



MAHARAJA AGRASEN COLLEGE
University of Delhi
VASUNDHARA ENCLAVE, DELHI-110096

Curriculum Vitae of Faculty Members

First Name	Dr. Manvi	Last Name	Tak		
Designation	Assistant Professor (Adhoc)	Department	Physics		
Date of Birth	29-09-1987	Date of Joining	15-09-2016		
Residential Address	F-79, UG-1, Dilshad colony, Delhi-110095				
Contact No	9953391475	Email Id	manvi_du@yahoo.com		
Education					
Subject	Institution	Year	Details		
B.Sc. (H) Physics	Miranda House (D.U.)	2007	First Divison		
B Ed. (Physics)	Jamia Millia Islamia, Delhi	2008	First Divison		
M. Sc. Physics	D.U.	2010	First Divison		
Ph. D. (Physics)	D.U.	2016	-		
Career Profile					
Organization/ Institution	Post Held	Adhoc/Temp/ Permanent	From	To	Total Experience
D.U./ Maharaja Agrasen College	Assistant Professor	Adhoc	15-09-2016	Present	~ 1 year
D.U./ Maharaja Agrasen College	Assistant Professor	Adhoc	4-02-2014	22-05-2015	~1 year 3 months 18 days
D.U./ Ramjas College	Assistant Professor	Adhoc	31-01-2014	3-02-2014	~ 4 days
Teaching Experience (Subjects/Courses Taught)					
Mathematical physics, Mechanics, Solid state and nuclear physics, Physics-ii, Elements of Modern Physics/ Bsc (H) Physics, Bsc Physical science, Bsc Mathematical science, Bsc (H) Electronics, Bsc (H) Chemistry					
Details of Published Research Papers, Books, Monographs, Reviews, Chapter in Books, Translations and Creative Positions held					

Year of Publications	Title	ISSN No	Publisher	Co-Authors
2013	Zinc oxide–multiwalled carbon nanotubes hybrid nanocomposite based urea biosensor.	2050-7518	Journal of Materials Chemistry B	Vinay Gupta, Monika Tomar
2014	Flower-like ZnO nanostructure based electrochemical DNA biosensor for bacterial meningitis detection.	0956-5663	Biosensors & Bioelectronics	Vinay Gupta, Monika Tomar
2014	Hydrothermally synthesized flower-like zinc oxide nanostructured matrix for amperometric biosensors with enhanced response.	1936-6612	Advanced Science Letters	Vinay Gupta, Monika Tomar
2014	A mediator-less urea biosensor based on Ni-doped ZnO thin films.	1936-6612	Advanced Science Letters	Vinay Gupta, Monika Tomar
2015	A highly efficient urea detection using flower-like zinc oxide nanostructures.	0928-4931	Material science and Engineering C	Vinay Gupta, Monika Tomar
2015	Realization of zinc oxide- carbon nanotubes nanocomposite based glucose biosensor.	2454-7239	Science Letters	Vinay Gupta, Monika Tomar
2016	ZnO-CNT nanocomposite based electrochemical DNA biosensor for Meningitis detection.	2046-2069	RSC Advances	Vinay Gupta, Monika Tomar
2017	An electrochemical DNA biosensor based on Ni doped ZnO thin film for	1572-6652	Journal of Electroanalytical Chemistry	Vinay Gupta, Monika Tomar

	meningitis detection.			
Participation in conferences, seminars, workshops, refreshers, orientation courses attended, summer institutes etc.				
State/National/ International	Title	Organization	Period	
International conference	International conference on Nanomaterials & Nanotechnology	University of Delhi	2012	
International conference	Annual general meeting materials research society	Thapar University	2011	
National seminar	The human mystique: contemporary discourses	University of Delhi	2012	
International workshop	Nanostructured ceramics and other nanostructured materials	University of Delhi	2012	
International conference	Nanostructured ceramics and other nanostructured materials	University of Delhi	2012	
International workshop	Engineering at nanoscale, from materials to biosensors	IIT, Indore	2012	
International conference	International conference on nanoscience and nanotechnology	Babasaheb Ambedkar University, Lucknow	2013	
National conference	National conference on nanotechnology and renewable energy	Jamia Millia Islamia, Delhi	2014	
National workshop	Advances in radiation biodosimetry	Institute of nuclear medicine and allied sciences	2014	
National conference	National conference on Solid state chemistry and allied areas	University of Delhi	2015	
Public Service/University Service/Consulting Activity				
Nil				
Professional Societies Memberships				
Nil				
Projects /				
Title of the Project	Major/Minor	Funding Agency	Status	Level (International, National, State, University, College)
-	-	-	-	-

I certify that the information given above is correct and factual to the best of my knowledge.

Date: 18-09-2017

Signature: Dr. Manvi Tak