

## BIODATA

**Name:** ASUTYA KUMAR BISWAL

**Designation:** Assistant Professor in Metallurgical and Materials Engineering

**Qualification:** M.Tech in Materials Science and Engineering, IIT Bhubaneswar

B.Tech in Metallurgical and Materials Engineering, GIET GUNUPUR

Diploma in Metallurgical and Materials Engineering, IGIT SARANG

**Date of Joining the Institute:** 17-01-2018

**Experience:**



Organization	Period		Designation
	From	To	
I.G.I.T., Sarang	17-01-2018	continuing	Assistant Professor
B.I.I.T Bhubaneswar	13-08-2013	04-08-2014	Assistant Professor

**Area of Research:** Bio-Materials, Electronics Materials and Functional Materials

**M.Tech Guidance: 1**

1. Ms. Priyadarsini Nayak “Processing And Characterization Of Fe-35mn Biodegradable Metallic Materials”, 2019

**AICTE Projects**

1. TEQIP-III Colaborative Research Scheme “Fabrication of pinhole free and uniform thin film of lead free perovskites for photovoltaic and optoelectronic application” Dr. Anukul Prasad Parhi , Dr. Mahamad Nazoor Khan, Mr. Asutya Kumar Biswal, Prof. s. Sundar kumar Iyer, Dr. amritendu Roy

**List of Publications**

2. Satyabati Das, Asutya Kumar Biswal, Kalpana Parida, R.N.P choudhary, Amritendu Roy “Electrical and mechanical behavior of PMN-PT/CNT based polymer composite film for energy harvesting” Applied surface science, Elsevier, <http://dx.doi.org/10.1016/j.apsusc.2017.09.077>, Volume- 428, page no- 356-363, year 2018
3. Asutya kumar Biswal, Satyabati Das, Amritendu Roy “Designing and synthesis of a polymer matrix piezoelectric composite for energy harvesting” IOP Conf. Series: Materials Science and Engineering doi:10.1088/1757-899X/178/1/012002, 178 (2017) 012002, 2017
4. Satyabati Das, Asutya Kumar Biswal, Amritendu Roy “Fabrication of flexible piezoelectric PMN-PT based composite films for energy harvesting” IOP Conf. Series: Materials Science and Engineering doi:10.1088/1757-899X/178/1/012020, 178 (2017) 012020, 2017

### **Conference**

1. International Conference on Processing and Characterization of Materials (ICPCM-2019) “Processing and Characterization of Fe-35Mn Biodegradable metallic materials”
2. National Conference on Processing and Characterization of Materials (NCPCM-2016), “Designing and synthesis of a polymer matrix piezoelectric composite for energy harvesting”
3. National Conference on Processing and Characterization of Materials (NCPCM-2016), “Fabrication of flexible piezoelectric PMN-PT based composite films for energy harvesting”

### **Short Term course Participation**

1. “Faculty induction workshop” Continuing Education cell and center for Education Technology, IIT Kharagpur
2. “Summer training program on Advance Pedagogy and Digital Tool” Knowledge network of IIT Gandhinagar under TEQIP-III Initiative, IIT Gandhinagar
3. Faculty Development Program, NPTEL-AICTE
4. TEQIP-III Sponsored Short Term Programme on “Nanomaterials Science and Technology” Dept. of Metallurgical & Materials Engg., IGIT Sarang.
5. TEQIP-III Sponsored National Workshop on “Applications of Chemical Engineering in Natural Resources (AChENRI)” Dept.of Chemical Engg., IGIT Sarang & University of Calcutta.
6. “Workshop on outcome based accreditation for UG/PG engineering program” IGIT SARANG

### **Others**

1. Qualified GATE-2015
2. 1st Rank in metallurgy in OJEE-2014.
3. 2 times went for Faculty development program through TEQIP-III to IIT Kharagpur and IIT Gandhinagar
4. Successfully completed the SWAYAM course on ‘‘Structure analysis of Nanomaterials’’ with score of 85%.