

Name: Dr. MANOJ KUNDU

Department: MECHANICAL

Contact Nos.: 9832142119

Qualifications: Ph.D

Designation: ASSISTANT PROFESSOR

VIDWAN ID: 184797

Experience (Teaching / Research / Industry, in years):

Teaching- 12 years

Research- 3 years

Industry-6 years

Date of Joining at the Present Institution: 04.02.2004

Examinations Cleared: NET-CSIR/GATE: NA

Qualifications Summary:

Degree	Institute	From – To	Subjects
Ph.D	NIT,DURGAPUR	2015-2018	TRIBOLOGY
M.Tech	NIT,DURGAPUR	2006-2009	PMC,AMC,DM,APM,AMD Etc.
BE	Nagpur University	1991-1995	MD.FM,PPE,SOM,EC Etc.

Experience Summary:

Designation	Organization	Date From – Date To
Assistant Professor	DR. BCREC, Durgapur	01.07.2010- Continuing
Lecturer	DR. BCREC, Durgapur	01.09.2009 – 30.06.2010
MaintenanceEngineer- Mechanical	Meghalaya Sova Ispat Alloys Limited, Meghalaya	22.02.2002 – 06.12.2002
Assistant Engineer(Mechanical)	Ananda Engineering, Howrah	02.01.1996 – 31.12.2001

Specialization/Research Interest: Production & Tribology

Awards & Recognitions

Best paper/ scholarship/Position in university exam / awards while at industry/ other organizations etc. NA



Courses taught:

B.Tech:

THEORY: ENGINEERING MECHANICS
PRIMARY MANUFACTURING PROCESS
THEORY OF METAL CUTTING & MACHINE TOOL
POWER PLANT ENGINEERING
THERMAL POWER ENGINEERING
ADVANCED MANUFACTURING
MANUFACTURING PROCESSES

PRACTICAL: ENGINEERING DRAWING & COMPUTER GRAPHICS
THERMAL POWER ENGINEERING LAB
WORKSHOP PRACTICE I
WORKSHOP PRACTICE II
MANUFACTURING TECHNOLOGY LAB
MANUFACTURING PROCESSES LAB
MACHINING & MACHINE TOOL LAB

M.Tech

THEORY: ADVANCED METAL CUTTING THEORY

Online Mode of Teaching: Google Drive & Google Meet

Publications:

Journal:

1. **Manoj Kundu**, S. K Mazumder, “Nonlinear Stability Analysis of Flexibly Supported Finite ISO VISCOUS Oil Journal Bearings Including Bearing Surface Deformation” in International Journal of Engineering Research & Technology (IJERT), April – 2017, Volume. 6, Issue. 04, pp 431-438, ISSN: 2278-0181,
2. **Manoj Kundu**, S.K Mazumder, M.C Mazumdar “Steady State Analysis of Finite Oil Journal Bearings with Variable Viscosity Including Bearing Surface Deformation” International Journal of Mechanical and Industrial Technology, April – September 2017, Vol. 5, Issue 1, pp: 53-65, ISSN 2348-7593
3. **Manoj Kundu**, S.K Mazumder, M.C Mazumdar “Nonlinear Dynamic Stability Analysis of Flexibly Supported Finite Oil Journal Bearings with Variable Viscosity Including Bearing Liner Surface Deformation”, International Journal of Engineering Trends and Technology (IJETT), June 2017 Volume 48, Number 3, pp 120-129,

4. **Manoj Kundu**, S.K Mazumder “Steady State Analysis of Finite Isoviscus Oil Journal Bearings Including Bearing Liner Surface Deformation”, The Bulletin Of Engineering & Science, November 2017, Volume 8 Number 1, pp 24-33,

Conference: NA

Book: NA

Book Chapter: NA

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

Projects:

M.TECH

NAME OF STUDENT	ROLL NO	NAME OF SUPERVISOR	TITLE OF PROJECT/THESIS
Taquee Abdul Wahid	12062414004	Manoj Kundu	Study of welding properties of mild steel and stainless steel by TIG, MIG and MMA welding process.
Vikash Kumar	12062415007	Manoj Kundu	Study of defects, cause and their remedies in Casting process.
Afaful Ansari	12062416001	Manoj Kundu	Study of surface roughness in machining stainless steel and mild steel with HSS tool
Arkadeep Sarkar	12062417005	Dr. Manoj Kundu	Comparative study of tool life of cutting tool (Tungsten Carbide) for various cutting parameters (feed, velocity)
Arndam Dhar	12062417006	Dr. Manoj Kundu	Study of optimization of Al. And mild steel in CNC WEDM machine.
DURGESH KUMAR SUKLA	12062418005	Dr. Manoj Kundu	STUDY OF TURBINE ROTOR VIBRATION
SHUBHAM CHATERJEE	12062419001	Dr. Manoj Kundu	An experimental study on the effect of MMAW parameters on the weld bead characteristics

B.TECH:

NAME OF STUDENT	ROLL NO	NAME OF SUPERVISOR	TITLE OF PROJECT/THESIS
GANESH KUMAR	12000712135	MANOJ KUNDU	SOLAR POWERED VAPOUR ABSORPTION REFRIGERATION SYSTEM
GOBIND PATRA	12000712136		
GOPAL PROSAD	12000712137		
Himangsu Pratap Singh	12000712138		
Isant Gourav	12000712139		
Jagannath Das	12000712140		

Keshav Kumar Thakur	12000712141		
Sibram Kundu	12000713098	MANOJ KUNDU	Compressed Air Engine
Sonu Kumar	12000713099		
Sourabh Bhusan	12000713100		
Souradeep Dutta	12000713101		
Souvik Mazumder	12000713103		
Souvik Paul	12000713104		
Vikash Kumar	12000714120		
Vikash Kumar	12000714121		
Vikash Kumar	12000714122	DR. MANOJ KUNDU & Partha Sarathi Bose	Study of Fork Lift (Working Model)
Vikram Kumar	12000714123		
Vishal Kumar Bhakat	12000714124		
Vishal Kumar	12000714125		
Ansul Kumar	12000715126		
Atanu Pal	12000715127		
Abhishek Das	12000715128		
B.Vomsi	12000715129		
Bibek Mondal	12000715130		
PRITAM KAR	12000715066		
PRITAM PRATIK	12000715067		
RAHUL KUMAR	12000715068		
RAHUL KUMAR	12000715069		
RAHUL KUMAR	12000715070		
RAHUL KR CHANDRAVANSHI	12000715071		
RAHUL K SINHA	12000715072		
RAHUL RAJ	12000715073		
RAHUL YADAV	12000715074		
RAJ SHEKHAR	12000715075		
RAJ WARDHAN	12000715076		
RAJA DUTTA	12000715077		

RAKESH K SHARMA	12000715078		
PRIYA KUMARI	12000716093	DR. MANOJ KUNDU & Partha Sarathi Bose	A ROUGH TERRAIN VEHICLE USING ROCKER BOGGIE MECHANISM
PRITISH KARMAKAR	12000716094		
PRATIK KR CHOUDHURY	12000716095		
PRANAY KUMAR	12000716096		
PRAKASH PINTOO	12000716097		
PIYUSH KUMAR	12000716098		
PARTHA PRATIM BANERJEE	12000716099		
NITESH KUMAR	12000716100		
NIRANJAN KUMAR	12000716101		
NIRAJ SINGH	12000716102		
NIKHIL PATEL	12000716103		
MUKHERJEE ANUBHAV	12000716104		
MONOJ KR DAS	12000716105		
MD. FAIZAN	12000716106		
SOMNATH KARMAKAR	12000717147		
MOUSAM SINGH	12000717184		
GOUTAM HAZARI	12000717101		
DEBANJAN DAS	12000717102		
ABHISHEK SINGHA	12000717124		
ABHIK PAL	12000717129		
ABHIJIT	12000717130		
SUMAN GHOSH	12000718005		
RAJIB KHAN	12000718016		
PRASANTA KUNDU	12000718017		
MD SAMSUDDIN	12000718020		
BAPPA AKHULI	12000718025		
ATANU GHOSH	12000718027		

Invited Lectures: NA

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

Participation in faculty development programmes:

Name of the faculty development programmes	Online / Face-to-face	From Date – To Date	Duration	Year	Organized by
Fundamentals & applications of computational Fluid Dynamics in Fluid Thermal System	Online	13.03.21-17.03.21	5 Days	2021	NIT, SILCHAR
Emerging Trends In Mechanical Engineering	Online	03.07.20-04.07.20	2 Days	2020	DR.BCRP, DURGAPUR
Higher Education 2020-Requirements & Expectations	Online	08.07.20-12.07.20	5 Days	2020	COE, Osmanabad
Recent Advancement in Welding & Joining Technology	Online	12.09.20-13.09.20	5 Days	2020	VSSUT, BURLA
Patenting Technology & Process Innovations Related to Renewable Energy	Online	17.02.21-22.02.21	5 Days	2021	JU, KOLKATA
Outcome Based Engineering Education & Accreditation	Online	21.09.20-23.09.20	3 Days	2020	NIT, MEGHALAYA

Organization of events (Dr. B. C. Roy Engineering College): NA

Participation in administrative committees (selected):

NAME OF POST	NAME OF THE COMMITTEE	YEAR
Co-ordinator (ME)	DERARTMENTAL BUDGET COMMITTEE	2015
Co-ordinator (ME)	MENTORING & MAR	2017
Co-ordinator (ME)	NAAC	2019

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

Membership of professional bodies: IEEE, IETE, IEI, CSI, MGMI etc.: NA