

Notable awards / recognitions to Teachers

Professor Anil K. Tyagi

- 2010, J.C. Bose National Fellow, Department of Science and Technology, GOI (2010)
- 2010, Vigyan Gaurav Samman Award by UP Government. (2010)
- 2007, C.R. Krishnamurthy Memorial Oration Award by CDRI, Lucknow (2007)
- 2006, Vice President, Society of Biological Chemists (India) from 2004-2006
- 2005, Prof. S.H. Zaidi Oration Award by ITRC, Lucknow (2005)
- 1999, Ranbaxy Research Award by Ranbaxy Science Foundation (1999)
- 1999, Dr. Nitya Anand Endowment Lecture Award by INSA (1999)
- 1995, Shanti Swarup Bhatnagar Prize by CSIR (1995)
- 1993, P.S. Sarma memorial award by the Society of Biological Chemists (India) (1993)
- 1983, Dr. Kona Sampath Kumar prize by the University of Delhi (1983)
- Fellow of the National Academy of Sciences, India
- Fellow of the Indian Academy of Sciences, India
- Fellow of the Indian National Science Academy, India
- Fellow of the Society for Immunology and Immunopathology, India

Professor Vijay K. Chaudhary

- 2017, Outstanding Alumnus award of the College of Basic Sciences and Humanities by the G.B. Pant University of Agriculture and Technology, Pantnagar. (2017)
- 2015, Visitor's Award for Innovation – conferred by Hon'ble President of India at a special ceremony at Rashtrapati Bhawan on 4 February 2015.
- 2014, Biotech Product and Process Development and Commercialization Award, Department of Biotechnology, Government of India. (2014)
- 2009, Bachhawat Memorial Lecture award by National Academy of Sciences India (2009).
- 2005, WIPO (World Intellectual Property Organization, Geneva) Gold Medal for "Best Invention of the Year 2004" for inventing "On-site Detection of HIV (AIDS)" (2005).
- 2004, National Research Development Corporation (NRDC, DSIR, Ministry of Science & Technology, Government of India) award of Rs.1,50,000/- for inventing "On-site Detection of HIV (AIDS)" (2004).
- 2002, Biotech Product and Process Development and Commercialization Award, Department of Biotechnology, Government of India (2002).
- 1999, All India Biotech Association (AIBA) Award (1999).
- 1997, VASVIK Award for Biological Science and Technology (1997).
- 1991, The National Institutes of Health, USA (NIH) Director's Award (1991).
- Fellow of the National Academy of Sciences

Professor Debi P. Sarkar

- 2011, Conferred Prof. B.K. Bachhawat Memorial Lecture Award 2011 by NASI, Allahabad
- 2010, Recipient of J.C. BOSE National Fellowship (DST) Award, September, 2010
- 2005, Conferred M. Sreenivasaya Memorial Award, by SBC, India, 2005

- 1998, Awarded Shanti Swarup Bhatnagar Prize in *Biological Sciences*, 1998.
- 1989, Awarded an ICRETT Fellowship by the “International Union Against Cancer” to work in NCI/NIH, USA from May 16th to August 1st, 1989.
- 1985, Awarded a Travel Fellowship by the International Union of Biochemistry to attend the 13th International Congress of Biochemistry, Amsterdam, The Netherlands, August 25th-30th, 1985.
- 1980, Awarded a Gold Medal from the Banaras Hindu University for standing first in the M.Sc. (Biochemistry) examination in 1980.

Professor Suman Kundu

- 2017, Suresh C. Tyagi Oration Award, Jan 2017, International Academy of Cardiovascular Sciences (Indian Section), National, For Accomplishments in Research and Oration in the area of cardiovascular diseases
- 2010, Indo-US Research Fellow, 2010, from Indo-US Science and Technology Forum and DST, Government of India.
- 2008, DST (Government of India) Travel Award for Attending International Conference Abroad, 2008.

Professor Alo Nag

- 2012, Appreciation award from Carcinogenesis Foundation, USA for organizing the 2012 International Carcinogenesis conference in India.
- 2012, Invited as Research Scientist Fellow in University of Illinois at Chicago, USA, from May to July, 2012.
- 2000, Travel Award by American Society for Biochemistry and Molecular Biology for attending ASBMB/ASPET 2000 Meeting, Boston, USA.
- 1997, Young Scientist travel grant awarded by Council of Scientific and Industrial Research (CSIR, India) to attend the 17th International Congress of Biochemistry and Molecular Biology Conference, 1997, San Francisco, California.
- 1996, Young Scientist award in the 4th International Symposium on Biochemical Roles of Eukaryotic Cell Surface Macromolecules, 1996, New Delhi, India.

Dr. Amita Gupta

- 2015, Visitor’s award for innovation for development of TB Confirm conferred by The President of India.
- 2010, Senior Innovative Young Biotechnologist Award (IYBA) by Department of Biotechnology, Ministry of Science and Technology, Govt. of India.
- 2007, Indian National Science Academy (INSA) Young Scientist award in Medical Sciences.
- 2007, Gordon Research Conferences Chair fellowship
- 2006, Innovative Young Biotechnologist Award (IYBA) 2005 by Department of Biotechnology, Ministry of Science and Technology, Govt. of India.
- 2005, Shakuntala Amir Chand Award-2003 of Indian Council of Medical Research (ICMR), Government of India.

- 2005, WIPO (World Intellectual Property Organization, Geneva) Gold Medal for “Best Invention of the Year 2004” for inventing “On-site Detection of HIV (AIDS).
- 2004, Prof. B.K.Bachhawat Memorial Young Scientist lecture award of The National Academy of Sciences, India.
- 2004, National Research Development Corporation (NRDC, DSIR, Ministry of Science & Technology, Government of India) award for inventing “On-site Detection of HIV(AIDS)”
- 2003, awarded Dr. D. L. Srivastava Young Scientist Award by Society of Biological Chemists (India).
- 2003, awarded Young Scientist Award (New Biology Section) by Indian Science Congress Association.
- 2001, awarded Outstanding Young Scientist Prize for the year 2001 by International Business Communications, USA.
- 1995, awarded gold medal for securing first position in Delhi University in M.Sc. (Biochemistry).

Dr. Garima Khare

2013, Dr. Garima Khare, Indian Young Biotechnologist Award 2013, 2013, Department of Biotechnology, Government of India, Innovative research by young scientists through competitive grant writing

Dr. Suneel Kateriya

- 2016, Max Planck India Fellowship (2012-2016) from Department of Science and Technology, India and Max Planck Group-Germany
- 2011, Association of Microbiologist of India Young Scientist Award for 2011
- 2010, Indian Biophysical Society Ratna Phadke Young Scientist Award for 2010
- 2009, Indian Science Congress Young Scientist Award in New Biology Section for 2009

Significant achievements / Awards received by students

Doctoral / Post-Doctoral Fellows

- Simran Kaur, Anshoo Gautam, Alo Nag and Kulbhushan Sharma, 2017, National, Best poster award (First prize) in Women Ph.D. category. The Protective Role of Immunomodulatory Cytokines against Lethal Dose of Radiation *in vitro* and *in vivo*. 86th Annual Conference of Society of Biological Chemists (SBC-2017) on 'Emerging Discoveries in Health and Agricultural Sciences', 16th-19th November, 2017, JNU, New Delhi, India.
- Yama Atri, Rince John and Alo Nag, 2017, National, Third best poster presentation award in Women Ph.D. category. Role of Skp2-Cytoglobin Axis in Cell Cycle Control. 86th Annual Conference of Society of Biological Chemists (SBC-2017) on 'Emerging Discoveries in Health and Agricultural Sciences', 16th-19th November, 2017, JNU, New Delhi, India.
- Pradeep Singh Cheema, 2017, Local / University, Third Best Oral Presentation Award. Identification of novel small molecule inhibitors against FoxM1 with implications in cancer therapy. 7th National Science Day Symposium, 28th February 2017, University of Delhi South Campus, New Delhi.
- Sanjay Kumar Dey, 2017, National, Poster Presentation Award for Sanjay Kumar Dey, in Indian Biophysical Society Annual Meeting, at IISER Mohali, March 23-25, 2017.
- Sanjay Kumar Dey, 2017, National, Travel award for attending Indian Biophysical Society Annual Meeting, at IISER Mohali, March 23-25, 2017.
- Richa Arya, 2017, National, Travel award for attending Indian Biophysical Society Annual Meeting, at IISER Mohali, March 23-25, 2017.
- Md. Asim Khan, 2017, National, Travel award for attending Indian Biophysical Society Annual Meeting, at IISER Mohali, March 23-25, 2017.
- Richa Arya, 2017, International, Oral Presentation Award (2nd) in Indo-US conference on "Advances in Enzymology: Implications in Health, Disease and Therapeutics", ACTREC, Mumbai, Jan 17-19, 2017.
- Manendra Pachauri and P.C. Ghosh, 2016, International, Prof. A. R. Rao Researcher Award for the best oral presentation at International Symposium on "Role of Herbs in Cancer Prevention and Treatment" at School of Life Sciences, Jawaharlal Nehru University, New Delhi, India, dated 9th-10th February 2016.
- Vinoth Rajendran, Mohsin Raza and P.C. Ghosh, 2016, Local / University, Second Oral Presentation Award. Liposome mediated delivery of anti-malarial drugs for the treatment of malaria 6th National Science Day Symposium, 29th February 2016, University of Delhi South Campus, New Delhi.
- Yama Atri, 2016, International, Best Essay Award, on 'Cancer Genomics: An Approach to Personalized Therapy' in IACR-ACOS International Conference, 8-10 April, 2016, New Delhi.
- Sanjay Kumar Dey, 2015, International, Boehringer Ingelheim Fonds (BIF) Travel Grant Award for Short Term Research Work in Germany
- Swati Singh, Garima Khare and Anil K. Tyagi, 2015, Local / University, Best Poster Award. Identification of biotin biosynthesis inhibitors for inhibition of *Mycobacterium*

tuberculosis. 5th National Science Day Symposium, 27th-28th February, 2015, University of Delhi South Campus, New Delhi.

- Sanjay Kumar Dey, 2015, National, Travel Grant from ICMR, DST and Immunology Foundation to attend Conference on Hypertension by Council of Hypertension and American Heart Association, USA, 2015.
- Sanjay Kumar Dey, 2015, International, Young Scientist Fellow, American Heart Association.
- Neha Jaiswal, Pradeep Singh Cheema, Rince John, Vaibhav Chand and Alo Nag, 2015, National, Best Poster Award. ViraLONCO protein HPV16E7 perturbs SUMOylation of FoxM1 to induce oncogenesis, International Symposium on Current Advances in Radiobiology, Stem Cells and Cancer Research, 19th-21st Feb, 2015, JNU, New Delhi.
- Sanjay Kumar Dey, Toyanji Joseph, Santosh Kumar, A. Kamaladevi, Nabanita Sarkar, Surajit Sarkar, K. Balamurugan, B.K. Thelma and Suman Kundu, 2015, National, Best Poster Award. Experimental validation of new inhibitors identified through rational structure based design against Dopamine- β -hydroxylase to combat cardiovascular diseases, Cardiovascular Research Convergence 2, 17th January, 2015, All India Institute of Medical Sciences, New Delhi, India.
- Richa Arya, 2015, Local / University, Third Best Oral Presentation Award. Insight into ACP-PPTase interaction essential for Fatty acid synthesis in *Leishmania major* with application in drug design. 5th National Science Day Symposium, 27th-28th February, 2015, University of Delhi South Campus, New Delhi.
- Sanjay Kumar Dey, Himanshu Meghwani, Pankaj Prabhakar, Subir Kumar Maulik and Suman Kundu, 2015, International, Selected among the best five posters and for Oral presentation. Dopamine- β -hydroxylase inhibitor UDSC171 can prevent isoproterenol induced cardiac hypertrophy in rats. 12th Annual Conference of International Society for Heart Research (Indian Section), 14th-15th March, 2015, Jawaharlal Nehru University, New Delhi, India
- Garima Khare, Prachi Nangpal, Anil K. Tyagi, 2014, National, Best Poster Award. *Mycobacterium tuberculosis* bacterioferritins-Structural and biochemical characterization to facilitate rational drug design. Presented at National Symposium on "Innovation in TB Diagnostics, Drug Targets and Biomarkers", held at Mahatma Gandhi Institute of Medical Sciences, Sevagram, 27-29th Jan 2014.
- Vinoth Rajendran, Mohsin Raza, Shilpa Rohra and Prahlad C. Ghosh, 2014, International, Best Poster Award. Evaluation of liposomal monensin in combination with artemisinin on growth inhibition of blood stages of *Plasmodium falciparum* (3D7) *in vitro*. International conference on "Emerging trends of Nanotechnology in drug discovery", held at University of Delhi South Campus. 26-27 May.
- Vinoth Rajendran, Manendra Pachauri, Mohsin Raza, 2014, National, Travel fellowship award to the team. Selected for Biotechnology Entrepreneurship student team at "ABLE-BEST INDIA 2014", held at Fortune Select Trinity Hotel, Bangalore. 13-17 October.
- Neha Jaiswal, 2014, International, Young Scientist Travel Award by DST and ICMR, Govt. of India for 4th World Congress on Cancer Science and Therapy, Chicago, USA, 20-22 October, 2014.
- Neha Jaiswal, 2014, International, Selected for Oral Presentation in Young Scientist Forum. Modulation of FoxM1b SUMOylation by High-Risk HPV and its significance in

cervical cancer. 4th World Congress on Cancer Science and Therapy, Chicago, USA, 20-22 October, 2014.

- Amit Kumar, Suneel Kateriya, Suman Kundu, 2014, International, Selected for Oral presentation. Hemoglobins from extremophilic and mesophilic algae: a comparative study, XVIII International Conference on Oxygen-binding and sensing proteins, 6th-10th July, 2014, University of Sheffield, Sheffield, United Kingdom.
- Akshay Rohilla, 2014, International, Best Poster Award. Disruption of mycobactin biosynthesis leads to attenuation of *Mycobacterium tuberculosis* for growth and virulence, International Conference on Recent advances in Structural Biology and Drug discovery, IIT Roorkee, 9th-11th October, 2014
- Peeyush Ranjan, Mayanka Awasthi and Suneel Kateriya, 2013, Local / University, Third Best Poster Award Microalga: mimicking the mammalian like IFT mediated trafficking of rhodopsin, National Science Day Symposium, University of Delhi South Campus, 28th February 2013, New Delhi
- Priyanka Chauhan, 2013, Local / University, Best Oral Presentation Award. Mycobactin biosynthesis is essential for the growth and virulence of *Mycobacterium tuberculosis*: An attractive target for therapeutic interventions. National Science Day Symposium, 28th February 2013, held at University of Delhi South Campus.
- Ritika Kar, Priyanka Chauhan, Garima Khare, Prachi Nangpal, Anil K. Tyagi, 2013, Local / University, Best Poster Award. rBCG85C – A Superior Vaccine than BCG: Modifications for Human Clinical Trials. National Science Day Symposium, 28th February 2013, held at University of Delhi South Campus.
- Sanjay Kumar Dey, B.K. Thelma and Suman Kundu, 2013, National, Third Best Poster award. Dopamine- β -hydroxylase as a novel drug target for cardiovascular diseases: In silico identification and in vitro validation of novel inhibitors. Conference on Recent Advances in Computational Drug Design, Indian Institute of Science, Bangalore, 16-17 September, 2013.
- Peeyush Ranjan, Mayanka Awasthi, Sindhu Kandoth Veetil and Suneel Kateriya, 2013, International, Junior Scientist Award. Cellular trafficking of phototropin and novel modular rhodopsin is mediated by animal like IFT machinery in *Chlamydomonas reinhardtii*, 7th Annual Convention of ABAP & International Conference on Plant Biotechnology, Molecular Medicine & Human Health, New Delhi, India, October 18th-20th, 2013.
- Sanjay Kumar Dey, 2013, National, Ratna Phadke Young Scientist Award (Oral). Identification of Novel Inhibitors against Human Dopamine- β -Hydroxylase, a Drug Target for Cardiovascular Diseases. National Symposium on Frontiers of Biophysics, Biotechnology and Bioinformatics and 37th Annual Meeting of Indian Biophysical Society (IBS), University of Mumbai, Kalina Campus, Mumbai, India, 13-16 January, 2013.
- Sanjay Kumar Dey, Abhishika Srivastava, Rachana Muley, B.K. Thelma and Suman Kundu, 2013, National, Best Poster Award. In silico identification and *in vitro* validation of novel inhibitors to combat cardiovascular diseases exploiting dopamine- β -hydroxylase as the drug target. SYSCON-2013 on Interfacing Basic and Translational Research, All India Institute of Medical Sciences, New Delhi, India, 23 August, 2013.

- Manish Shandilya, Ridhima Gomkale, Suneel Kateriya and Suman Kundu, 2013, National, Selected for Oral presentation. An insight into function of novel globins: Characterization of hemoglobins and their reductase partners from *Chlamydomonas reinhardtii*, National Conference on Recent Trends in Structural Biology, 16th-18th December 2013, Jamia Millia Islamia, New Delhi, India.
- Amit Kumar, 2013, National, Oral Presentation Award. Novel hemoglobins from plant and algae: Discovery to application, Biospark, School of Lifesciences, Jawaharlal Nehru University, February 16th, 2013.
- Amit Kumar, Manish Shandilya, Rudra Kashyap, Usha Yadav, V.A. Semionkin, M. I. Oshtrakh, Suneel Kateriya, Suman Kundu, 2013, International, Poster Travel Award. Discovery to applications: Snapshots of a globin journey. International Conference on Biomolecular Forms and Functions, A Celebration of 50 Years of the Ramachandran Map, Indian Institute of Sciences, Bangalore, January 8th -11th , 2013.
- Garima Khare, 2012, National, Best Oral Presentation Award. Determination of the structure of Thiamin Phosphate Synthase (MtTPS) of *Mycobacterium tuberculosis* by homology modeling and identification of inhibitors by using virtual screening. Young Scientist Oral presentation at Symposium on “Microbes in Health and Agriculture”, 2012, held at Jawaharlal Nehru University, Delhi.
- Manendra Pachauri and Prahlad C. Ghosh, 2012, International, Award of Excellence. Combination of Curcumin and Monensin Loaded Poly(lactic-co-glycolic acid) Nanoparticles for Cancer Therapy. 3rd International Conference of Carcinogenesis Foundation-Frontiers in Carcinogenesis and Preventive Oncology Molecular Mechanisms to Therapeutics, New Delhi, India, 19-21 November, 2012.
- Vaibhav Chand, Rince John, Neha Jaiswal, Vandana and Alo Nag, 2012, International, Oral presentation and Excellence Award. Downregulation of hADA3 Promotes Epithelial to Mesenchymal Transition in Cervical Cancer, 3rd International Conference of Carcinogenesis Foundation- Frontiers in Carcinogenesis and Preventive Oncology Molecular Mechanisms to Therapeutics, RML Hospital, New Delhi India, 19-21 November, 2012
- Neha Jaiswal, Rince John, Vaibhav Chand and Alo Nag, 2012, International, Oral presentation and Excellence Award. FoxM1: A Key Player in HPV-Mediated Oncogenesis, 3rd International Conference of the Carcinogenesis Foundation - Frontiers in Carcinogenesis and Preventive Oncology : Molecular Mechanisms to Therapeutics, RML hospital, New-Delhi, India, 19-21 November, 2012.
- Amit Kumar, 2012, International, Boehringer Ingelheim Fonds Travel Fellowship for visit to Ural Federal State University, Russia for 3 months (Oct-Dec) for research work.
- Pooja Tiwari and P.C. Ghosh, 2012, International, Awarded International travel grant by ICMR, Government of India for poster presentation entitled “Stearylamine loaded PLGA nanoparticle for treatment of malaria” at International conference “Colloids and Nanomedicine 2012” in July 2012 at Amsterdam, Netherlands.

Post-Graduate Students

- Juhi Arora, 2016, National, Indian Academy of Sciences Summer Fellowship for short term research.

- Gagandeep Kaur, 2015, Local / University, Poster Prize. Targeting Cytochrome b5 reductase3 to combat cardiovascular diseases, 5th National Science Day Symposium, 27th-28th February, 2015, University of Delhi South Campus, New Delhi
- Priyanka Chowdhury, 2012, National, Indian Academy of Sciences Summer Fellowship for short term research
- Pragya Sidhwani, 2012, International, Khorana Summer Program for Scholars, Indo-US Science and Technology Forum for short term research in Wisconsin, USA.