




Bhaskaracharya College of Applied Sciences (University of Delhi)

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

FACULTY PROFILE

Title	DR.	First Name	PURNIMA	Last Name	ANAND	Photograph
Designation	ASSISTANT PROFESSOR					
Department	MICROBIOLOGY					
Address (Campus)	DEPARTMENT OF MICROBIOLOGY BHASKARACHARYA COLLEGE OF APPLIED SCIENCES UNIVERSITY OF DELHI SECTOR 2, PHASE 1, DWARKA NEW DELHI-110075					
Contact Details	9818563729					
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Email Id	purnima.anand@bcas.du.ac.in					
Educational Qualification	Subject			Institution		
Ph.D	MICROBIOLOGY			DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF DELHI, SOUTH CAMPUS		
M.Sc.	MICROBIOLOGY			DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF DELHI, SOUTH CAMPUS		
B.Sc.	BOTANY			GARGI COLLEGE, UNIVERSITY OF DELHI		
Research Interests/ Specialization						
<ul style="list-style-type: none"> ● Environmental Microbiology ● Food Microbiology ● Medical Microbiology 						
Teaching Interest						

- Bacteriology
- Mycology
- Environmental Microbiology
- Microbial Physiology and Metabolism

Achievements/Patents

- **University medal** for obtaining first rank in M. Sc. Microbiology in University of Delhi
- **Awarded consolation prize in the symposium** Shruti Jindal, Pragya Ahuja, Divya Bindra, Divya Khurana, Prerna Angrish, Akash Kumar, Rishi Kashyap, Balamaram Pani, Ranjeet Singh Thakur, Avneesh Mittal, Purnima Anand, Neha Bansal, Uma Chaudhry and Daman Saluja. 2016. **Alarming increase in the cases of childhood obesity... (Where are we heading?) National Symposium on Lifestyle Disorders held at Shivaji College (28th-29th January'2016)**

Conference Publications:

Year of Publication	Title	Journal	Co-author/s
2016	Systematic shortlisting of candidate molecules and biosimilar / biobetter product development: an undergraduate research effort.	Journal of Bioanalysis & Biomedicine 8:5 (Suppl) http://dx.doi.org/10.4172/1948-593X.C1.023 Impact Factor 3.49	Balamaram Pani, Pooja Gupta, Ranjeet S. Thakur, Avneesh Mittal, Purnima Anand, Deepika Bhaskar and Uma Chaudhry
2012	Rapid detection and characterization of pathogens present on fresh produce: A paradigm shift from culture plate to molecular biology.	Journal of Food Processing & Technology, Vol 3 Issue 10. Impact Factor 2.15	Uma Chaudhry, R. K. Khandal, Shalini Sehgal and Purnima Anand
2012	Evaluation of food safety practices in the retail outlets of West Delhi (India).	Journal of Food Processing & Technology, Vol 3 Issue 10. Impact Factor 2.15	Shalini Sehgal, R.K. Khandal, Uma Chaudhry and Purnima Anand

Abstracts published in Conference Proceedings:

2016	Systematic and Extensive Analysis of the US-FDA Biotherapeutics: Possibility of producing biosimilars in Emerging markets	Conference Proceedings BioMedCon 2016 : National Conference on Recent Advances in Biomedical Science: Diagnosis and Research and 2nd Annual Scholar's Meet of SBMLS	Anannnya Tuli, Nivita Gugnani, Suchita Reddy, L. Nandini Krishna, Surbhi Lal, Balamaram Pani, Ranjeet S. Thakur, Avneesh Mittal, Purnima Anand, Deepika Bhaskar and Uma Chaudhry
2016	Alarming increase in the cases of childhood obesity... (Where are we heading?)	Conference Proceedings: National Symposium on Lifestyle Disorders (NSLD): Understanding the molecular mechanisms	Shruti Jindal, Pragya Ahuja, Divya Bindra, Divya Khurana, Prerna Angrish, Akash Kumar, Rishi Kashyap, Balamaram Pani, Ranjeet Singh Thakur, Avneesh Mittal, Purnima Anand, Neha Bansal, Uma Chaudhry and Daman Saluja
2016	Role of gut microbiome in childhood obesity	Conference Proceedings: National Symposium on Lifestyle Disorders (NSLD): Understanding the molecular mechanisms	Prerna Singh, Neetika Naudiyal, Pulkit Singhal, Prerna Angrish, Bhoomika Shokeen, Juhi Kumari, Akash Kumar, Rishi Kashyap, Devyani Das, Manisha, Balamaram Pani, Ranjeet Singh Thakur, Avneesh Mittal, Purnima Anand, Neha Bansal, Uma Chaudhry and Daman Saluja

2015	Childhood obesity and the role of maternal factors	Symposium on Frontiers in Biomedical Research organized by Dr. B. R. Ambedkar Center for Biomedical Research (ACBR), University of Delhi	Neha Bansal, , Purnima Anand, Avneesh Mittal , Uma Chaudhry, and Daman Saluja
2015	Exploring the potential of Biosimilars as Cost-Effective Biotherapeutics	Symposium on Frontiers in Biomedical Research organized by Dr. B. R. Ambedkar Center for Biomedical Research (ACBR), University of Delhi	Pooja Gupta, Deepika Bhaskar, Balaram Pani, Ranjeet K. Thakur, Avneesh Mittal, Purnima Anand, Uma Chaudhry, Vaishali Joshi, Stabonia Maji, Anuvrat Sircar and Ayushi Chhabra
2014	Understanding the Burden of Vitamin B12 and Folate Deficiency in Young Indians	National Conference on “Understanding the Mechanism and Challenges of Complex Diseases” organized by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi	Ankita Rathore, Akriti Gautam, Arushi Batra, Kanchan Tehlan, Kunal Prakash Rai, Neha Shukla, Nikhil Raheja, Parul Yadav, Pooja Saini, Pooja Singh, Prashant Rawat, Sahil Kumar, Shruti V ,Purnima Anand, Arti Batra, Parvinder Kaur and Uma Dhawan and Shantanu Sengupta
Project (Minor/Major)			
<ul style="list-style-type: none"> ● University of Delhi Innovation project BCAS102 (2012-13) titled “Studies to assess the quality of fruits and vegetables with respect to microbial load and the remedial measures for their control (Total cost 10.0 lakhs). Interdisciplinary Students Research Project ● University of Delhi Innovation project BCAS207 (2013-15) titled Understanding the burden of vitamin B12 and folate Deficiency in young Indians. (Total cost 7. 5 lakhs). Interdisciplinary Students Research Project ● University of Delhi Innovation project BCAS304 (2015-16) titled To understand the role of maternal factors in childhood obesity and promote metabolic fitness (Total cost 5. 5 lakhs). Interdisciplinary Students Research Project 			
Any other information			
<ul style="list-style-type: none"> ● Member of Organising committee and Resource Person for organising INSPIRE camps (A DST, Govt. Of India programme) in the college for school students.(2010-2013) ● Coordinator for Annual Microbiology Festival, Micro quest, under the aegis of Sukshmjeev Society of the Department of Microbiology. ● Co-coordinator of National Symposium on “Infectious diseases: advancements in diagnosis, therapeutics and vaccines” on 20th and 21st March, 2014. ● Coordinator “Virtual Learning Environment Workshop -- Shaping, Teaching and Learning with VLE” -- in collaboration with the Institute of Informatics and Communications, University of Delhi, South Campus for the faculty members of the college, on September 6, 2014. ● Coordinator and Resource Person for the First Laboratory Staff Skill Development Program (LSSDP-2014) organized for the laboratory staff of the various Life Sciences Departments from December 15-18, 2014. ● Member of organizing team for A One day symposium on “Biofuels: an alternative and non-conventional energy source for future” on February 2, 2015, under the aegis of Star college Scheme of the college. ● Departmental Coordinator for Star College Scheme December 2010- November 2013. ● College Coordinator, Star College Scheme December 2013-November 2015. ● Presiding officer, Internal Complaint Committee since 2014. 			