

Dr. PRADIPTA KUMAR BASU



Designation: Associate Professor (WBES) & Head, Department of Chemistry

E-Mail: pkbasu74@gmail.com

ACADEMIC RECORDS:

B.Sc (Hons): (First Class First), University of Kalyani, 1996

M. Sc (Organic Chemistry, Spl): (First Class First), University of Kalyani, 1998

Ph.D: (SYNTHETIC ORGANIC CHEMISTRY), 2003, **Supervisor:** Prof. (Dr.) K. C. Majumdar, University of Kalyani

Post-Doctoral Research: University of Barcelona, Spain (2007-08) **Supervisor:** Prof. (Dr.) M. L. Bannasar, Prof. (Dr.) Asensio Gonzalez and Prof. (Dr.) Concepción López

RESEARCH PROJECTS:

(a) DST FASTRACK MAJOR PROJECT (b) UGC MINOR PROJECT

PROFESSIONAL RECOGNITION, AWARDS, FELLOWSHIPS RECEIVED:

(a) **BOYSCAST Fellowship**, 2006-07, under Department of Science and Technology, New Delhi, Government of India,

(b) **NET (National Eligibility Test)** 1999, Organized by CSIR and UGC, New Delhi, (Government of India).

(c) **SLET (State Level Eligibility Test)** 1999, Organized by College Service Commission, West Bengal

(d) **National Merit Scholarship** for being First class 1st in B. Sc (Honours) in Chemistry and First class 1st in M.Sc in Chemistry from Ministry of Human Resource Development, New Delhi, Govt. of India.

(e) **Speech in National Seminar:** Delivered invited Lecture in UGC sponsored National Seminar held in University of Burdwan (2011) and SRM University, Chennai (2011) (Workshop)

(f) **Reviewer of International Journals:** (i) *American Chemical Society* (ACS Publications), (ii) *International Journal of Chemistry and Research Environment*, (iii) *Journal of Indian Chemical Society*, (iv) *Bulgarian Chemical Communication*, (v) *Combinatorial Chemistry and high throughput screening* (Bentham Science Publishers).

(g) **Registered Research Guide:** Registered Research Guide under University of Burdwan

LIST OF SELECTED PUBLICATIONS:

I. *Journal of Organometallic Chemistry*, Volume: 828, Pages: 122-132, Year: 2017.

II. *American J. Experimental Biology*, Pages: 1-18, Year 2016.

III. *Eur. J. Inorg. Chem.* Pages: 3781-3790, Year: 2015.

IV. *J. Chem. Science*, Volume: 126, Pages:1635-1640, Year: 2014.

V. *Iranian Journal of Chemistry*, Volume: 10, Pages: 55-62, Year: 2013.

VI. *Int. J. Org. Chem*, Volume: 3, Pages: 176-184, Year: 2013.

VII. *RSC Advances*, Volume: 2, Pages: 1986-2002, Year: 2012.

VIII. *Organic Chemistry International*, Pages: 1-7, Year: 2012.

IX. *Journal of Molecular Structure*, Volume: 999, Pages: 49-59, Year: 2011.

X. *Journal of Organometallic Chemistry*, Volume: 694, Pages: 3633-3642, Year: 2009.

XI. *Current Organic Chemistry*, Volume: 13, Pages: 599-645, Year: 2009.

XII. *Tetrahedron*, Volume: 61, Pages: 10603-10642, Year: 2005

XIII. *Heterocycles*, Volume: 63, Pages: 1903-1957, Year: 2004.

XIV. *Tetrahedron*, Volume: 60, Pages: 6239-6278, Year: 2004.

XV. *Tetrahedron*, Volume: 59, Pages: 2151-2157, Year: 2003.

	All	Since 2013
Citations	455	157
h-index	9	6
i10-index	8	5

Dr. DEBASISH KUNDU

Designation: Assistant Professor (W. B. E. S.)

E-Mail: debiitkgp123@gmail.com,

Website: www.debasishchemistry.weebly.com

Research Interests: Transition metal catalysis, Photocatalysis, Green Chemistry
(H-index = 13, i10-index = 14, Total citations = 493)



Academic Record:

B.Sc : Visva-Bharati University (**First Class First**), 2008

M.Sc : IIT-Kharagpur, (**First Class First**), 2010; **Thesis Supervisor:** Prof. Jayanta K. Ray (FRSC)

Ph. D: Indian Association for the Cultivation of Science, 2015; **Supervisor:** Prof. Brindaban C. Ranu (FNA, FASc, J C Bose National Fellow).

Academic Achievements, Awards and Honors:

1. DST-DFG Award of Selection as an Indian researcher participant in 65th **Lindau Nobel Laureate Meeting-2015**, Germany which was dedicated to Chemistry, Physics, Medicine and Physiology.
2. **Elli Lilly Asia Outstanding Thesis Award 2015** for PhD research in application of sustainable catalysis in organic synthesis.
3. **Marie Skłodowska-Curie Seal of Excellence Award** by European Commission in **EU Framework Programme for Research and Innovation 2014-2020** for the calls in **2017** and **2018** consecutively.
4. **INSTITUTE SILVER MEDAL** for **1st position** in M.Sc. in IIT-Kharagpur.
5. **UGC Merit Scholarship** for securing **1st position** in B.Sc in the University during 2009-2010.
6. **Best Poster Award** in International Symposium of **Light in Chemistry, Materials and Biology (LCMB-2014)** held in IIT-Kharagpur.
7. All India Rank in **JAM-2008** is 38, **GATE-2010** is 149 and **CSIR-UGC NET** is 129.
8. Secured **1st Rank** in WBPS examination for the recruitment of Assistant Professor in Chemistry.

Selected Publications:

1. **D. Kundu**, S. Ahammed and B. C. Ranu, *Green Chem.*, **2012**, *14*, 2024.
2. **D. Kundu**, S. Bhadra, N. Mukherjee, B. Sreedhar and B. C. Ranu, *Chem. -Eur. J.*, **2013**, *19*, 15759.
3. **D. Kundu**, P. Maity and B. C. Ranu, *Org. Lett.*, **2014**, *6*, 1040.
4. **D. Kundu**, T. Chatterjee, B. C. Ranu., *Adv. Synth. Catal.*, **2013**, *355(11+12)*, 2285.
5. **D. Kundu**, S. Ahammed and B. C. Ranu, *Org. Lett.*, **2014**, *6*, 1814.
6. **D. Kundu**, M. Tripathy, P. Maity, B. C. Ranu, *Chem. -Eur. J.* **2015**, *21*, 8727.
7. N. Mukherjee, **D. Kundu**, B. C. Ranu, *Chem. Commun.* **2014**, *50*, 17584.
8. B. Majhi, **D. Kundu**, T. Ghosh and B. C. Ranu, *Adv. Synth. Catal.* **2016**, *358*, 283.
9. N. Mukherjee, **D. Kundu** and B. C. Ranu, *Adv. Synth. Catal.*, **2017**, *359*, 329.

Visited Research Institutes:

1. Visiting researcher in **Max-Plank -Institute for the Science of Light (MPL)**, Erlangen, Germany in 2015.
2. Visiting researcher in **Spemann Graduate School for biology and medicine (SGBM), University of Freiburg**, Germany in 2015.
3. Visiting researcher in **Summer School of the IRTG 1642**, Mittlelwihr, France in 2015.
4. Visiting Researcher in **TIFR-Mumbai** in visiting student's research programme (VSRP-2009).

Courses Taught (B. Sc. Honours and Pass Course):

Inorganic Chemistry: Atomic Model and periodicity, Acid Base, Co-ordination chemistry, Group Chemistry, Organometallics; **Organic Chemistry:** Reagent Chemistry, Photochemistry.