

**Name: Mr Rakesh Biswas**

**Department: Mechanical Engineering**

**Contact Nos.: 9910763919**

**Qualifications: M. Tech**

**Designation: Assistant Professor**

**Vidwan ID : 193510**

**Experience (Teaching/ Research/ Industry, in years): 26 Years**

**Date of Joining at the Present Institution: 01-Apr-2017**

**Examinations Cleared: GATE**

**Qualifications Summary (Reverse chronological order):**

<b>Degree</b>	<b>Institute</b>	<b>From - To</b>	<b>Subjects</b>
M.Tech	IIT-Kharagpur	1993-1995	Thermal Engineering
B.E.	NIT-Rourkela	1987-1991	Mechanical Engineering
H.S.E	WBCHSE	1985-1987	Physics, Chem, Maths, English
S.E	WBBSE	1984-1985	PSc, LSc, Maths, English

**Experience Summary (In chronological order):**

<b>Designation</b>	<b>Organization</b>	<b>Date From - Date To</b>
Assistant Engineer	Texmaco Ltd.	21-Feb-1995 to 03-Oct-1998
Dy.Manager	Bharat Electronics Ltd.	07-Oct-1998 to 16-May-2007
Lead Engineer	Alstom India Ltd.	21-May-2007 to 17-Jun-2015
Lead Engineer	GE Power India Ltd.	18-Jun-2015 to 16-Dec-2016
Asst. Professor	BCREC	01-Apr-2017 to Till Date

**Specialization/Research Interest: Thermal Engineering**

**Awards & Recognitions :**

**Award for significant contribution in the year 2011 at Alstom India Ltd.**

**Courses Taught (B.Tech) :**

**Theory : Engineering Thermodynamics, Engineering Mechanics, Fluid Mechanics, Work Shop Theory, Production and Operations Management, Principles and Practices of Management, Strength of Materials, Solid Mechanics.**

**Practical : Work Shop, CNC Lab.**



Online Mode of Teaching: Through Google Meet.

Online teaching by providing lecture notes.

Assessment Method : Conducted test and assignment through Google Form.

Publications: No.

Journal: No.

Conference: No.

Book: No.

Book Chapter: No.

Supervision of Ph.D/M.Tech/ B.Tech Projects:

For Ph.D : No.

Projects : B.Tech

Name of Student	Univ Roll	Title of Project	Name of Supervisor	Year
Sayan Bera	12000714098	Fabrication and	Arka Banerjee	2018
Shahjahan Alam	12000714099	Experimentation	&	
Sharad Kumar	12000714100	with Tiny Horizontal	Rakesh Biswas	
Shashank S Pathak	12000714101	Axis Wind Turbine		
Shib Sankar Bera	12000714102			
Shubham Agarwal	12000714103			
Shubham Mukherjee	12000714104			
Shubham Saurabh	12000714105			
Siddharatha Sajjan	12000714106			
Sitesh Kumar	12000714107			
Sourav Mondal	12000714108			
Tabish Zishan Khan	12000715118	Fabrication and	Arka Banerjee	2019
Tanveer Alam	12000715119	Testing of Glass	&	
Tushar Das	12000715120	Fibre Reinforced	Rakesh Biswas	
Vikash Kumar	12000715121	Composite		
Vishal Narayan	12000715122			
Vivek Kumar	12000715123			
Vivek K Rana	12000715124			
Vivek K Singh	12000715125			
Veer P Singh	12000716001			
Tamonghna Ganguly	12000716003			
Taj Mohammad	12000716004			

Swarnak Haldar 12000716005

Arojeet Das	12000716137	Design and	Arka Banerjee	2020
Arijit Karmakar	12000716138	Manufacture of Bio	&	
Arijit Bose	12000716139	Gas Plant Using	Rakesh Biswas	
Anwasha	12000716140	Kitchen Waste		
Anupam Chatterjee	12000716142			
Anubhav	12000716143			
Anran Kalindi	12000716144			
Ankit kumar Yadav	12000716145			
Aniruddha	12000716146			
Animesh Santra	12000716147			
Anand Sagar	12000716148			
Amit Vsiwakarma	12000716149			
Akash Kumar	12000716150			
Ajit Kumar Mahto	12000716151			
Ajay Kumar	12000716152			
Adnan Hashmi	12000716153			

Sumitava Paul	12000717031	Study on	Dr. Arijit Banerjee	2021
Souvik Samanta	12000717042	Natural	&	
Sourav Kumar	12000717045	Convection	Rakesh Biswas	
Shubham Kumar	12000717052	Heat Transfer		
Shubham Keshri	12000717053	in an Enclosure		
Shashank Tripathi	12000717056	- A Review		
J K M Manohar	12000717097			
Chinmay	12000717104			
Bishwajit Mandal	12000717105			
Ashutosh K Ghosh	12000717107			
Animesh Roy	12000717118			
Ayush Raj	12000718026			

Invited Lectures: No.

Participation in seminar/conference/symposium/workshop/discussion meeting

Name of the event	Duration	Year	Organized by
Seminar on Combined Cycle Power Plant	2 Days	1994	IIT- Khargapur and Technical Univ of Nova Scotia, Canada
Management Development Program	15 Days	2001	MDI- Gurgaon
Management Development Program	7 Days	2000	NITIE-Mumbai
Training on Six Sigma	15 Days	2006	Bharat Electronics Ltd, Bangalore
On job Training on Super Critical Boiler	4 Months	2007	Alstom Power Inc. Windsor, USA

<b>Proposal Engineering Training Program</b>	<b>5 Days</b>	<b>2011</b>	<b>Alstom India Ltd, Noida</b>
<b>IEEE-NCETSTEA</b>	<b>2 Days</b>	<b>2020</b>	<b>Dr. B. C. Roy Engineering College, Durgapur</b>

**Participation in faculty development programmes :**

**FDP program on 1) Innovations in Mechanical Engineering and Technology**

**2) Emerging Trends in Mechanical Engineering.**

**Teaching and Learning Skill Development/Face- to face/22-Aug-2019/IEEE-BCREC**

**Organization of events (Dr. B. C. Roy Engineering College): No.**

**Participation in administrative committees (selected) : No.**

**Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution :**

**Project Title under TDP : Cooling of Electronic Equipments by Forced Convection**

**Membership of professional bodies: IEEE, IETE, IEL, CSI, MGMI etc. : No.**