

## Faculty Profile

**1. Name:** Babul Das

**2. Department:** Metallurgical Engineering

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B.I.T Sindri, Dhanbad, Jharkhand, Pin-828123



### 6. Qualification:

S. No	Degree (UG, PG, PhD)	Specialization	Institute
1.	B. Tech.	Metallurgical Engineering	B.I.T Sindri
2.	M. Tech.	Physical Metallurgy	I.I.T Roorkee
3.	Ph.D (Pursuing)	Synthesis and characterization of Particle Reinforced Metal Matrix composites	I.I.T B.H.U, Varanasi

**7. Area of Specialization:** Physical Metallurgy, Heat treatment, Corrosion and composite

### 8. Professional Experience:

#### I) Teaching Experience:

Sl. No.	Position held	Name of Organization	From	To
1.	Assistant Professor	B.I.T Sindri	18.012.2018	Till date

### 9. Publications:

#### I) National Journal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages
1.	Optimization of process parameter in EDM for titanium based alloy by using taguchi based grey relation analysis and metaheuristic	International Journal for research in Engineering application And management	05	2019	

2.	Thermal model for analysis of hard turning of titanium alloy by coated carbide tool	International Journal for research in Engineering application And management	05	2019	
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### 10. Conference/ Workshop/Seminar/ Organized

Sl. No.	Title of Seminar / Conferences / Short – term Courses	Name of Coordinator	Funding / Sponsoring Agency	Date of Seminar / Conferences / Short – term Courses	No. of Participants
1.	Nano Scale Surface Characterization by STM and PQMS Analysis	Babul Das	TEQIP	8-01-2020 to 12-01-2020	38
2.	Workshop on Advances in surface Engineering Special Processes and Practices	Babul Das	TEQIP	28-12-2021 to 1-1-2021	50

### 11. Symposium/ Workshop/Seminar/ Attended

Sl.No.	Title	Duration	Organizing agency
1.	Workshop on Basics of Electron Backscattered Diffraction, Electron Energy Loss Spectroscopy and Electron Diffraction in Materials Science	30 <sup>th</sup> May to 1 <sup>st</sup> June 2016	I.I.T (BHU) Varansi and Electron Microscope society of India
2.	International conference on Electron Microscopy	2-4 june 2016	I.I.T (BHU) varansi and Electron Microscope society of India
3.	Short Term Course on Thermal Sprayed Coatings and Composites under GIAN Scheme of MHRD	20 <sup>th</sup> June to 1 <sup>st</sup> July, 2016	MNNIT Allahabad
4.	Faculty Induction Workshop	19 <sup>th</sup> Feb to 23 <sup>rd</sup> Feb. 2018	I.I.T Kharagpur
5.	Short Term Course on Mechanical Properties And Deformation Behavior of Structural Materials	27 <sup>th</sup> Aug. to 1 <sup>st</sup> sept. 2018	I.I.T (BHU) Varansi
6.	Training program on Advanced Pedagogy and digital tool.	10 <sup>th</sup> to 14 <sup>th</sup> June 2019	I.I.T Kharagpur

7.	International Workshop on Precision Engineering and Management	15 <sup>th</sup> jan. 2020	I.I.T Dhanbad
8.	Faculty development program on Robotics and AI	24 <sup>th</sup> to 28 <sup>th</sup> June 2019	N.I.T Patna
9.	Workshop on Understanding Metallurgy of Steel for Its Effective Utilization	27 <sup>th</sup> to 28 <sup>th</sup> October 2018	B.I.T Sindri
10.	Workshop on Flow and Process Simulation in Process Industries	29 <sup>th</sup> Oct. to 2 <sup>nd</sup> Nov. 2018	B.I.T Sindri
11.	Workshop on Outcome based Education and Accreditation	16 <sup>th</sup> to 17 <sup>th</sup> March, 2018	B.I.T Sindri
12.	National Conference on Science and Technology of Special Steels and Nanomaterials	17 <sup>th</sup> to 18 <sup>th</sup> Feb, 2018	B.I.T Sindri

## 12. Project Experience:

Sl. No.	Organization	Position	Description
1.	B.I.T Sindri	Principal Investigator	Synthesis of Cu-deficiency induced various Copper chalcogenides films for opto-electronic application

## 13. Personal Profile:

<b>Father's Name</b>	:	Balai Das
<b>Mother's Name</b>	:	Soma Devi
<b>Date of birth</b>	:	17 January 1990
<b>Gender</b>	:	Male
<b>Permanent State</b>	:	Jharkhand
<b>Nationality</b>	:	Indian
<b>Languages Known</b>	:	Hindi, English
<b>Permanent Address</b>	:	Q.no. 246, Street-01, Sector- 9A, Bokaro Steel City Jharkhand, Pin- 827009

<b>Present address</b>	:	B.I.T Sindri , Department of Metallurgical Engineering
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**Declaration:**

I hereby declare that the above furnished particulars are true and the best of my knowledge and belief

Place: Dhanbad

*Sabul Das.*

Signature