

Short CV of Dr. D Mondal: Dr. Dibyendu Mondal is an assistant professor at CNMS, JAIN (Deemed-to-be University) since July 2017 and ERA chair holder in the NANOPLANT project at IPG PAS, Poznan, Poland. He received PhD in Chemical Science from CSIR-CSMCRI, India in 2015. From 2015–2017 he was a postdoc at CICECO, University of Aveiro, Portugal. His main research areas focus on the value addition of bioresources within the biorefinery concept; green solvents mediated packaging of biomolecules. He is also fascinated by designing green nanocomposites for task-specific applications such as biocatalysis, water purification, and in plant science.

Career profile

MSc, Chemistry (2009-2011): IIT-Guwahati

PhD, Chemical Science (2011-2015): CSIR-CSMCRI, *Thesis title: Study of bioresources forenergy and advanced material: A sustainable point of view,*

Guide: Prof. Pushpito K. Ghosh; Co-guide: Dr. K. Prasad **Postdoctoral research**

(2015-2017): CICECO-Aveiro Institute of Materials, University of Aveiro,

Portugal. (Mentor: Dr. Mara G Freire and Prof. Joao A P Coutinho) **Assistant**

professor (2017-till date): Centre for Nano and Material Sciences, Jain University, Bangalore, India

Research achievements

Research experience: ~7 yrs after PhD

- **Paper published: 72** in international peer-reviewed journals (**25** as the corresponding author since 2017) with cumulative Impact Factor >500 and Avg IF= ~7. Total citation 2650; h-index 25 (Google scholar).
- **Patent: 15 patent** applications (**5** granted; **4** as PI)
- **Book chapter: 4; Conferences: >40; Invited talk: 6**
- Experience in the organization of 2 international conferences as a **Co-convener** and **coordinat**

or Awards

- CSIR-NET Fellowship, 2010 & 2011
- Qualified GATE, 2010
- 3 best posters and 1 best oral presentation
- FCT-Portugal postdoc fellowship, 2017
- *Member of the Royal Society of Chemistry (MRSC)*
- *ERA chair holder at IPG PAS, Poznan, Poland*

Research Group

- **Topic: Green Chemistry & Protein Packaging**
- **PhD Students: 3** as a guide (completed) and 01 ongoing.

- **Master students:** 3 completed

Research Funding

Research projects as PI: (i) 01 research project (Rs. 10 Lakhs) funded by JAIN (Deemed-to-be University) has been completed; (ii) 01 research project (Rs. 5 Lakhs) funded by Royal Society of Chemistry, London has been completed; (iii) 01 research project (Rs. 35.6 Lakhs) funded by DST-SERB, Govt. of India has been completed; (iv) 01 research project (Rs. 30 Lakhs) funded by DST-SERB, Govt. of India is ongoing.

Selected publication: (1) Mondal and co-workers, *Green Chemistry*, 2017, 19, 4900-4911; (2)

Mondal and coworkers, *Green Chemistry*, 2018, 20, 3711-3716; (3) Mondal and co-workers,

Chemical Communication, 2019, 55, 5747-5750; (4) Mondal and co-workers, *Adv. Optical*

Mater., 2020, 1902022; (5) Mondal and co-workers, *Chem. Commun.*, 2020, 56, 9659-9662.

(6) Mondal and co-workers, *Journal of Material Chemistry A*, 2019, 7, 4988-

4997; (7) Mondal and co-workers, *ACS Sustainable Chemistry and Engineering* 2019, 7, 10143–10153;

(8) Mondal and co-workers, *ACS Appl. Bio Mater.*, 2020, 3, 8, 5233–5243.

A list of full articles can be found on following website:

<https://scholar.google.co.in/citations?hl=en&user=-uuw1YsAAAAJ> <http://orcid.org/0000-0002-1715-5514>