




**Bhaskaracharya College of Applied Sciences  
(University of Delhi)  
Sector II, Phase I, Dwarka, New Delhi - 110075**

**FACULTY PROFILE**

<b>Title</b>	Dr.	<b>First Name</b>	Manoj Kumar	<b>Last Name</b>	Khanna	<b>Photograph</b>
<b>Designation</b>	Associate Professor					
<b>Department</b>	Electronics					
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<b>Email Id</b>	dr_manojkhanna@yahoo.co.in					
<b>Educational Qualification</b>	<b>Subject</b>			<b>Institution</b>		
Ph.D.	Anomalous Behavior & Fringing Field Dependent Threshold Voltage Modeling of Small Geometry MOSFETs for VLSI Applications			D.U.		
M.Sc.	Electronics			Department of Electronic Science, University of Delhi		
<b>Research Interests/ Specialization</b>						

Teaching Interest			
Teaching experience of approximately 20 years			
Achievements/Patents			
Publications (Last Five Years)			
Year of Publication	Title	Journal	Co-author/s
2015	Development and Characterization of Real Time Metal Transfer Recording Facility for Submerged ARC Welding,	IJRMET 5.1 ISSN – 2249-5762 (online), ISSN – 2249-5770 (print)	Satish K. Sharma and Sachin Maheshwari
2014	Exact analytical solutions of the parameters of different generation real solar cells using Lambert W- function: A Review Article,	Volume 4, No. 4, Invertis Journal of Renewable Energy ISSN 2231-3419.	Sharma Swati, Shokeen Poonam, Saini Basant, Sharma Sugandha, Chetna, Kashyap Jyoti, Guliani Renu, Sharma Sandeep, Udaibir, Jain Amit, Kapoor A.
2015	Heuristic Rule Based Fuzzy Inference System for Decision Support and Quality Assurance in Higher Education,	ISSN 2319-7471 Vol 4, Issue 6, pp25-30.	Gurkiran Kaur, Geeta Bhatt, Balam Paani,
2015	An approach towards approximation of the design of quantum gate,	ISSN 2394-5443 Vol 2, Issue 8	Shakti Sharma, Harish Parthasarthy, Akash Tayal, Geeta Bhatt, and Updesh Sharma
2016	'Consumption pattern, behaviour and awareness towards e-waste among mobile users in New Delhi'	Int. J. Environmental Policy and Decision Making, Vol. 2, No. 1, 28-40, ISSN online: 1752-6914	Geeta Bhatt, Balam Pani
Conference Publications (Last Five Years)			
Year of Publication	Title	Conference	Co-author/s

2013	“Awareness of Environmental hazards among mobile user in Delhi region and the potential heavy metal concentration”	National Conference on E-Waste Sustainability, Bhaskaracharya College of Applied Sciences, New Delhi,7-8 March,2013	
2014	“PID Tuning of Temperature Controller with Soft Computing Technique of ACO”,	National Symposium on Instrumentation (NSI-39), October 15-17, 2014.	Pooja Anntil, Himani Goel, Poonam Sethi Bist, Avneesh Mittal, T.K. Saxena,
2016	“Analysis Of ZnO Thin Film Based Refractive Index Sensor”,	International Conference on Advances in Nanomaterials and Nanotechnology, 4 - 5 Nov, 2016, Jamia Millia Islamia, Article No. 298, Page No. 308, Proceeding ISBN : 978-93-85000-94-2	Geeta Bhatt, Anil Kumar, Rakesh and Manoj Kumar
2016	“Interrogation of ZnO Thin Film For Sensing and Waveguiding Applications”	2nd International Conference on Recent Advances in Nanosciences And Nanotechnology, 19 - 20 Dec, 2016, Jawaharlal Nehru University	Geeta Bhatt, Anil Kumar, Rakesh, Manoj Kumar and Avinashi Kapoor
<b>Project (Minor/Major)</b>			
<b>Any other information</b>			
<ul style="list-style-type: none"> <li>• Appointed as Convener, Admission Committee, University of Delhi for the year 2017-18</li> <li>• Served as the Officiating Principal of Bhaskaracharya College of Applied Sciences from Dec 2013 to Apr 2015.</li> <li>• Books Published: <ul style="list-style-type: none"> <li>○ MATLAB Essentials for Problem Solving, Manoj Khanna, Geeta Bhatt, Pawan Kumar, ISBN No.:978-81-203-5175-2, PHI 2015</li> <li>○ Digital Circuits and Systems Using VHDL, Er. Deepak Gupta, Dr. Manoj Khanna ISBN No. :9789383992133, BET Publications 2014</li> <li>○ Computer Architecture and Organisation, Er. Deepak Gupta, Dr. Manoj Khanna ISBN No. :9788192794617, BET Publications 2014</li> </ul> </li> </ul>			