

# KAUSTUBH KHOT

*MTech: Metallurgical and Materials Engineering*

## Profile

I am diligent, hardworking, eager to learn and to progress, persevering fellow with highly developed research qualitative and analytical skills with a strong capacity to conduct independent research

## Contact

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## Academic Qualifications

**MASTER OF TECHNOLOGY IN METALLURGICAL AND MATERIALS ENGINEERING (2013-2015)**

*INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR, INDIA*

**BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING (2008-2012)**

*ITM GROUP OF INSTITUTIONS, GWALIOR, INDIA*

## Awards & Honors

<b>2017</b>	Best Teacher
<b>2016</b>	Best Teacher
<b>2012</b>	Silver Medal in class of 60 Undergraduates
<b>2010</b>	Silver Medal in class of 60 Undergraduates
<b>2009</b>	Gold Medal in class of 60 Undergraduates

## Industrial Employment

**MONDELEZ INTERNATIONAL - GRADUATE ENGINEER TRAINEE; 2012 JUNE- 2013 JUNE**

- Successfully managed CADBURY PERK production line.
- Met Production Targets with Optimum Use of Resources.
- Preventive and Predictive Maintenance

## Academic Employment

### ASSISTANT PROFESSOR

*Department of Mechanical Engineering, MITS Gwalior, INDIA  
2018 Sep - Present*

Faculty in World Bank Funded Project- TEQIP  
Taught Mechanics of Materials , Material Science  
Organised 5 Day workshop on Sustainable Development

### ASSISTANT PROFESSOR

*Department of Mechanical Engineering, Govt, Engineering College, Banswara INDIA; Jan 2018- Aug 2018*

Faculty in World Bank Funded Project- TEQIP  
Taught Metal Cutting, Machine Design, Product Development  
Organised HR Conclave

### ASSISTANT PROFESSOR

*Department of Mechanical Engineering, ITM University, Gwalior, INDIA;  
2015 July- 2017 Dec*

Faculty in World Bank Funded Project- TEQIP  
Taught Mechanics of Materials , Material Science

## Master's Project

**DEVELOPMENT OF ALUMINIUM FOAM BY POWDER**

**METALLURGY ROUTE- INDIAN INSTITUTE OF**

**TECHNOLOGY, KHARAGPUR**

- Prepared samples by compaction and sintering
- Conducted compression testing, wear testing, Hardness testing SEM, XRD on test specimen
- Evaluated porosity, density and Mechanical properties
- Material characterisation

## Publications

- National Conference on Environmental Pollution & Its Control (09-10 March,2018); Aluminium Foam: A New Friend of Environment; International Journal of Engineering Research ISSN:2319-6890 (online),2347-5013(print);Volume No.7, Issue Special 4, pp : 401-403

## References

### PROFESSOR JYOTSANA DUTTA MAJUMDAR

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### PROFESSOR KOUSHIK BISWAS

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