

Name: Mr SHYAMA CHARAN CHAKRABARTY

Department: MECHANICAL ENGINEERING DEPARTMENT

Contact Nos.: Mb.Ph.No: 9474112293,7908537789

Landline: (0343) 254-2014

Qualifications: BE, M-TECH



Designation: ASOCIATED PROFESSOR

Experience (Teaching / Research / Industry, in years): 20 yrs/nil/21 yrs

Date of Joining at the Present Institution: 29 / 08 / 2001

Examinations Cleared: NET-CSIR/GATE NONE

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

Degree Institute	From – To	Subjects
M-TECH RE COLLEGE DURGAPUR	1979 TO 1980	Design & Production Engg of Medium Duty M/cs e.g Design of material Handling Equipment, Adv. Dyn. of M/c etc.
BE RE COLLEGE DURGAPUR	1971 TO 1976	Mech Engg. Subjects e.g. Heat Power, Machine Design, Theory of Machine, Strength of Materials, Workshop Technology, Hydraulic Machine etc

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

Designation,	Organization,	Date From –	Date To
ASST ENGINEER	MAMC	20/06/1979	31/12/1988
DESIGN ENGINEER	MAMC	01/01/1988	31/01/2001
Lecturer (visiting)	R E COLLEGE	12/01/2000	Semester contract
Lecturer (visiting)	R E COLLEGE	20/03/2001	Semester contract
Lecturer	BCREC	29/08/2001	28/02/2004
Senior Lecturer	BCREC	01/03/2004	26/10/2006
Asstt. Professor	BCREC	27/10/2006	30/06/2010
Associate Professor	BCREC	01/07/2010	Till date

**Specialization/Research Interest:**

DESIGN & PRODUCTION ENGINEERING OF MEDIUM DUTY MACHINES

**Awards & Recognitions**

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

Merit Scholarship in 2<sup>nd</sup> year at R.E.College

Position -II in M-Tech

Certification of completion a course of instruction (3 months) on Coal related Mining Equipment provided by British Government under Technical Co-operation Training Programme.

Courses taught:

**B.Tech:** Specify the name of the subject/s (Theory first and then practical)

**Theory Subjects:**

Engineering Drawing, Engineering Mechanics, Applied Thermodynamics, Fluid Mechanics, Turbomachinery, Heat Transfer, Dynamics of Machines, Power Plant Engineering

**Practicals:**

Engineering Graphics, Thermal Power Engineering Lab, Fluid Mechanics Lab, Heat Transfer Lab, Dynamics of Machines Lab

**M.Tech:** specify the name of the Subject/s

Advanced Dynamics of Machinery, Design of Material Handling Equipments

**Online Mode of Teaching:** Google Drive, Email

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec26.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec26.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec27.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec27.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec28.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec28.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec29.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec29.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec30.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec30.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec31.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec31.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec32.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec32.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec33.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec33.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec34.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec34.htm)

[https://nptel.ac.in/content/storage2/courses/112104117/ui/Course\\_home-lec28.htm](https://nptel.ac.in/content/storage2/courses/112104117/ui/Course_home-lec28.htm)

The Faculty member needs to specify the online teaching/ assessment method adopted. (Link to any faculty created resources for Lecture notes / PPT/ Video Lecture etc. in Google Drive / Weblink etc)

**Publications:** Nil

**Conference:** Nil

**Book:** Nil

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

**Projects:**

1. Name of the student/s (with university roll number), Name of the supervisor, " Title of the Project / thesis" , Year (only final year 8<sup>th</sup> Sem Project for B.Tech and Thesis for M.Tech )

**PROJECT: B-TECH 2015-16**

Name of the students	University roll number	Title of the Project / thesis	Name of the supervisor (2015-16)
PRAMIT KHATUA	12000712170	<b>Automatic Rotary Car Parking System</b>	S.C.CHAKRABARTY
PRASENJIT BHOWMICK	12000712171		
PRATIK HAZRA	12000712172		
PRATIK KUMAR	12000712173		
PRITAM KUMAR	12000712174		
RAHUL KUMAR CHOUDHURY	12000712175		
NIRMAL KUMAR	12000712176		

**PROJECT: B-TECH 2016-17**

<b>Name of the students</b>	<b>University roll number</b>	<b>Title of the Project / thesis</b>	<b>Name of the supervisor (2015-16)</b>
BAPI CHANDRA	12000713024	WIND TURBINE	S.C.CHAKRABARTY
BHANUPRYA RANJAN LOHAR	12000713025		
BISWAJIT MONDAL	12000713026		
BITAN KUMAR MANI	12000713027		
DEBDIPTA MAZUMDAR	12000713028		
DEBMALYA CHOWDHURY	12000713029		

**PROJECT: B-TECH 2017-18**

<b>Name of the students</b>	<b>University roll number</b>	<b>Title of the Project / thesis</b>	<b>Name of the supervisor (2017-18)</b>
RITWIK DHAR	12000714087	LIFT TABLE USING SCISSORS MECHANISM	PROF. S.C.CHAKRABARTY
ROHIT KUMAR	12000714088		
ROHIT ROSHAN	12000714089		
SAHEB MAHAMMED	12000714091		
SANJEEV KUMAR SHAHI	12000714093		
SATYAM	12000714094		
SATYAM KUMAR	12000714095		
SAUBHIK CHAKRABORTY	12000714096		
SAURABH KUMAR SINGH	12000714097		

**PROJECT: M-TECH 2016-17**

<b>Name of the students</b>	<b>University roll number</b>	<b>Title of the Project / thesis</b>	<b>Name of the supervisor (2016-17)</b>
<b>BISHWAJEET RANJAN</b>	<b>12012414002</b>	<b>PERFORMANCE AND ANALYSIS OF COMBINED HEATING AND COOLING SYSTEM WORKING ON DIFFERENT REFRIGERANT</b>	<b>Dr.SUBRATA SAMANTA PROF.S.C.CHAKRABARTY</b>

**Invited Lectures:Nil**

**Participation in seminar/conference/symposium/workshop/discussion meeting:Nil**

**Participation in faculty development programmes:Nil**

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

**Participation in administrative committees (selected)**

Chairman T & P Committee 2019,2020

Co-ordinator Routine Committee 2016,2017,2018,2019,2020

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

**Membership of professional bodies: IEEE, IETE, IEL, CSI, MGMI etc. Nil**