

Name: DR. SAURAV RANJAN DAS



Department: Basic Sc. And Humanities (ME)

Contact Nos.: 9434353309

Qualifications: M.Sc., Ph.D

Designation: Associate Professor

VIDWAN ID: 180578

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

Date of Joining at the Present Institution: 09.09.2002

Examinations Cleared: NET-CSIR and GATE

Qualifications Summary (Reverse chronological order):

Degree	Institute	From - To	Subjects
Ph.D	IIT, Bombay	1993-2000	Chemical Engineering
M.Sc	IIT, Kharagpur	1991-1993	Organic Chemistry
B.SC	Calcutta University	1987-1991	Chemistry Honours

Experience Summary (In chronological order):

Designation	Organization	Date From - Date To
Guest Faculty	Kalyani Govt. Engg. Coll	1999-2002
Lecturer	Dr. B.C.Roy Engg. College	2002-2004
Sr. Lecturer	-do-	2004-2006
Assistant Professor	-do-	2006-2010
Associate Professor	-do-	2010-till date

Specialization/Research Interest:

Membrane casting and Characterisation, Enzyme Immobilisation, Reaction Engineering, supercritical Extraction of Natural Products.

Awards & Recognitions

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

- MCM Scholarship at IIT Kharagpur
- CSIR fellowship
- GATE Scholarship

Courses taught:

Chemical Process Principle (IT)- Kalyani Govt. Engg College

Chemistry-1: BSCH-101/BSCH-201

Chemistry-1 Lab: BSCH-191/BSCH-291

Basic Environmental Engg. And Elementary Biology: CH-301/CH-401

Environmental Science: MC-301/MC-401/MCEE-401/MCSE-301

Environmental Science: MC-481 (Lab)

MCA: Specify the name of the subject/s

Environment and Ecology: HU-401

Online Mode of Teaching:

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)

Online Teaching/assessment Method	Meeting Link and Date	Lecture notes Drive Link/ Meeting Link
Google meet	meet.google.com/pjh-szeb-dpz 26/10/2021	https://drive.google.com/file/d/1dMTCdqbA0NR-LhvpnZEwQpDZJIGoSlbR/view?usp=sharing
-do-	meet.google.com/nsu-dphb-usy 26/10/2021	https://docs.google.com/forms/d/14I33_aeVZxFQ2P-WC7sJQNCNAHAuOrN2a7BCeyWPSJ0/edit?usp=sharing

Publications:

Journal:

1. Name of the authors as appeared in the paper (**Make bold font for own name**), "Title of the paper", "Name of the Journal", Year of Publication, Volume No, Issue No, Page No, ISBN/ISSN number

DOI: [10.1109/TAP.2009.2016727](https://doi.org/10.1109/TAP.2009.2016727)

Link : http://mjcl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=*0018-926X

Link of the recognition in UGC enlistment of the Journal: **(UGC CARE LIST)**

Ex: 1. Costa, J., Medeiros, C., Fernandes, C. "Performance of a crossed exponentially tapered slot antenna for UWB systems", IEEE Trans. Antennas Propag., 2009, 57, (5), pp. 1345-1352, ISSN 1064-1246

Conference Attended as Author:

1. **Saurav Das**, S.k.Gautam et.al. "MBST in Biotechnological/ Biomedical Engineering Applications" Indo-French International Meet and XIII conference of Indian Membrane Society, 1995. Karnatak University, Dharwad.
2. **S. Das**, M.K.Trivedi et.al. "Studies on the conversion of dextrose into fructose by Isomerase immobilization with recycling of enzyme by membrane reactor" XV National conference of Indian membrane Society, 1997. Central Glass and Ceramic Research Institute, Kolkata.
3. **Saurav R. Das** and S. Basu "Studies on Enzymatic Conversion of Starch into high fructose syrup" National Seminar of Chemical Engineering and technology students" Osmatech "95, 1995. University college of technology, Osmania University, Hyderabad.

Invited Lectures:

Topic of the lecture, Name of the event, organized by, Date

Topic	Name of the Event	Banner	Date	Year
21 st Century skill Development in the light of AICTE IDEA Lab	21 st Century skill Development in the light of AICTE IDEA Lab	R & D Cell, BCREC	30 th July	2021

Participation in seminar/conference/symposium/workshop/discussion meeting (Online)

Sl. No.	Name of the event	duration	Year	Organized by
1	"STTP on Research Methodology and Intellectual Property Right(IPR)"	two weeks 13.04.20- 24.04.20	2020	NITTTR, Kolkata
2	"AWS live Class" webinar	30.04.2020	2020	Amazon (AWS)
3	"Celebrate Biodiversity and Environment" webinar	06.06.2020	2020	Dr.B.C.Roy Polytechnic
4	"Engineering Tomorrow" webinar	13.06.2020	2020	ABP Education
5	"New Horizons of Chemistry"	19.06.2020	2020	Bidhanchandra

	International Webinar			College, Asansol
6	"Fundamentals of Combustible Dust" webinar	11.06.2020	2020	ELSEVIER
7	"How to Tackle Stress during Covid-19 lockdown" webinar	22.05.2020	2020	BCRCP and Mission hospital
8	"India first Leadership talk" webinar	13.06.2020	2020	MHRD innovation cell
9	"Media Educators Round Table" webinar	06.06.2020	2020	ABP Education
10	"Mindset Crafting and Employment enhancement Technique"	26.05.2020	2020	Dr.B.C.Roy Polytechnic
11	"Precision Analytics for Research Excellence" webinar	09.06.2020	2020	ELSEVIER
12	"VCs' Round Table- Higher Education beyond COVID-19" webinar	30.05.2020	2020	ABP Education
13	Certificate course on "Coronavirus 2019"	09.04.2020	2020	NEJM, Harvard Learning Pathology Lab
14	National webinar on "Positive Communication Beyond Pandemic Grief"	30.05.2020	2020	St. Cyril's College, Adoor
15	"Role of Science and Technology towards a self Reliant india" Web Seminar	24.05.2020	2020	India Council, IEEE
16	"Psychological Counseling" Webinar	18.05.2020	2020	MAKAUT
17	"Enterprise Architecture and Security	21.01.2020	2020	BCREC, BCRCP and IEEE
18	"Research methodology" National Webinar	12.06.20-13.06.20	2020	Loyola College, TN
19	"Hospitality Management" Webinar	20.06.20	2020	ABP Education
20	"Mind Full to mindful" Webinar	23.06.20	2020	Dr. M.G.R. Educational and Research Institute
21	"Ground Water Strategies" Webinar	24.06.20	2020	ELSEVIER
22	"Advanced Functional Materials for Biomedical and Energy" International Webinar	24.06.20-25.06.20	2020	Loyola College, TN
23	"MOODLE Learning Management System" Webinar	24.03.2020	2020	IIT, Bombay
24	"India first Leadership talk" webinar	27.06.2020	2020	MHRD innovation cell
25	"Design Education: The New Future"	27.06.2020	2020	ABP Education

Participation in seminar/conference/symposium/workshop/discussion meeting (Onsite)

Sl.No	Name	Year	Organiser
1	Two week workshops on fermentation	1995	National Chemical Lab, Pune
2	One week workshop on water Analysis	2003	NITTTR, Salt Lake, Kolkata
3	One Week Theoretical Research studies	2004	CTS centre, IIT, Kharagpur
4	One week workshop on advanced pollution	2005	NITTTR, Salt Lake,

	analysis and control		Kolkata
5	Recent trends in research on Chemistry	2007	Asansol Engg. College

Participation in faculty development programmes

Sl. No.	Name	Mode	From To	Duration	Year	Organised by
1	"Mastering the art of Handling Post Covid Challenges for sustainable Development"	Online	19.05.2020 to 23.05.2020	One Week	2020	Dr. M.G.R. Educational and Research Institute
2	"Virtual teaching Learning MOODLE the efficient way"	Online	29.05.20 to 30.05.20	Two Days	2020	Dr. M.G.R. Educational and Research Institute
3	"Role of Technology in a Post Covid World"	Online	12.06.2020	One Day	2020	R.M.K.Engineering College, Bengaluru
4	"Pedagogy"	Online	29.06.20-06.07.20	Eight days (40 hrs)	2020	BCREC and IITG, ENICT Academy
5	Research Methodology and Intellectual Property Right (IPR)	Online	13.04.20-24.04.20	Two Weeks	2020	National Institute of Technical Teachers Training and Research, Kol
6	Higher Education 2020	Online	08.07.20-12.07.20	One Week	2020	College of Engineering, Osmanbad
7	Alternate Fuels	Online	07.09.20-11.09.20	One Week	2020	AICTE-ATAL Academy
8	Waste Technology	Online	12.10.20-16.10.20	One Week	2020	AICTE-ATAL Academy
9	Assessment and Utilization of Renewable Energy Resources	Online	13.09.21-17.09.21	One Week	2021	AICTE-ATAL Academy

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

Name of the Event	Banner	Date	Year
21 st Century skill Development in the light of AICTE IDEA Lab	R & D Cell, BCREC	30 th July	2021
Emerging Applications of Radiation in Nanotechnology	R & D Cell, BCREC	26 th Feb	2021
Trends in Nanotechnology	R & D Cell, BCREC	20 th Oct	2021

IMPLEMENTATION OF National Education Policy (NEP) 2020	BCREC	16th April	2021
Innovative Waste Management Technologies	BS & Hu	25th Jan	2021
Strategic Communication Management	BS & Hu	21st July	2018

Participation in administrative committees (selected)

Convenor, Departmental Academic Council, Department of Basic Science and Humanities

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