feb.2013	
2.	Benefits of the use of Bio-fuel as the transportation and industrial application : Indian Scenario	International Journal of Engineering Research and Technology (IJERT)	Vol-02, Issue-02;	Feb.2013	
3.	Review Case Study for Improving manual materials handling in Population workplace	International Journal of Industrial Engineering & Technology (IJIET)	Vol-03, Issue-04;	Oct-2013.	
4.	Design and Simulation of Formula Vehicle: The Role of CAE	International Journal of Scientific Research	Vol-02, Issue-12,	Dec-2013	
5.	Experimental Analysis of Renewable Energy as Solar Air Heater with Artificial Roughness	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	vol-04,issue-01,	Fab-14.	
6.	Generation of Primary Business Plan: An Upcoming Automobile Industry	International Journal of Mechanical Engineering and Technology (IJMET)	vol-05; issue-04;.	April 2014	pp-234-242;
7.	Effect of the Process Parameters on Geometrical Characteristics of the Parts in Direct Metal Deposition : A Review	International Journal of Mechanical Engineering and Technology (IJMET)	vol-05; issue-04;	April 2014	pp- 116-122

8.	Quad Bike Design and Simulation: A Pre Manufacturing Methodology	International Journal of Advanced Research in Engineering and Technology (IJARET)	vol-05; issue-06;		pp: 68-76.
9.	Ergonomics Investigation and their Effect of Productivity of Micro, Small and Medium Industries of Jharkhand State	International Journal of industrial Engineering Research and Development (IJIERD)	.vol-05; issue-03;	May, June-2014;	pp-01-12.
10.	Ergonomics: Application in Industries	IOSR Journal of Mechanical and Civil Engineering.	Vol-11; issue-05;	Sept, Oct-14.	
11.	Optimization of the Tool parameters in Ultrasonic vibration assisted drilling by Taguchi method	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Vol-6 ISSUE-2	APR2016.	
12.	Optimization of heat treatment processes of steel used in automotive bearings	International Journal of Technical Research and Applications (IJTRA)	Volume 4, Issue 2	March-April, 2016	PP.38-44.
13.	Analysis of EDM process parameters using response surface methodology and grey relation analysis”	International journal of scientific research and education(IJSAE)	04	Sept.2016	5907-5921
14.	Synthesis and characterization of hydroxyfluorapatite nanocomposite	International journal of scientific research and education(IJSAE)	04	Oct.2016	5959-5964
15.	The effect of weld position on mechanical properties of TMT rod joined by arc welding	International journal of research in engineering technology (IJRET)	05	Sept.2016	71-75
16.	Designing and study of refining reactor for refining of spongemagnesium	International academy of engineering and medical research (IAEMR)	01	Oct.-Nov. 2016	1-4

II) International Conference:

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1.	Alkaline fuel cell with air	International conference on "Green technology and sustainable development" in the technical session I at Indian inst. Of chemical engg., Chandigarh.		27 th & 30 th dec. 2008	
2.	Determination of bubble and dew points for a binary mixture	International conference on "Green technology and sustainable development" in the technical session I at Indian inst. Of chemical engg., Chandigarh.		27 th & 30 th dec. 2008	

II) National Journal :

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages

IV) National Conference:

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1.	biomass energy fuel ethanol study through value engineering	Technological Excellence Through value engineering in the national workshop		7 th Apr.2007	
2.	Lean philosophy: the broader road for process industries	Technological challenges of 21 st century the road ahead		8 th & 9 th Feb. 2008	

3.	Job scheduling for a cellular manufacturing	Technological challenges of 21 st century the road ahead		8 th & 9 th Feb. 2008	
4.	Scope of bio diesel in India	Technological challenges of 21 st century the road ahead		8 th & 9 th Feb. 2008	
5.	Waste water management using artificial management	Environmental issues on Geo techniques and mineral industry		4 th & 5 th Apr. 2008	
6.	Role of green accounting in sustainable development	Environmental issues on Geo techniques and mineral industry		4 th & 5 th Apr. 2008	
7.	Why should we use nuclear power	Indian nuclear power prog. Challenges and opportunities INCO12		14 th & 15 th Apr. 2012	
8.	Awareness of nuclear energy	Indian nuclear power prog. Challenges and opportunities INCO12		14 th & 15 th Apr. 2012	
9.	Nuclear waste a million dollar question?	Indian nuclear power prog. Challenges and opportunities INCO12		14 th & 15 th Apr. 2012	
10.	Processing concept for uranium extraction	Indian nuclear power prog. Challenges and opportunities INCO12		14 th & 15 th Apr. 2012	
11.	Nuclear chemicals and OSHMS	Indian nuclear power prog. Challenges and opportunities INCO12		14 th & 15 th Apr. 2012	
12.	Health hazards of coal combustion	Indian nuclear power prog. Challenges and opportunities INCO12		14 th & 15 th Apr. 2012	
13.	Ventilation through Solar Energy	National Seminar on "Energy and Environment for Sustainability-EES (2013)		16 th -17 th March 2013	pp: 157-160.
14.	Fourth Generation Nuclear Fuel Reactor Concept	National Seminar on "Energy and Environment for Sustainability-EES (2013)		16 th -17 th March 2013	pp: 318-321.
15.	Worthwhile Green Manufacturing a look on Green Way	All India Seminars on Recent Advancement in Manufacturing and its Management (RAMM-14)		2014	

16.	Ergonomics: Application in Heavy Industries	All India Seminars on Recent Advancement in Manufacturing and its Management (RAMM-14)		2014	
17.	Influence of Process Parameters on Product Characteristics in Direct Metal Deposition: A Review	All India Seminars on Recent Advancement in Manufacturing and its Management (RAMM-14)		2014	
18.	Environment Degradation on Human Behaviors on Urban Complexes: A Review	All India Seminars on Recent Advancement in Manufacturing and its Management (RAMM-14)		2014	
19.	A New Sequence of mixing for Enhancement the properties of Recycled Aggregate Concrete	All India Seminars on Environmental Issue: Protection, Conservation and Management (EIPCM) at B.I.T. Sindri		26-27 Feb 2016	Page no.55-59.
20.	Zero Environmental Pollution (CO ₂) with the help of Algae with complete utilization of product as well as by product among different sectors in day to day life	All India Seminars on Environmental Issue: Protection, Conservation and Management (EIPCM) at B.I.T. Sindri		26-27 Feb 2016	Page no.146-151.