

**FACULTY PROFILE****BASIC PROFILE****PRABHAT KUMAR RAY**

Associate Professor

Dept. of Chemistry

Pkray.pkc@gmail.com

Contact No: 918145991518

Academic Qualification: M.Sc, B.Ed, Ph.D.

**SERVICE HISTORY**

Year of Joining	:	1994		
Previous Employment, if any	:	Name of the Institute	Length of Service	Designation
		UNIVERSITY COLLEGE OF SCIENCE, C.U., 92 APC ROAD KOLKATA – 700009, INDIA.	28.06.1987 – 30.06.1991	RESEARCH FELLOW (UGC FELLOW)
		SREE CHAITANYA COLLEGE HABRA, 24-PGS, INDIA, WB., C.U.	01.07.1991- 29.03.1993	LECTURER IN CHEMISTRY
		VIJAYGARH JYOTISH RAY COLLEGE, JADAVPUR, C.U., KOLKATA, INDIA	22.04.1993– 01.02.1994	LECTURER IN CHEMISTRY
		PRABHAT KUMAR COLLEGE P.O. CONTAI, V.U. DT-PURBAMEDINIPUR WB, INDIA-721401	8.4.1994 – Till Date (Exclude 12/9/2012-4/3/2013, 4/8/2015- 20/1/2017)	ASSOCIATE PROFESSOR IN CHEMISTRY
		RAMANANDA COLLEGE, BISHNUPUR, BANKURA	12/9/2012-4/3/2013	PRINCIPAL
		BBAJKUL MILANI MAHAVIDYALAYA, KISMAT BAJKUL, PURBA MEDINIPUR	4/8/2015- 20/1/2017	PRINCIPAL
Experience in Teaching	:	UG	28 Years	

Area of Teaching: ORGANIC CHEMISTRY**Area of Specialization:****Participation in Administrative activities:**

RAMANANDA COLLEGE, BISHNUPUR, BANKURA	PRINCIPAL	06 Months
BBAJKUL MILANI MAHAVIDYALAYA, KISMAT BAJKUL, PURBA MEDINIPUR	PRINCIPAL	01 Year 05 Months

RESEARCH PROFILE**Area of Research Interest: HETEROCYCLIC CHEMISTRY****Research Experience** 4 yrs**Conference/Seminar/Workshop Organised:****Projects ongoing / completed:**

Title	Funding Agency	Year	Amount (Rs.)
Studies on Azoles as Analogues of 4(5)-Aminoimidazole-5(4)-Carboxamide (AICA)	UGC : F. PSW-095/2005-2006	2006 – 2009, Completed	MRP/ERO 1,00,000/-



	(ERO) Dated 21.3.2006		
Synthesis of Effective Bronchodilators	UGC : F.PSW-174/2011-2012 (ERO) Dated : Completed 22/1/2015	2012-2015 Completed	MRP/ERO 97,000/-

Fellowship (s) / Award (s):

JUNIOR RESEARCH FELLOW (UGC), 28.06.1987 – 30.06.1991, C.U. 1987
International Business School Bharat Vidya Siromani (18/12) 2015
IEM, New Delhi Best Education Award (08/10) 2015

Involvement in other research activities:

Studies on Azoles as Analogues of 4(5)-Aminoimidazole-5(4)-Carboxamide (AICA)	30 June, 2009	Doctor of Philosophy (Science) Vidyasagar University
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Supervisor:

Adjudicator:

Reviewer:

Involvement in Academic/ Professional Organizations:

Editorial Board Member:

Publications:

Books :

Sl. No.	Title with page no.	Nature: Book/Journal If book, whether edited or by single author	ISSN/ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co-author	Main author/ Editor/ Chapters 25/5/5
1.	Food Safety	Editor	ISBN 623-15-1 978-93-8	NO	2013	5
2	Safe Foods	Author	ISBN 623-15-1 978-93-8	NO	2013	5
3	Isomaltulose	Author	ISBN 623-15-1 978-93-8	No	2013	5
4.	Low Calorie Sweetener & Human Health	Author	ISBN 978-93-82633-14-4	No	2013	25
5.	Safe Colour in Foods	Author	ISBN 978-81-87891-33-6	No	2013	5
6.	Bigyan Bannhi	Editor	ISSN 2348-6562	Yes (CSIR)	2013	5
7.	Bigyan Bannhi Page 7-13	Author	ISSN 2348-6562	Yes (CSIR)	2013	5
8	Chromatography	Editor	ISBN 978-93-82623-37-3	No	2014	5
9	Current Approach Chromatography	Author	ISBN 978-93-82623-37-3	No	2014	5
10	Env. Analysis Using Chromatography	Author	ISBN 978-93-82623-37-3	No	2014	5

Edited Books:



Chapters in Books :

Journals:

1. Thermogravimetric Studies of Aminoimidazoles Carboxamides & Aminothiazolecarboxamides	Synthetic Communications	pages 2355-2366, Volume 42, Issue 16 , 2012	Author : Prof. Sibdas Ray & Dr. Prabhat Kumar Ray	2012
2. Synthesis of a novel organic sequestering agent bis-(5-acetyl-4-methylthiazole-2-yl)methane and its application in gold metal ion binding.	SINP Journal	2012	Kakoli Banerjee, Susanta Lahiri, Prabhat Kumar Ray, Sibdas Ray	2012

Conf. Proceedings:

Any other relevant information

Course/Workshop/Training	Authority	Year & Duration
Windows, Pagemaker & Corel Draw	Brainware Compute Academy	2001, 06 Months
Visual Basic & Access	Brainware Compute Academy	2002, 06 Months
Frontpage, Animation, Webhosting	Brainware Compute Academy	2002, 06 Months
Computer Assembling	Brainware Compute Academy	2003, 04 Months
Course	Topic	Duration
6 th . Academic Orientation Programme, C.U.	Society, Environment, Development and Education	17/3/1998-14/4/1998
Refresher Course in Environmental Science, B.U.	Environmental Science	15/1/2000-4/2/2000
Refresher Course in Chemistry, J.U.	Frontier in Synthesis, Reactivity and Thermodynamics	4/2/2002-23/2/2002
Refresher Course in Chemistry, B.U.	Frontier in Green Chemistry	30/1/2004-19/2/2004
IIT, New Delhi Centre for Rural Development	Bio-gas Production and Purification	14/2/2011-16/2/2011
Refresher Course, JU	Advances in Biotechnology in food & Fermentation	1/7/2011-21/7/2011
Renewable Energy Centre, Mithradham, Kerala	Natinal Training on Solar PV	22/4/2013-26/4/2013

School Bio-data

1. R.K.Mission M.P. School
2. R.K.Mission M.P. School
3. R.K.Mission M.P. School
4. R.K.Mission M.P. School
5. R.K.Mission M.P. School
6. R.K.Mission M.P. School
7. R.K.Mission M.P. School
8. R.K. Mission M.P. School

Certificates and awards

- | Certificates and awards | Year |
|-----------------------------------|------|
| National Cadets Corps, Part 1 | 1974 |
| High Jump (VIII) | 1974 |
| Elocution (VIII) | 1974 |
| Handwriting (VIII) | 1974 |
| National Physical Efficiency (IX) | 1975 |
| Ethics (IX) | 1975 |
| Elocution (X) | 1976 |
| Physical Training (X) | 1976 |

College/ Univ. Bio-data

9. Ramkrishna Mission Vidyamandir
10. University College of Science
11. University College of Science

Certificates and awards

- | Certificates and awards | Year |
|--------------------------------------|---------|
| Football Champoinship (Runners-up) | 1979-80 |
| Short Story Writing (M.Sc.) | 1984 |
| Extempore (M.Sc.) | 1985 |



Seminar & Workshop	Title	Year
12. P.K.College, Contai	AIDS : Prevention & Control	2003
13. P.K.College, Contai	Blood Donation	2003
14. P.K.College, Contai	Nanoparticle (29/1/05)	2005
15. P.K.College, Contai	Theatre Literacy	2005
16. Bajkul Milani Mahavidyalaya	Workshop : Syllabus	2006
17. Narajole Raj College	Low-calorie Sweetener (17/3)	2006
18 Netaji Mahavidyalaya	Energy Search (31/1-1/2)	2007
19. Khejuri College	Physical Education 17-18 Feb.	2007
20. Vidyasagar University	Frontier in Chemical Science	2009
21. Mugberia Gangadhar Mahavidyalaya	Physical Education 22-23 Aug	2009
22. P.K.College, Contai	Bio-molecules (24/9)	2010
23. Indian Chemical Society	Acharya P.C.Ray (2-4 Aug)	2010
24. WBCUTA, Toofanganj College	Education Reforms 1-2 Oct	2010
25. Vidyasagar University	Frontier in Chemical Science (3 rd)	2011
26. P.K.College, Contai	Bio-diversity 16-17 March	2011
27. P.K.College, Contai	Acharya P.C.Ray (12/4)	2011
28. P.K.College, Contai	Food Processing (28-29 January)	2011
29. IGNOU, New Delhi, 13-14 Oct	Chemistry: Education & Research	2011
30. P.K.College, Contai	Bio-molecules (24/9)	2010
31. Midnapore College	Recent Trends International (31/10-1/11)	2011
32. P.K.College, Contai	Urban Governance (6-7 Jan)	2012
33. Hijli College	Food Additives 2-3 Feb	2012
34. University of Calcutta, ASC	Examination Reform 26-27 March	2012
35. Uday Chand Women's College	Hindu-Muslim samparka S (31/1)	2013
36. Vidyasagar University	Frontier in Chemical Science	2013
37. P.K.College, Contai	Organocatalysis (23-24 March)	2013
38. P.K.College, Contai	Food-safety (7-8 August)	2013
39. R.K.Mission, Rahara	Ecology & Chemistry (04/9)	2013
40. P.K.College, Contai	Food-fortification (21-22 Jan)	2014
41. Burdwan University	WBSST (20-21 Feb)	2014
42. P.K.College, Contai	Chromatographic Sep, (24/7)	2014
43. P.K.College, Contai	Bengali DTP (26-27 July)	2014
44. P.K.College, Contai	Coastal Environment (1/8)	2014
45. Sitananda College	Chemistry Interface (12/12)	2014
46. University of Calcutta	ICT(19 March)	2016
47. Vidyasagar University	Univ-Industry (27-28 April)	2016
48. P.K.College, Contai	Fluorosis-As (13-14Sept)	2016
49. P.K.College, Contai	Disaster Management (27-28 Feb)	2017

Corurses attended :

Junior Research Fellow	Calcutta University	23/6/1987-28.6.1991
Orientation Programme	Calcutta University	17/3-14/4/1998
Environmental Science	Burdwan University	15/1-04/02/2000
Frontier in Synthesis	Jadavpur University	04/02-23/02/2002
Refresher Course in Chemistry	Burdwan University	30/01-19/2/2004
Refresher course on Bio-technology	Jadavpur University	01/07-21/07/2011
Biomedical Research	Bose Institute	2000
Windows – Pagemaker	Brainware	2001
Windows basic – Access	Brainware	2001
Corel Draw & Front Page	Brainware	2002
Computer Assembling	Brainware	2003
Bio-gas Production	IIT, Delhi	2011
Solar Energy	Mithradham, Kerala	2013

Disclaimer : The information on this website has been prepared with utmost care aiming at keeping all information up-to-date. The College cannot guarantee the correctness, completeness, topicality or quality of the information presented. In the event of any doubt concerning the content of the website, please contact the concerned faculty.

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