



**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	BHATT	Photograph
Designation	ASSOCIATE PROFESSOR					
Department	INSTRUMENTATION					
Address (College)	Bhaskaracharya College of Applied Sciences (University of Delhi) Sector-2, Phase 1, Dwarka , New Delhi-110075					
Fax (College)	011-25081015					
Email Id	geeta.bhatt@bcas.du.ac.in					
Educational Qualification	Subject			Institution		
Ph.D	“Oxygen and Nitrogen Ion-Implantation studies in silicon”			University of Mumbai		
M.Phil	“Simulation of GaAs MESFET using SPICE”			University of Delhi		
M.Sc.	Electronics			Department of Electronic Science, University of Delhi		
Research Interests/ Specialization						
Electronics, Electronic Waste, Gas Sensors, Material Science (Semiconductor thin films)						
Teaching Interest						
Transducers, Instrumentation, Microprocessors, Operational Amplifiers Teaching experience of 19 years						
Achievements/Patents						
Meritorious Teacher’s award from Directorate of Higher Education, Government of the NCT of Delhi for the year 2013-14						
Publications (Last Five Years)						
Year of Publication	Title			Journal	Co-author/s	

2015	Analysis of chromium clad optical waveguide for TE pass polarizer using polymer buffer layer	Int. J. of Engineering and Applied Sciences. (Vol. 7) No. 02. ISSN No. : 2305-8269	Kumar A., Rakesh, Kumar M., Bhatt G. , Kapoor A.
2015	Characterizing DNA Assisted Dispersion and DNA-SWNTs Hybrids using Photoluminescence	Bio Technology (Elixir Int. J.), Pages 33188-33193. ISSN No. : 2229-712X	Kumar P., Bhatt G. , Pani B., Dua S., Mittal A., Diwakar
2015	Heuristic rule based fuzzy inference system for decision support and quality assurance in higher education	Int. J. of Advanced Research in Management and Computer Application, Vol.4, Issue 6, p. 20-30, ISSN No. : 2319-7471	Kaur G., Bhatt G. , Kumar M., Pani B.
2015	An approach towards approximation of the Design of Quantum Gate	Int. J. of Advanced Technology and Engineering Exploration , Volume-2, Issue-8 Page 117-121, ISSN No. : 2394-7454	Sharma S., Parthasarathy H., Tayal A., Bhatt G. , Khanna M., Sharma U.
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, 2016 ,28-40, ISSN online: 1752-6914.	Bhatt G. , Khanna M., Pani B.
2016	Awareness and Sensitivity of Mobile Phone Consumers on Electronic Waste in Delhi-NCR Region ", Sustainable Smart Cities in India	Springer International Publishing AG, 2017, ISBN: 978-3-319-47144-0.	Bhatt G. , Khanna M., Pani B.
Conference Publications (Last Five Years)			
Year of Publication	Title	Conference	Co-author/s
2013	Awareness of Environmental Hazards among Mobile users in Delhi region and the potential heavy metal concentration,	National Conference on E-WASTE SUSTAINABILITY: NEEDS AND SOLUTIONS FOR ITS MANAGEMENT, March 7-8, 2013, joint collaboration of Indo-German Environment Partnership (IGEP) and	Bhatt G. , Khanna M., Pani B.

		Bhaskaracharya College of Applied Sciences, University of Delhi.	
2015	Awareness and sensitivity of mobile phone consumers on electronic waste in Delhi-NCR region	National Conference on "Smart Cities: Challenges and Vision Ahead" on 6th April, 2015, at India International Center, New Delhi organized by Shaheed Bhagat Singh College, University of Delhi.	Bhatt G. , Khanna M., Pani B.
2016	Mobile Ecosystem in Delhi NCR: A perspective of Consumer Awareness towards E-Waste	5th International symposium on Fusion of Science and Technology held at New Delhi during 18th Jan 2016 -22nd Jan 2016.	Bhatt G. , Khanna M., Pani B.
2016	Analysis Of ZnO Thin Film Based Refractive Index Sensor	International Conference on Advances in Nanomaterials and Nanotechnology, 4 - 5 Nov, Jamia Millia Islamia, Article No. 298, Page No. 308, Proceeding ISBN : 978-93-85000-94-2.	Bhatt G. , Khanna M., Kumar A., Rakesh, Kumar M.
Project (Minor/Major)			
<p>1) Principal Investigator in the University of Delhi Innovation Projects from Colleges scheme titled Study of Rise in Consumption of the Mobile phones/Electronic Gadgets in Delhi region and Material Analysis projecting potential Electronic Waste and their impact on Environment (Code BCAS 101)</p> <p>2) Principal Investigator in the University of Delhi Innovation Projects from Colleges scheme titled Study of Rise in Consumption of the Mobile phones/Electronic Gadgets in Delhi region and Material Analysis projecting potential Electronic Waste and their impact on Environment (Code BCAS 206)</p>			
Any other information			
<p>Books Published:</p> <p>“MATLAB Essentials for Problem Solving”; Prentice Hall india (PHI) ISBN-978-81-203-5175-2</p> <p>“Experiments based on Analog and Digital Electronics”; I.K International Publishing House Pvt. Ltd. ISBN: 938114172X</p> <p>“Balochistan What World needs to Know” (edited); India Policy Foundation ISBN: 978-93-84935-11-8</p> <p>Reviewed e-content of four chapters in discipline of Instrumentation for the Institute of Life Long Learning, University of Delhi, ISSN No. 2349-154X uploaded on the website: www.vle.du.ac.in.</p> <p>Delivered an invited talk titled ‘Electronic waste: Price of wiring the world’ at National Conference on “Bioelectronics & Biomedical Technology” at Jamia Hamdard University Jan 29-30 2013, New Delhi.</p>			

Elected Member to Academic Council of University of Delhi for academic year 2015-2017.
Member of the Standing Committee for New Courses 2015-16, University of Delhi
Member of the Science Courses Admission Committee 2015-16, University of Delhi
Member of the Central Admission Grievance Committee 2015-16, University of Delhi
In the Executive Committee of the WUS-DU Committee of University of Delhi from 2014-2015.