



Assistant Professor
Department of Chemistry
Charuchandra College
22-Lake Road, Kolkata-700029, India
Ph. (91) 9433919733
Email id: kalpita.ghosh@gmail.com

Dr. Kalpita Ghosh

➤ Academic Records

- **Ph. D.:** Organic Chemistry
Visva-Bharati University
Santiniketan
2002
- **M. Sc.:** Chemistry (Organic Chemistry)
Visva-Bharati University, Santiniketan
1995

Academic distinctions, awards etc.:

Qualification in National Tests:

- i) Gate-95
- ii) **Joint CSIR-UGC National Eligibility Test (NET) for lectureship** (1st July, 2001)

Scholarship in

- i) B.Sc. (Hons.) Visva-Bharati merit scholarship for two years
- ii) M. Sc. (National scholarship for two years)

➤ Research Interest :

Synthesis and isolation of some bioactive compounds for searching the potential pesticides and also for bio accumulation of different metal ions.

➤ Previous Experience

❖ **Teaching Experiences:**

Sl. No.	Name of the Institution	Particulars in full
1.	Prasanta Chandra Mahalanobis Mahavidyalaya, 111/3, B.T. Road, Kolkata-700108	Guest Lecturer in Chemistry
2.	Bhairab Ganguly College, Belghoria	Part-Time Teacher in Chemistry
3.	Acharya Prafulla Chandra College, New-Barrackpur	Guest Lecturer in Chemistry (PG)
4.	East Calcutta Girls' College, Laketown	Govt. Approved part time teacher

➤ **Research Experiences:**

Name of the Institution	Full time/ Part time	Particulars in full	From (Date)	To (Date)
Visva-Bharati University, Santiniketan	Full time	Pre-doctoral research work in Organic Chemistry Dept. of Chemistry, Visva-Bharati, Santiniketan (Title of thesis: SEARCH FOR POTENTIAL LARVICIDES FOR THE DESTRUCTION OF CULEX MOSQUITOES).	1996	2002
Saha Institute of Nuclear Physics, Kolkata	Full time	Post-doctoral research work in Green chemistry Chemical Sciences Division, Saha Institute of Nuclear physics, Kolkata-64	1 st July, 2005	30 th June, 2007

➤ **List of Publications**

Publications in journals:

- Comparative larvicidal studies of Schiff bases, their reduction products: B. P.Das, D. N. Chowdhury, K. Das and G. K. Das, *Environment and Ecology*, **16(2)**, 378-381 (1998) ISSN 0970-0420
- Comparative pesticidal studies of 1, 2, 3, 4-tetrahydrocarbazole and 2-methyl-tetrahydrocarbazole: B. P.Das, K. Das D. N. Chowdhury and G. K. Das, *Environment and Ecology*, **16(2)**, 405-408 (1998) ISSN 0970-0420
- Comparative larvicidal studies of *p*-haloaniline and *p*-bromoniline with their Schiff bases: B. P.Das, D. N. Chowdhury, K. Das and G. K. Das, *Environment and Ecology*, **17(1)**, 180-183 (1999). ISSN 0970-0420
- Vilsmeier reaction on carbazole: theoretical and experimental aspects: G. K. Das, B. Chowdhury, K. Das and B. P.Das, *Journal of chemical research(s)*, 244-249 (1999). ISSN 1747-5198
- Comparative larvicidal studies of some heterocyclic compounds: B. P.Das, K. Das D. N. Chowdhury, and G. K. Das, *Environment and Ecology*, **19(2)**, 343-346 (2001). ISSN 0970-0420

6. Comparative larvicidal studies of some naturally occurring flavones and synthetic chalcones: B. P.Das D. N. Chowdhury, K. Das and G. K. Das, *Environment and Ecology*, **20(2)**, 649-655 (2002). ISSN 0970-0420
7. Radiometric study on bioaccumulation of gold by an alkaloid extracted from fruits of *Piper nigrum* (Family: Piperaceae): K. Ghosh, S. Lahiri, *Journal of Radioanalytical and Nuclear Chemistry* **274(2)**, 233-236 (2007). ISSN 0236-5731
8. Studies on bio-accumulation of ^{51}Cr by *Piper nigrum*, D. Nayak, K. Ghosh, S. Lahiri, *Journal of Radioanalytical and Nuclear Chemistry* **280(3)**, 503-506 (2009). ISSN 0236-5731
9. Biomolecule –Metal Interactions: Applications in Extraction and Separation Techniques, K. Roy, K. Ghosh, A. Banerjee, D. Mukhopadhaya, S. Lahiri *Biochemical Engineering* **45**, 82-85 (2009). ISSN1369-703X

Publications in Conference Proceedings:

1. Toxicity of *p*-bromoaniline and its *n*-substituted products on the larvae of *Culex quinquefasciatus*: B. P.Das, K. Das D. N. Choudhury, B. Choudhury and G. K. Das, proceedings of 86th session of the Indian Science Congress, page 62, held in Chennai, India, during January 3-8.1999.
2. Investigation of *p*-haloanilines for bioactivity: B. P.Das, D. N. Choudhury, K. Das B. Choudhury and G. K. Das, proceedings of 87th session of the Indian Science Congress, page 71, held in Pune, India, during January 3-8, 2000.
3. Studies of some heterocyclic compounds: B. P.Das, K. Das D. N. Choudhury, and G. K. Das, proceedings of 88th session of the Indian Science Congress, page 76, held in New Delhi, India, during January 3-8, 2001.
4. Larvicidal studies of some flavonides: B. P.Das, K. Das D. N. Choudhury, and G. K. Das, proceedings of 89th session of the Indian Science Congress, page 32, held in Lakhnow, India, during January 3-8, 2002.
8. Radiochemistry Research at SINP using Neutron Activation: K. Roy, A. Banerjee, K. Ghosh, D. Nayak and S. Lahiri; proceedings of DAE-BRNS Discussion Meet on “Current Trends and Future Perspectives of Neutron Activation Analysis”, page 158, held in Mumbai, India during November 16-17, 2007.
9. Studies on Bio-Accumulation of ^{51}Cr by fruits of *piper nigrum*: K Ghosh, D. Nayak, S. Lahiri, proceedings of Nuclear and Radiochemistry Symposium (NUCAR 2007) page 577 held in Vadodara, India during February 14-17, 2007.
10. Separation of no carrier added $^{199-201}\text{Tl}$, $^{199-200}\text{Pb}$ and ^{197}Hg from bulk gold using piperine, A. Banerjee, K. Ghosh, S. Lahiri, proceeding of National Symposium on Current Trends in Chemistry, page 30 held in Kalyani, West-Bengal during January 30-31, 2007.

➤ **Paper Presented**

Serial No	Name	Place and year	Poster Presented
1	85 th session of the Indian Science Congress	Hyderabad, India January 3-8, 1998.	Poster Presentation

2.	International Conference on Application of Radiotracers in Chemical, Environmental and Biological Sciences (ARCEBS06)	Saha Institute of Nuclear Physics January 23-27, 2006	Poster Presentation
3.	42 nd Annual Convention of Chemists 2005	Visva-bharati, Santiniketan, India February 9-13, 2006.	Oral Presentation
4.	UGC Sponsored National Seminar on Biodiversity-Crisis, Conservation & Managemnet	East Calcutta Girls' College, Lake Town, West Bengal December 8-9, 2011.	Oral presentation