

Dr. Joyoti Biswas

Patent Associate

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Profile

With a background in Analytical Chemistry, medicinal chemistry, Bioprocess engineering, worked as an Assistant Professor in reputed engineering colleges and presently engaged as Patent Associate (**IN/PA-5825**) in an IP Firm in Kolkata with skills in Patent Drafting, conducting search, handling hearing and Pre-grant oppositions.

Professional Experience

Patent Associate, Anjan Sen & Associates Engaged in Patent Drafting, conducting search, handling hearing and Pre-grant oppositions.	11/2020 – present Kolkata, India
Assistant Professor, JIS Group of Colleges Teaching Applied chemistry and Environmental chemistry and was also Head of the Department in basic sciences.	08/2009 – 05/2019 Kolkata, India
Senior chemist, Pollution Analyzer Consultant	02/2007 – 07/2008 Kolkata, India
Post Doctoral Fellow, Indian Association For Cultivation of Science Senior Research Fellow in CSIR funded project.	02/2006 – 02/2007 Kolkata, India

Education

Ph.D (Science), Jadavpur University Engaged in active research in UGC funded Project titled "Biogas Generation from Food/Vegetable wastes."	2001 – 2006 Kolkata, India
M.Sc Analytical Chemistry, Benaras Hindu University (BHU)	1994 – 1996 Varanasi, India
B.Sc Chemistry Hons., Benaras Hindu University (BHU)	1991 – 1994 Varanasi, India
Class XII (ISC), De-Nobili School	Dhanbad, India
Class X (ICSE), Mount Carmel School	Dhanbad, India

Publications

Kinetic Studies of Biogas Generation Using Municipal Wastes as Feed Stock.,
Enzyme and Microbial Technology, Elsevier

Experimental studies and Mathematical Modeling of a semi batch Bio digester using Municipal Market Waste as feed stock, *Indian journal of Biotechnology*

Mathematical modeling for the prediction of biogas generation characteristics of an anaerobic digester based on food/vegetable residues, *Biomass and Bioenergy, Elsevier*

Evaluation of various method and efficiencies for treatment of effluent from iron and steel industry,
International Journal of Mechanical Engineering and Robotics Research

Determination of growth kinetics of isolated consortia for biogas generation, *IEEE explore*

Determination of Yield Coefficients of Methane and Carbon-dioxide in Methanogenesis to Predict the Overall Performance of a Biogas Digester, *Springer LNNS*

Languages

- English
- Hindi
- Bengali

Interests

- Singing

References

Prof. Pinaki Bhattacharya, *Head Of Innovation Cell,* Heritage Institute of technology

Prof. Ranjana Chowdhury, *Professor,* Jadavpur University