MAHARAJA AGRASEN COLLEGE
University of Delhi
VASUNDHARA ENCLAVE, DElHI-ll0096

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Curriculum Vitae of Faculty Members

First Name	Dr. Chhavi	Last Name	Bhatnagar
Designation	Assistant Professor	Department	Electronics
Date of Birth		Date of Joining	
Residential Address			
Contact No		Email Id	

Education

	Institution	Year	Details
Ph.D	University Of Delhi South Campus		Material Science
M.Phil	NA	NA	NA
Masters	Jamia Millia Islamia		2nd Position Holder in University
Graduation	Hansraj college Delhi University		Graduated with First Division
Any other	TUT, Japan		One year Experimental research , completed sucessfully

Career Profile

Organization/ Institution	Post Held	Adhoc/Temp/ Permanent	From	To	Total Experience
Maharaja Agrasen College, DU	Assistant Professor				

Administrative Assignments if any
Assistant Co ordinator IGNOU (07107)

Teaching Experience (Subjects/Courses Taught)

B.Sc.(H) Electronics , Annual as well as semester, FYUP B.Tech (Machines, Power Electronics, Applied Physics) Lab setting and Project Guidance

Areas of Interest/Specialization
Material science, microwave electronics, nano materials

Research Guidance

1. **Supervision of awarded Doctoral Thesis (no.)**
2. **Supervision of Doctoral Thesis, under progress (no.)**
3. **Supervision of awarded M.Phill dissertations (no.)**
4. **Supervision of M.Phill dissertations, under progress (no.)**

Details of Published Research Papers, Books, Monographs, Reviews, Chapter in Books, Translations and Creative Positons held

Year of Publications	Title	Publisher	
2008	A Novel A Novel method for the estimation of Surface Recombination velocity of Polycrystalline Solar Cells	Synthesis and Reactivity In Inorganic, Metal Organic and Nano-Metal Chemistry, Taylor and Francis	
2014	Utilization of P2014hotoluminescence emission from single walled carbon nanotubes for DNA sequence detection	sensor letters	
2014	Development and Characterization of PCDTBT : CdSeQDs Hybrid Solar Cells , optics international conference	optics international conference	
2019	Effect of Thermal stress on Power Conversion Efficiency of PCDTBT:PC71BM Organic Solar Cells	IWPSD 2019	
2009	Development of low cost Nanotube based Alcohol Sensor	International Conference on Materials for Advanced Technologies	
2014	New approaches to increase the efficiency of organic solar cells and to identify degradation mechanisms involved	International Conference on Materials for Advanced Technologies	
2015	Enhancement in the performance of multi-walled carbon nanotube :poly(methylmethacrylate)composite thin film ethanol sensors through appropriate nanotube functionalization	Elsevier Material Science in Semiconductor Processing	
2019	Improved Power Conversion Efficiency of Conducting Polymer Solar cells via incorporationof DNA CTMA Electron Blocking InterLayer	AIP 2019	
2005	Computerized Setup to Assess the Performance of Electro chromic devices	5th International Conference on Advances in metrology	

2014	Fabrication and Characterization of PCDTBT: PC71BM composite organic Photovoltaic solar cells	5th international conference on advanced functional materials ICAFME		
2020	Reduced Crystallites Formation and Improved Performance of PCDTBT:PC71BM Blend Films Based PV Devices by Incorporating of CdSe/ZnS Quantum Dots under Thermal Stress	Submitted to Applied Nanoscience		
Participation in conferences, seminars, workshops, refreshers, orientation courses attended, summer institutes etc.				
State/National International	Title	Organization	Period	
Research Projects (Major Grants/ Research Collaboration)				
Project Investigator				Av an Dis
Public Service /University Service /Consul				

ting Activity			
Professional Societies Memberships			
Projects /Collaborations			
Title of the Project	Major/Minor	Funding Agency	Status

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

Date:____25th July 2020_______ **Signature__Chhavi_**