Department of Chemistry: A Brief Profile

ABOUT THE DEPARTMENT

The glorious journey of this department began in the year 1961. A galaxy of eminent teachers was attached with this department from the very beginning. Initially there were three specializations: Inorganic, Organic and Physical Chemistry. In the academic session 1984-86, Nuclear-Analytical Chemistry specialization was introduced. The department is growing as an important landmark in the academic map of the country after years for quality teaching and research. The satisfactory performance of the students of this department in various national level examinations like NET, GATE, entrance examinations to BARC, IITs, IISERs and other research institutes of national and international repute renders the department brighter to the nation. The post graduate students from this department go abroad after qualifying GRE/TOEFL for their graduate research. Presently the department has seventeen (17) faculty members and the student intake-capacity at the PG level is seventy five (75). More than eighty (80) research scholars are doing their doctoral research with the present faculty members of the department. Different sponsoring agencies like UGC, DST, CSIR, BRNS, DAE, DST GoWB, etc are providing research funds to most of the research projects. UGC indentified this department as ‘Centre for Advanced Studies’ in the year 2010. Moreover, the department has successfully completed UGC DSA (Phases I, II and III), COSIST (UGC), FIST-I and -II (DST). Faculty members have the regular practice of visiting research institutes in the country and abroad for their collaborative research, attending seminars, conferences, etc. The PhD recipients of this department also go to different distinguished laboratories abroad for post-doc positions. Not only having good research positions in reputed institutes all over the globe but also the departmental students are very much successful in achieving various jobs in academic, administrative as well as industrial fields after completion of their post graduation from here.
DISTINGUISHED ALUMNI

(1) Dr. Purnendu (Sandy) K. Dasgupta

Present Address
Professor, University of Texas, Arlington, USA
Email: dasgupta@uta.edu

➢ Jenkins Garrett Professor
➢ Frank R. Blood Award for best publication, Society of Toxicology and Pharmacology, 1981
➢ Institute Medal, Institute of Industrial Sciences, University of Tokyo, 1987
➢ P. A. Traylor Creativity Award, Analytical Sciences, Dow Chemical, Midland, MI, 1989
➢ Outstanding Achievement Award, International Ion Chromatography Symposium, 1989, 2005
➢ Barney E. Rushing, Jr. 1990 Faculty Distinguished Research Award, Texas Tech University Dads and Moms Association, 1991
➢ A. A. Benedetti-Pichler Memorial Award, American Microchemical Society, 1998
➢ Inducted Honorary Member, Korean Society for Environmental Analysis, 2001
➢ Elected IEEE Senior Member, 2003
➢ ARCS Foundation, Lubbock Chapter. Scientist of the Year, 2004-2005
➢ Best Science Paper of 2005, Environmental Science and Technology, Editor’s Award, 2006
➢ ACS Award in Chromatography, 2011
➢ Dal Nogare Award in Chromatography, 2012
➢ The Senate of the State of Texas. Honor Proclamation, 2012
➢ Doherty Award, DFW Section of the American Chemical Society, 2012

(2) Dr. Shankar Prasad Bhattacharyya

Present Address
Raja Ramanna Fellow, Department of Chemistry, IIT Mumbai (Ex Senior Professor, Indian Association for the Cultivation of Science)
Email: pcspb@iacs.res.in

➢ Fellow of Indian Academy of Sciences
➢ J. N. Mukherjee memorial lecture award of Indian Chemical Society
(3) Dr. Tarasankar Pal

Present Address
Professor, Department of Chemistry, IIT Kharagpur, WB, India.
Email: tpal@chem.iitkgp.ernet.in

- P. Chakraborty Memorial Award by Indian Chemistry Society (2000)
- D. P. Chakraborty 60th Birth Anniversary Medal from the Indian Chemical Society. (2001)
- Honored as FNA

(4) Dr. Swapan K. Ghosh

Present Address
Outstanding Scientist and Head, Theoretical Chemistry Section, Chemistry Group, Bhabha Atomic Research Centre, India.
Email: skghosh@barc.gov.in

- Honored as FNA, FASc, FNASc, FTWAS.
(5) Dr. Pradip K Mascharak

Present Address
Distinguished Professor of Chemistry and Biochemistry, University of California Santa Cruz, USA
Email: pradip@ucsc.edu

- Alfred Sloan Fellow
- Excellence through Diversity Award, UCSC
- Innovations in Teaching Award, UCSC
- Fellow of the American Association for the Advancement of Science

(6) Dr. Akhil R. Chakravarty

Present Address
Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore-560 012, India.
Email: arc@ipc.iisc.ernet.in

- Shanti Swarup Bhatnagar (SSB) Prize in Chemical Sciences, 1998.
- Prof. P. Ray Memorial Award of the Indian Chemical Society, 1998.
- Honored as FNA, FASc.
(7) Dr. R. N. Mukherjee

Present Address
Director, Indian Institute of Science Education Research (IISER), Kolkata, India.
Email: rnm@iiserkol.ac.in

- Bronze Medal, Chemical Research Society of India, Bangalore (2001)
- Fellow, Royal Society of Chemistry, UK (2003)
- Vice President, Chemical Research Society of India, Bangalore (2008 –)
- Professor Priyadaranjan Ray Memorial Award for the Year 2010, Indian Chemical Society, Kolkata (2011)
- Silver Medal, Chemical Research Society of India, Bangalore (2011)
- J. C. Bose National Fellowship, Department of Science & Technology, New Delhi
- Honored as FNA, FNASc.

(8) Dr. Asit K Chakraborty

Present Address
Professor and Head, Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), Chandigarh, India.
Email: akchakraborti@niper.ac.in

- Ranbaxy Research Award 2004 (Pharmaceutical Sciences).
- Chemical Research Society of India (CRSI) Bronze Medal.
- Bioorganic and Medicinal Chemistry Letters Most Cited Paper 2005-2008 Award
(9) Prof. S. C. Bhattacharya

Present Address
Professor, Department of Chemistry, Jadavpur University, Kolkata, India.
Email: scbhattacharyya@chemistry.jdvu.ac.in

➢ Ex. Dean, Faculty of Science, Jadavpur University.

(10) Dr. Arun K. Nandi

Present Address
Senior Professor, Indian Association of Cultivation of Science, Kolkata, India.
Email: psuakn@iacs.res.in

➢ W. B. Academy of Science and Technology-2006.
➢ Indian Academy of Sciences, Bangalore – 2009.
(11) Dr. Anunay Samanta

Present Address
Experimental Physical Chemistry, School of Chemistry, University of Hyderabad, India.
Email: anunay@uohyd.ac.in

- Recipient of the India Citation Award (Thomson Reuters) and Raman Mizushima Lecture Award (DST-JSPS).
- Member of the Editorial Advisory Board of the *Journal of Physical Chemistry*.
- Member of the Sectional Committees of IASc and INSA.
- J.C. Bose National Fellow (DST).
- Member of the Science Education Panel and Member of the Project Advisory Committee (Physical Chemistry) of DST
- National Coordinator on UGC-FPRS programme including (i) Start up Grant, (ii) One Time Grant and (iii) UGC BSR Faculty Fellowships
- Honored as FNA, FASc, FNASc.

(12) Dr. Bimal K. Banik

Present Address
Professor, The University of Texas-Pan American (UTPA), USA.
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- President's Endowed Professor, UTPA, USA.
- F. R. S. C.
- Program Director, National Institutes of Health Grant, USA
- Program Director, National Cancer Institute Grant, USA
- Editor-in-Chief, Organic & Medicinal Chemistry Letters, Springer, Germany
- Adjunct Professor, Chemistry, UTSA, San Antonio, USA
- Fellow, Royal Society of Chemistry, Cambridge, UK
- Awarded $441,000.00 Dollar Research Grants from NIH
- Citations of papers in journals approximately three thousand seven hundred (3700)
(13) Dr. Pratim Kumar Chattaraj

Present Address
Dean (Faculty), IIT Kharagpur, WB, India.
Email: pke@chem.iitkgp.ernet.in

- Indian National Science Academy Young Scientist Medal.
- Chemical Research Society of India Silver Medal (2014).
- B. M. Birla Science Prize
- Dr. B. C. Deb Memorial Award (Indian Science Congress Association).
- J. C. Bose National Fellow.
- Selected as the 'Top Reviewer' of The Journal of Physical Chemistry, American Chemical Society., 2006.
- Russnano Prize, Russia.
- Honored as FTWAS, FASc, FNA, FNASc, FWAST

(14) Dr. Gautam K. Lahiri

Present Address
Professor, Department of Chemistry, IIT Bombay, Mumbai, India.
Email: lahiri@chem.iitb.ac.in

- B. M. Birla awards in chemistry: 1996
- Royal Society Award for International Authors: 2000
- Fellow, Maharashtra Academy of Sciences: 2001
- Fellow, Indian Academy of Sciences-Bangalore: 2005
- Mercator Chair Professorship (DFG-Germany): 2007
- Ramanna Fellowship (DST): 2007
- Excellence in Teaching (IIT Bombay): 2010
- Ramanna Fellowship (Excellence in Research, DST, New Delhi): 2011
- Prof. S.C. Bhattacharya Award for Excellence in Research (IIT Bombay): 2011
(15) Dr. Amalendu Chandra

Present Address
Theoretical Chemistry Group, Department of Chemistry, IIT Kanpur, India.
Email: amalen@iitk.ac.in

- Young Scientist Medal of Indian National Science Academy, New Delhi, 1995.
- Anil Kumar Bose Memorial Award of Indian National Science Academy, New Delhi, 1997.
- Shanti Swarup Bhatnagar Award, CSIR, Government of India, 2007.
- Honored as FNA, FNASC, Ramanna Fellow.

(16) Dr. Susanta Lahiri

Present Address
Senior Professor, Chemical Sciences Division, Saha Institute of Nuclear Physics, Kolkata, India.
Email: susanta.lahiri@saha.ac.in

- George Hevesy Medal Award 2015 (as First Indian Recipient on Activation Analysis)
- Associate Membership of Third World Academy of Sciences (TWAS) in Centre of Excellence at South (2000-2007).
- Tarun Datta Memorial Award 1996 (awarded by Indian Association of Nuclear Chemists and Allied Scientists, IANCAS) for excellent research work in the field of Radioanalytical and Nuclear Chemistry in INDIA (bellow 35 years).