




Bhaskaracharya College of Applied Sciences (University of Delhi)

Sector II, Phase I, Dwarka, New Delhi – 110075

FACULTY PROFILE

Title	Dr	First Name	Balaram	Last Name	Pani	
Designation		Principal				
Department		Chemistry				
Address (Campus)		Bhaskaracharya College of Applied Sciences, Phase-I, Sec-2, Dwarka-110075				
Contact Details		+91-9654066364				
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Email Id		balaram.pani@bcas.du.ac.in				
Educational Qualification		Subject	Institution			
Ph.D		Environmental Sciences	Jawaharlal. Nehru University, Delhi			
M.Phil.		Environmental Sciences	Jawaharlal. Nehru University, Delhi			
M.Sc.		Chemistry	Sambalpur University, Orissa			
Research Interests/ Specialization						
Environmental Sciences						
Teaching Interest						
Chemistry, Environmental Studies, Polymer Science						
Achievements/Patents						

Awarded as “Most Promising Innovation” for the project entitled “To explore the potential of biosimilars as cost-effective therapeutic products(Appendix A305)” sponsored by DU Innovation Project, (2015-16).

Publications (Last Five Years)

Year of Publication	Title	Journal	Co-author/s
2016	Consumption pattern, behaviour and awareness towards e-waste among mobile users in New Delhi	International Journal Environmental Policy and Decision Making	Geeta Bhatt, Manoj Khanna, Balaram Pani, Ashish Chaturvedi
2015	Heuristic Rule Based Fuzzy Inference System for Decision Support and Quality Assurance in Higher Education	International Journal Enhanced Research in Management & Computer App	Gurkiran Kaur, Geeta Bhatt, Manoj Khanna, Balaram Pani
2015	Characterizing DNA Assisted Dispersion & DNA-SWNTS Hybrids Using Photoluminescence	Bio Technology, Elixir Bio Tech	Pawan Kumar, Geeta Bhatt, Balaram Pani, Shweta Dua, Ankush mittal and Diwakar
2015	Development of Forehead Probe for Brain Oximeter	Biomedical Engineering, Elixir Biomedical Engg	Shweta Dua, Balaram Pani, Pawan Kumar
2015	Correlation of Some Selected Heavy Metals in The Thermal Power Plant Ash Pond Leachates	Journal of Engineering Computers & Applied Sciences(JECAS)	Balaram Pani
2014	The influence of different surfactants on the dispersion behaviour of single wall carbon nanotube (swnt)	International Journal of Engineering and Techno Sciences	Pawan Kumar, Balaram Pani, Harsh Batra and Neha Gupta
2013	Effect of seasonal variation on metal speciation in leachate from a Thermal power plant ash pond: Impact on ground waters.	International Journal of Engineering Sciences & Research Technology	Balaram Pani, Siddarth Sirohi, Manjeet Singh Barwa
2013	Prohibition of toxic chemicals for sustainable environment	Journal of Acad. Indus. Res	Balaram Pani, Sandeep Kumar Dixit and Jyoti Singh,
2013	Alternative Synthetic Approaches for the Industrial Pollution Control & Prevention	J. Acad. Indus. Res	Balaram Pani and Pradeep Kumar Muwal
2013	Studies on the Effects of Various Flame Retardants on Polypropylene	American Journal of Polymer Science	Balaram Pani, Sidhharth Sirohi, Dharendra Singh
Conference Publications			
2016	Systematic Shortlisting of Candidate Molecules and Biosimilar/ Biobetter Product Development: An Undergraduate Research Effort	6 th International Conference on Biologics & Biosimilars held at Houston, USA	Balaram Pani
2016	Decontamination of the Polluted Sites using Aromatic Plants: A Green Approach	International Conference on Green Chemistry in Environmental Sustainability & Chemical Education (ICGC-2016) at Daulat Ram College, University of Delhi, Delhi	Shubhra Barwa, Manjeet Singh Barwa, Prem Lata Meena, Anil Barak and Balaram Pani,
2016	Developing Sustainable energy sources by the use of Potential Renewable Energy Resources	International Conference on Green Chemistry in Environmental Sustainability & Chemical Education (ICGC-2016), at Daulat Ram College, University of Delhi, Delhi	Manjeet Singh Barwa, Prem Lata Meena, Anil Barak, Shubhra Barwa, Balaram Pani,

2015	Consumption Pattern, Behaviour and Awareness towards e-Waste among Mobile users in New Delhi	15th International Academic Conference, Rome, The International Institute of Social and Economic Sciences, Rome, Italy	Balaram Pani
2013	Awareness of Environmental Hazards among Mobile users in Delhi Region and the Potential Heavy Metal Concentration in them	National Conference on E-waste sustainability, March 2013, BCAS-GIZ-IGEP(Indo-German partnership), Delhi	Balaram Pani
2012	Impact of Industrial Pollution on Environment and its Remediation	National Seminar on Green Chemistry, October 2012, UGC Sponsored at PG Dept of Chemistry, Berhampur University, Odisha	Balaram Pani

Project (Minor/Major)

- ❖ Study of Rise in Consumption of the Mobile Phone/ Electronic Gadgets in Delhi Region and Material Analysis Projecting Potential Electronic Waste & their Impact on Environment(2013-14). Innovation Projects sponsored by DU.
- ❖ Assessment of Brominated Flame Retardants in Mobile Phones/ Electronic Gadgets, their Consumption Pattern in North India Region and Carbon Foot Prints from Electronic Waste(2014-15). Innovation Projects sponsored by DU.
- ❖ To explore the potential of biosimilars as cost-effective therapeutic products(Appendix A305), (2015-16). Innovation Projects sponsored by DU.
- ❖ Spatial Distribution of uranium and associated water quality parameters in groundwater/ surface water in six(06) districts of Uttar Pradesh (Agra, Mathura, Mahamaya Nagar, Kanshiram nagar, Etah and Badaun), sponsored from BRNS, BARC, Bombay, 2015.

Any other information

Books:

- ❖ D. Banerjee and B. Pani, "Metal Speciation in overflow and Leachate form a Thermal Power Plant ash pond, Impact on receiving waters", Chemistry for the protection of the environment, 3rd edited by Pawlowski et al. Plenum press, New York. pp. 23-34, 1998.
- ❖ Chemistry for IGNOU, 2004.
- ❖ Environmental Studies series from 6th to 12th class of CBSE, JC Publications, 2005.
- ❖ Chemistry Lab Manual for IGNOU, 2006.
- ❖ A Text Book on Engineering Chemistry, Galgotia Publication, 1st ed 2001 & 2nd ed 2007.
- ❖ Environmental Science and Engineering, Galgotia Publication, 1st ed 2007.
- ❖ A Text Book on Environmental Chemistry, IK International Publication, 2007.
- ❖ Text Book on Toxicology, IK International Publication, 2009.
- ❖ Fundamental of Science & Technology, (VI), Jay Cee Publications, India, 2009.
- ❖ Fundamental of Science & Technology, (VII), Jay Cee Publications, India, 2009.
- ❖ Fundamental of Science & Technology, (VIII), Jay Cee Publications, India, 2009.
- ❖ Fundamentals of Environmental Education, (VI), Jay Cee Publications, India, 2006.
- ❖ Fundamentals of Environmental Education, (VII), Jay Cee Publications, India, 2006.
- ❖ Fundamentals of Environmental Education, (VIII), Jay Cee Publications, India, 2006.
- ❖ Fundamentals of Environmental Education, (IX), Jay Cee Publications, India, 2006.
- ❖ Fundamentals of Environmental Education, (X), Jay Cee Publications, India, 2007.
- ❖ Fundamentals of Environmental Education, (XI), Jay Cee Publications, India, 2008.
- ❖ Book Chapter in "Sustainable Smart Cities in India" published by Springer Link, as Chapter title " Awareness and sensitivity of Mobile Phone Consumers on Electronic Waste in Delhi-NCR Region" Chapter No. 27, 2016-17.
- ❖ Book Chapter in "Nanostructured Polymeric Materials and Polymer Nanocomposites" published by Apple Academic Press(Canada), as Chapter title "Synthesis of well Dispersed ZnO NPs for Nanofinishing Textiles and Biomedical Applications " 2016-17.

Life Membership of Academic Societies

1. The Indian Science Congress Association
2. International Association of Engineers (IAENG)
3. Indian Chemical society
4. Green Chemistry

