



Bhagini Nivedita College

Faculty Details



Title	Dr.	First Name	PRIYANKA	Last Name	MALIK	Photograph
Designation	ASSISTANT PROFESSOR, BHAGINI NIVEDITA COLLEGE					
Address	D-403, ADANI GRAND OYSTER M2K, SEC.102, GURGAON, HARYANA-122505					
Phone No	Office					
	Residence					
	Mobile	8802054418				
Email	Prink.malik@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D Electronic Science	University of Delhi				2013	
M.Sc. Physics	University of Delhi				2007	
B.Sc. Physics	University of Delhi				2005	
Career Profile						
<p>Over the years I have had the opportunities to work with number of reputed Colleges of University of Delhi, India as an Assistant Professor of Physics and with the numerous roles that I have played in these Colleges have given me large skill sets as well as added advantage in developing, implementing, and maintaining an ambience of learning and reach the zenith realizing my potential.</p>						
Administrative Assignments						
ACTIVE MEMBER OF CULTURAL COMMITTEE AND ADVISORY COMMITTEE.						
Areas of Interest / Specialization						
Physics & Electronics						
Subjects Taught						
Quantum Mechanics, Solid State Physics, Thermal Physics, EMT, Electricity and Magnetism						
Research Guidance						
NA						
Publications Profile						
1. Priyanka Malik, Mridula Gupta and R.S.Gupta, " Linearity analysis of GME-TRC MOSFET Using SiO ₂ as a gate Insulator at high temperature, Advanced Materials Research, Vol. 685, pp. 207-210, 2013.						

2. Priyanka Malik, R.S.Gupta, Rishu Chaujar and Mridula Gupta “AC Analysis of nanoscale GME-TRC MOSFET for Microwave and RF Applications”, Microelectronic Reliability, Accepted, July 2011.
3. Priyanka Malik, R.S.Gupta, Rishu Chaujar and Mridula Gupta, “Linearity-Distortion analysis of GME-TRC MOSFET for High Performance and Wireless Applications”, Journal of Semiconductor Technology and Science, pp.162-174, July, 2011.
4. Priyanka Malik, Rishu Chaujar, Mridula Gupta and R.S.Gupta, “Physics based Threshold Voltage Analysis of Gate Material Engineered Trapezoidal Recessed Channel (GME-TRC) Nanoscale MOSFET and its multilayered gate architecture”, International Journal Of Microwave And Optical Technology, Vol.5, No.6, pp.361-368. Nov. 2010.
5. Priyanka Malik, Rishu Chaujar, Mridula Gupta and R.S.Gupta, “Two-dimensional analytical drain current model for Multilayered-Gate Material Engineered Trapezoidal Recessed Channel (MLGME-TRC) MOSFET: a novel design”, World Academy of Science, Engineering and Technology, No.64, pp. 472-476, 2010.
6. Priyanka Malik, Sona P. Kumar, Rishu Chaujar, Mridula Gupta and R.S.Gupta, “GATE MATERIAL ENGINEERED-TRAPIZOIDAL RECESSED CHANNEL MOSFET FOR HIGH-PERFORMANCE ANALOG AND RF APPLICATIONS”, Microwave And Optical Technology Letters, Vol.52, No.3, pp. 694-698, March 2010.

Publications in the Last one year
<u>NA</u>
Conference Organization/ Presentations (in the last three years)
NA
Research Projects (Major Grants/Research Collaboration)
NA
Awards and Distinctions
NA
Association With Professional Bodies
NA
Other Activities

List of Webinars and Faculty Development Programmes, Participated

1. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "THEORETICAL AND PRACTICAL ASPECTS IN APPLIED PHYSICS" from 24/09/2021 to 28/09/2021 at Radha Govind Group of Institutions Meerut.
2. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Photonics" from 2020-11-2 to 2020-11-6 at GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR.
3. National Webinar on "Obesity and Management" jointly organised by Department of Physical Education(BCAS) & Indira Gandhi Institute of Physical Education and Sports Sciences(University of Delhi) on 29th May 2020 through Google Meet.
4. National Webinar on "Preventative healthcare diagnostic platforms based on Micro-Nanotechnologies" Organaised by Department of Science, Lady Irwin College on 30th May, 2020.
5. Technical talk (Webinar) on "Endofullerenes: Nano-scale test tubes for single molecules and atoms" organised by The National Academy of Sciences, India (NASI) - Delhi Chapter- & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter on June 8, 2020.
6. BCAS Silver Jubilee International Webinar Series on "Technological Trends for the next Generation" organized by Department of Electronics on June 1- 5, 2020.
7. National Webinar on "Enhancing Research Interest of Research Publications" Organised by IQAC Maharaja Agrasen College on June 3, 2020.
8. National Webinar on "An analysing of opting old tax rates regime for financial year 2020-21" Organised by IQAC Maharaja Agrasen College on June 2, 2020.
9. Webinar on "Commodity Training" by NCDEX Institute of commodity & market research (NICR) and center for skill development & IQAC, SHYAM LAL COLLEGE, University of Delhi, held on June 6, 2020.
10. webinar on Impact of the "Pandemic on the Metropolitan Middle-Class Indian Woman" organized by IQAC and the Department of English, Jesus and Mary College, University of Delhi, India on June 12 , 2020.