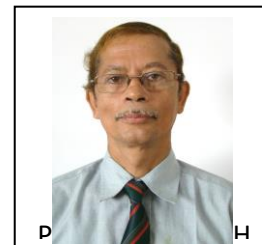


Name: Mr SHIVABRATA MOJUMDAR

Department: MECHANICAL ENGINEERING

Contact Nos.: 8116955701



Qualifications: BE (ME), MTECH. (MACHINE DESIGN)

Designation: ASSISTANT PROFESSOR

Experience (Teaching/ Research/ Industry, in years): Teaching: 19 years
Industry: 21 years

Date of Joining at the Present Institution: 16/09/2004

Examinations Cleared: NET-CSIR/GATE NA

Qualifications Summary (Reverse chronological order):

Degree	Institute	From - To	Subjects
MTECH(Machine Design) Part time 3years course, sponsored by the employer MAMC Ltd.	Regional Engineering College, Durgapur. (presently known as NIT, Durgapur)	1982 - 1985	Advanced machine design, Vibrations, Gear Drives, Mechanisms, Photo elasticity, Feed back control system, Theory of Elasticity and Plasticity, Fatigue fracture and Composites, Hydrodynamic Bearings, Balancing, Higher Mathematics etc.
BE	Regional Engineering College, Durgapur	1974 - 1979	Mechanical engineering, Basic science and Humanities papers.

Experience Summary (In chronological order):
Designation, Organization, Date From - Date To

Designation	Organization	Date From - Date To
Junior Research Fellow	CMERI, Durgapur	05/02/1980 - 22/06/1980
Graduate Apprentice	MAMC Ltd.	23/06/1980 - 22/06/1981
Assistant Engineer	MAMC Ltd.	23/06/1981 - 31/12/1988
Executive Engineer(Design Engineer)	MAMC Ltd.	01/01/1989 - 31/10/2000 VSS opted on 31/10/2020

Executive Engineer(Design Engineer)	MAMC Ltd.	02/01/2001 - 31/08/2001 Contractual Basis
Visiting Faculty	Regional Engineering College, Durgapur.	02/09/2001 - 30/07/2002
Lecturer	Mallabhum Institute of Technology,	01/08/2002 - 15/09/2004
Lecturer	Dr. B.C. Roy Engineering College	16/09/2004 - 30/06/2007
Sr. Lecturer	Dr. B.C. Roy Engineering College	01/07/2007 - 30/06/2010
Assistant Professor(Gr.2)	Dr. B.C. Roy Engineering College	01/07/2010 - 31/07/2018
Assistant Professor (Contractual Basis)	Dr. B.C. Roy Engineering College	02/08/2018 -

Specialization/Research Interest: Design of material handling equipments

Awards & Recognitions

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

Scholarship awarded by the Regional Engineering College, Durgapur for five years in the graduation level

Courses taught:

B.Tech:

Theory: Engineering Mechanics, Strength of material, Mechanism, Dynamics of Machines, Machine Design.

Practical & sessional: Engineering graphics, Applied Mechanics/Strength of material lab. Dynamics of machine Lab, Design of mechanical system, Projects

M.Tech:

Theory: Design of Material Handling Equipments

Online Mode of Teaching:

Google Form of Google Drive is used for continuous evaluation, Lecture notes are provided for every lesson in pdf format via email.

Publications:

Journal:

Shivabrata Majumdar, Chandan Chattoraj. "Influence of vibrations on Two - wheeler Rider", The Bulletin of Engineering & Science., 2017, 8, (1), pp. 18 - 23, ISSN: 0974 7176

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

B.Tech Projects:

Name of the student	university roll number	Name of the supervisor	Title of the Project / thesis	Year
NISHANT KUMAR	12000712163	SHIVABRATA MOJUMDAR	RACK AND PINION PRESS	2016
NITISH KUMAR	12000712164			
NUR ALAM	12000712165			
PARIJAT PARINAY	12000712166			
PIYUSH KUMAR	12000712167			
PIYUSH PRATIK	12000712168			
PRABHAS PATHAK	12000712169			

Name of the student	university roll number	Name of the supervisor	Title of the Project / thesis	Year
RAM PRASAD SAMANTA	12000713074	SHIVABRATA MOJUMDAR	COAL GASIFICATION IN FLUIDIZED BED SYSTEM	2017
RAM PRIYA	12000713075			
RAVIKANT KUMAR	12000713076			
RAVINDER KUMAR	12000713077			
RHISAV CHOUDHURY	12000713078			
RISHI KUMAR	12000713079			

Name of the student	university roll number	Name of the supervisors	Title of the Project / thesis	Year
AMRIT KUMAR DAS	12000714014	DR. CHANDAN CHATTORAJ & SHIVABRATA MOJUMDAR	DESIGN AND CONSTRUCTION OF A SPRING STIFFNESS TESTING MACHINE	2018
ANAND ABHISHEK	12000714015			
ANIRBAN PATRA	12000714016			
ANKIT KUMAR	12000714017			
ANKIT KUMAR	12000714018			
ANKUR KUMAR	12000714019			
ANURAG KUMAR	12000714020			
ANURAG SINGH	12000714021			
ANURAJ MISHRA	12000714022			
ARABINDA GHOSH	12000714023			
ARITRA GHARA	12000714024			
ARUP NANDI	12000714025			
ASHISH ANAND	12000714026			

Name of the student	university roll number	Name of the supervisors	Title of the Project / thesis	Year
AMRIT KUMAR JHA	12000715014	DR. CHANDAN CHATTORAJ & SHIVABRATA MOJUMDAR	SOLAR WATER PUMPING USING PENDULUM BASED STORED ENERGY SYSTEM	2019
ANIKET KUMAR SINGH	12000715015			
ANSHU KUMAR SINGH	12000715016			
ANUPAM GUHA	12000715018			
ARINDAM GHOSH	12000715019			
ARPAN NASKAR	12000715020			
ARYAN ANAND	12000715021			
ASHISH ANAND	12000715022			
ASHISH RANJAN	12000715023			
ASIF JAWAID	12000715024			
AVINASH KUMAR	12000715025			
AVINISH BHARTI	12000715026			

Name of the student	university roll number	Name of the supervisors	Title of the Project / thesis	Year
YUVRAJ SINGH UJJWAL	12000716032	DR. CHANDAN CHATTORAJ & SHIVABRATA MOJUMDAR	SOLAR POWER AUTOMATED VERTICAL SLIDING GATING SYSTEM	2020
WRIZU BASAK	12000716033			
VISHAL KUMAR MAHATO	12000716034			
VIKASH KUMAR	12000716035			
UJJAWAL KUMAR	12000716036			
TANMOY KUMAR MONDAL	12000716037			
SWAYAMBHU GHOSH	12000716038			
SWARN SATYAM	12000716039			
SURAJ GHOSAL	12000716040			
SUNNY KUMAR BURNWAL	12000716041			
SUMIT KUMAR	12000716042			
SUMIT KUMAR	12000716043			
SUMAN MANDAL	12000716044			
SUGAM KUMAR	12000716046			

* Various experiments/test were carried out for MTech projects in the Applied Mechanics lab/Strength of Material lab. (Year 2010 to 2020)

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

Name of the event	duration	Year	Organized by
Technical workshop on recent trends in machine intelligence, data mining and soft computing techniques and its impact on research and development	2 days 23/11 – 24/11/2013	2013	R &D Centre of Dr. B.C. Roy Engineering College
Seminar on “Advances of Welding Technology”	1day (07/02/2015)	2015	R &D Centre of Dr. B.C. Roy Engineering College
Seminar on” Advances in Nano- Satellite Technology”	1day (04/11/2015)	2015	R &D Centre of Dr. B.C. Roy Engineering College
Seminar on “Theory of Innovation”	1day (14/11/2017)	2017	R &D Centre of Dr. B.C. Roy Engineering College

Participation in faculty development programmes

Face-to-face

Name	From Date – To Date	Duration	Year	Organized by
Workshop cum Training Programme on Manufacturing Drawing, Design & Analysis using High End Software	July 11 to 13	3 days	2007	CMERI, Durgapur

Participation in administrative committees (selected) :

Name of the post: Library Co-ordinator of Mechanical Engineering Department

Name of the committee: Library Committee

Year: 2010 to 2017

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

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

NA