

Name: MD. HAMJALA ALAM

Department: Civil Engineering

Contact Nos.: 8101552649/9474052891

Qualifications: M.Tech

Designation: Assistant Professor

VIDWAN ID: 186488

Experience (Teaching / Research / Industry, in years): 7 Years 2 Months

Date of Joining at the Present Institution: 21/08/2014

Examinations Cleared: Nil

Qualifications Summary (Reverse chronological order):

Degree	Institute	From	To	Subjects
M.Tech	Indian School of Mines, Dhanbad.	2012	2014	Environmental Science & Engineering
B.Tech	Narula Institute of Technology, Kolkata. (W.B.U.T)	2007	2011	Civil Engineering
Higher Secondary (12 th)	Kendriya Vidyalaya (C.B.S.E)	2006	2007	Physics, Chemistry, Maths, English, Hindi.
Secondary (10 th)	D.A.V. Public School (C.B.S.E)	2004	2005	Maths, Science & Technology, Social Science, English, Hindi.

Experience Summary (In chronological order):

Designation	Organization	Date From	Date To
Assistant Professor	Dr. B. C. Roy Engineering College	21/08/2014	Till Date



Specialization/Research Interest: Environmental Science & Engineering

Awards & Recognitions

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

Courses taught:

B.Tech :

Theory	<ol style="list-style-type: none">1. Environmental Pollution & Control Engineering (CE 801A)2. Environmental Engineering (CE701)3. Fluid Mechanics (CE401)4. Surveying (CE302)5. Highway & Transportation Engineering (CE601)6. Concrete Technology (CE503)7. Introduction to Civil Engineering CE(HS)3028. Environmental Engineering-I CE(PC)4029. Introduction to Fluid Mechanics CE(ES)40110. Environmental Engineering-II CE(PC)50511. Air and Noise Pollution & Control CE(PE)703A12. Constitution of India CE(MC)501
Practical	<ol style="list-style-type: none">1. Environmental Engg Lab CE7912. Highway & Transportation Engg Lab CE6913. Detailing of RC and Steel Structures CE6924. Soil Mechanics Lab – II CE5915. Concrete Laboratory CE5926. Seminar CE6817. Fluid Mechanics Lab CE4918. Surveying Practice I CE3929. Building Design & Drawing CE393

Online Mode of Teaching:

Online teaching method adopted- Classes conducted through Google Meet and Lab Videos shot and prepared in labs and conducted through Google Meet, Pdf Notes, PPTs, MCQ Quizzes through Google Form shared in Email. Assessment method adopted- CAs and PCAs conducted through MCQ Quiz and numerical/short answer type questions conducted in Google Form.

Publications:

Journal:

1. **Alam, H.**, Roy, S. & Banerji, A. K. “Management of Fly Ash: A Review”, The Bulletin of Engineering and Science, 2015, Vol. 6, No. 2, pp. 33-36, ISSN 0974 7176.
2. Roy, S., **Alam, H.**, & Banerji, A.K. “A Study of Soil Constitutive Model Parameters”, The Bulletin of Engineering and Science, 2015, Vol. 6, No. 2, pp. 1-4, ISSN 0974 7176.
3. Banerji, A.K., Sengupta, S., **Alam, H.**, & Roy, S.” Forecasting Vehicle Kilometre Travelled in India’s Top Four Metropolitan Cities”, The Bulletin of Engineering and Science, 2015, Vol. 6, No. 2, pp. 8-16, ISSN 0974 7176.
4. **Alam, H.**, Roy, S., Banerji, A. K., & Das, C.” Effects of Coal based Thermal Power Plants on Water”, The Bulletin of Engineering and Science, 2015, Vol. 7, No. 1, pp. 37-40, ISSN 0974 7176.
5. Banerji, A. K., Das, C., Roy, S. & **Alam, H.**, “Optimization of Travel Time Cost. The Bulletin of Engineering and Science”, 2015, Vol. 7, No. 1, pp. 51-54, ISSN 0974 7176.

Conference:

1. **Alam, Md. H.**, Gayen, S. “A Review on Integrated Water Resources Management for Solving Water-related Issues”, International Conference on Architecture, Civil and Environmental Engineering, Vol. 6, Issue 5, July-September, 2019, pp. 325-327, International Conference, ACEE, Print ISSN: 2349-8404, Online ISSN: 2349-879X.

2. Gayen, S., **Alam, Md. H.** “Hydrological Modeling for Assessment of Future Run off Potential of upper Dwarakeswar Watershed Amid Changed Climate Scenario”, International Conference on Architecture, Civil and Environmental Engineering, Vol. 6, Issue 5, July-September, 2019, pp. 336-340, International Conference, ACEE, Print ISSN: 2349-8404, Online ISSN: 2349-879X.

Book: Nil

Book Chapter: Nil

Supervision of B.Tech Projects:

Name of the student/s (with university roll number)		Title of the Project	Year
Kaustav Chowdhury	(12001312013)	Design of MarketComplex.	2016
Kushal Bera	(12001312014)		
Pritam Kumar	(12001312026)		
Purushottam Kumar	(12001312028)		
Rahul Sinha	(12001312029)		
Sabir Ahamed Khan	(12001312035)		
Sajan Kumar Thakur	(12001312037)		
Sameer Kumar Suman	(12001312038)		
Anirban Mandal	(12001313008)	Waste Water Characterization & Development of a Waste Water Treatment Plant	2017
Anjan Banerjee	(12001313009)		
Ankit Gupta	(12001313010)		
Anurag Saha	(12001313013)		
Aritra Roy	(12001313016)		
Avishek Ganguly	(12001313022)		
Dhriti Sundar Banik	(12001313035)		
Hrishin Ghosh	(12001313040)		

Subhajit Malakar	(12001314102)	Assessment of the Ground Water Quality of Durgapur Region	2018
Subham Dey	(12001314103)		
Subhendu Das	(12001314104)		
Sujoy Mukherjee	(12001314106)		
Susanta Sen	(12001314111)		
Moumita Panda	(12001315138)		
Rupchand Biswas	(12001315144)		
Abhijit Kundu	(12001315002)	Characteristics of Water Quality around a typical Steel Plant in Durgapur.	2019
Arijit Som	(12001315028)		
Atim Mishra	(12001315031)		
Krishnendu Banerjee	(12001315044)		
Mukesh Maji	(12001315063)		
Souvik Kundu	(12001316001)		
Saptarshi Bera	(12001316004)		
Rathindra Nath Dutta	(12001316007)	Step by Step Design of a Wastewater Treatment Plant	2020
Aqueel Mohammad Iqbal	(12001316123)		
Anurag Ranjan	(12001316124)		
Anupam Pal	(12001316125)		
Ankit Suman	(12001316126)		
Ankit Shyam Choubey	(12001316127)		
Ankit Kumar	(12001316128)		
Animesh Mondal	(12001316129)		
Anand Raj	(12001316130)		
Ajay Prakash	(12001316136)		

Anik Roy Chowdhury	(12001317023)		
Prem Kumar Patel	12001317054	Assessment and Characterization of waste water in and around Dr. B. C. Roy Engineering College	2021
Prasanjit Prasad	12001317055		
Pranit Kr Bhargava	12001317056		
Moinak De	12001317066		
Md Anas Hassan	12001317067		
Md Sahil Raza	12001317068		
Md Khowaza Rahmat Raza	12001317069		
Md Kamran	12001317070		
Love Kumar Mahto	12001317072		

For Ph.D : Nil

Invited Lectures: Nil

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

Name of the event	Title	Duration	Year	Organized by
Seminar	Recent Approaches to Water Resource Management	2 Days (9-10 th December)	2013	CME, Dept. of Environmental Science and Engineering
	Advances in Nano-Satellite Technology	1 Day (4 th November)	2015	R & D Centre of Dr. B. C. Roy Engineering college
	Climate Change and Water Crisis	1 Day (21 st June)	2019	Dept. of Civil Engineering, IEST Shibpur.
	Teaching & Learning Skill Development	1 Day (22 nd August)	2019	IEEE, Student Branch & IEI, Student's Chapter, BCREC

Workshop (Online)	Orientation Workshop on Challenge of mitigating toxic emissions from vehicles: Special focus on on-road emissions.	1 Day (26 th June)	2020	Orientation Workshop, Centre for Science and Environment (CSE)
	International Webinar on Recent Trends in Concrete Pavement	2 Days (19 th -20 th June 2020)	2020	CSIR-Central Road Research Institute, New-Delhi in association with Indian Concrete Institute (ICI) Ghaziabad.
	Adaptation of Emerging Technique in Structural & Geotechnical Engineering	2 Days (3 rd -4 th & August)	2020	Department of Civil Engineering, Dr. B. C. Roy Polytechnic, Durgapur.

Participation in faculty development programmes :

Name of the faculty development programmes	Online / Face-to-face	From Date	To Date	Duration	Year	Organized by
Behavioural Remodeling with Mentoring Pedagogy and Need of Mental Health sessions for Classroom Delivery of Teachers	Face to face	8 January	12 January	5 Days	2020	E&ICT Academy IIT Guwahati in association with Dr. B. C. Roy Polytechnic, Durgapur.

Inculcating Universal Human Values in Technical Education.	Online	18 January	22 January	5 Days	2021	All India Council for Technical Education (AICTE)
Green Technology and Sustainability Engineering	Online	5 July	9 July	5 Days	2021	AICTE Training And Learning (ATAL) Academy
3D Printing Technology	Online	12 July	16 July	5 Days	2021	AICTE Training And Learning (ATAL) Academy
Natural Hazards	Online	January	March	8 Weeks	2021	NPTEL-AICTE FDP

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

Participation in administrative committees (selected) :

Name of the post (Convener/Joint Convenor/Member secretary/Co-ordinator etc.)	Name of the committee	Year
Convener	Departmental Academic Committee (DAC)	2015 to Till Date
Member	Question Paper Moderation Committee	2020 to till Date
Member	Marks Moderation Committee	2020 to till Date
Faculty Co-ordinator	ISTD Certification for Active Participation in pre-placement Professional Training Program	2018

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

Title of the Project- Investigation of Public Health Impacts and Traffic Management due to Traffic Congestion around Schools in Urban Areas: A Case Study in Durgapur.

Submitted to The Special Secretary, Government of West Bengal (Department of Higher Education Science & Technology Branch and Biotechnology Branch), Vigyan Chetana Bhavan, DD-26/B, Sector I, Salt Lake, Kolkata 700064.

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