



Bhaskaracharya College of Applied Sciences (University of Delhi)

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

FACULTY PROFILE

Title	DR.	First Name	GEETA	Last Name	MONGIA	Photograph
Designation	ASSOCIATE PROFESSOR					
Department	ELECTRONICS					
Address (Campus)	DEPARTMENT OF ELECTRONICS BHASKARACHARYA COLLEGE OF APPLIED SCIENCES UNIVERSITY OF DELHI SECTOR 2, PHASE 1, DWARKA NEW DELHI-110075					
Email Id	geeta.mongia@bcas.du.ac.in					
Educational Qualification	Subject	Institution				
Ph.D	ELECTRONICS	UNIVERSITY OF DELHI				
M.Phil	ELECTRONICS	UNIVERSITY OF DELHI				
M.Sc.	ELECTRONICS	UNIVERSITY OF DELHI, SOUTH CAMPUS				
Research Interests/ Specialization						
<ul style="list-style-type: none"> • Green Energy • Renewable Energy Resources • Optical Data Storage 						
Teaching Interest						
<ul style="list-style-type: none"> • Circuit Design and Analysis • Analog Electronics • Optics and Opto- electronics 						
Achievements/Patents						

- Conferred with 'BEST TEACHER AWARD' from Department of Higher Education, Govt. of NCT Delhi
- Awarded a certificate of Excellence by 'Lions Club' Delhi
- Published TWO books Titled (ISBN NO.), Publications
 - Digital Electronics Laboratory Manual (978-81-8487-489-1), Narosa Publications
 - Experiment Based on Analog and Digital Electronics (978-93-81141-72-4), I.K.International Publications

Publications (Last Five Years)

Year of Publication	Title	Journal	Co-author/s
2016	An approach for Electricity Generation using Microbial Fuel Cell Technology: A Green Energy Initiative	Journal of Energy Research and Environmental Technology, Vol 3(2), 2016	Dr. Inderbir Kaur, Dr. Ruchi Gulati Marwah, Mr. Pawan Kumar <i>et al.</i>
2015	A Short Review on Microbial Fuel Cell Technology and A Proposed approach for Generation of Electricity using Waste Water Treatment	International journal of Scientific Research and Development, IISRD/Conf NCIL/2015/002,9-11.	Verma,G., Singh, Y., Kumari, A., Sabharwal, N., Agarwal, A., marwah R., Kaur, I.

Conference Publications/Presentations

2016	Paper presentation titled "Art of uplifting the scope of Microbial Fuel Cell: A Green Energy Initiative" at India International Science Festival (IISF), held at National Physics Laboratory (NPL) , New Delhi, from 7 -11 December, 2016.	Published in abstract proceedings of IISF, pg-186.	Kumar, P., Kaur, I., Marwah, R., and Avinashi., K.
2016	Poster presentation titled "Clean electricity generation from sewage samples using microbial fuel technology: a green energy initiative" at Innovation conclave held	-----	Dr.Inderbir Kasur, Dr.Ruchi,G. Marwah et al.

	at ANDC University of Delhi,25-26 October, 2016.		
2016	<p>“An approach for enhancing the performance of microbial fuel cell: A green energy initiative” (Poster presentation) at the International Conference on Advances in Nano Materials and Nanotechnology, held at Jamia Milia Islamia University, Nov. 4-5, 2016</p>	<p>Published abstract in proceedings of the conference,pg 218.</p>	<p>Dr. Inderbir Kaur, Dr. Ruchi Gulati Marwah, <i>et al.</i></p>
2015	<p>“Algae : Power plants of Future”, in UGC sponsored national conference on Recent trends in Instrumentation and Electronics (RTIE-2015), Jan. 5-6, 2015 held at Shaheed Rajguru college of Applied Sciences for women, University of Delhi, New Delhi.</p>	<p>Paper published in proceedings, pgs 38-39.</p>	<p>Dr. Inderbir Kaur, Dr. Ruchi Gulati Marwah <i>et al.</i></p>
2015	<p>“Bio-electricity production using Algae-A Brighter Road Ahead...” in UGC sponsored National Conference on Striving and Thriving towards diffusion of student-driven research in science and technology for inspired learning, October 16-17, 2014 at Maharaja Agrasen College, University of Delhi, New Delhi</p>	<p>Paper published in proceedings pgs 64-68.</p>	<p>Dr. Inderbir Kaur, Dr. Ruchi Gulati Marwah <i>et al.</i></p>

2015	<p>“Bio-Photovoltaics (BPV) : Harnessing Green Energy for Future Technologies” in National Conference on Nanotechnology and Renewable Energy (NCNRE-14), April 28-29, 2014 organized by Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi.</p>	<p>Abstract B44, pgs 645-647 published in the proceedings of the conference.</p>	<p>Dr. Inderbir Kaur, Dr. Ruchi Gulati Marwah <i>et al.</i></p>
Project (Minor/Major)			
<ul style="list-style-type: none"> • Low Cost Electricity Generation using Bio-Photovoltaic Technology- a Green Energy Initiative. This project was a joint venture of Department of Electronics and Department of Microbiology of Bhaskaracharya College of Applied Sciences. The project was under DU Innovation project scheme (Rs. 5.50 lakh). [2013-15] 			
Any other information			
<ul style="list-style-type: none"> • Coordinator of National Workshop on “VLSI designing using Verilog coding”. This was held in collaboration with JBT Tech India (VLSI Design Solutions and Project Training Company) held during July 16-18, 2013 at Bhaskaracharya College of Applied Sciences. • Member organizing committee of “National Conference on E-Waste Sustainability: Needs and Solutions for its Management. It was held on March 7-8, 2013, at Bhaskaracharya College of Applied Sciences. This workshop was in collaboration with GIZ-IGEP (Indo German Environment Partnership). • Co-Coordinator of workshop on “Experiments and Research Applications with National Instrument LabVIEW” held during February 2-3, 2012 at Bhaskaracharya College of Applied Sciences • Coordinator of National Workshop on “Printed Circuit Board Designing”. This was held in collaboration with Tevatron Technologies Pvt. Ltd. held during March 24-26, 2015 at Bhaskaracharya College of Applied Sciences 			