



Faculty Profile

Title:		Niti Agrawal	Last Name:
Designation:	Assistant Professor		
Department:	Physics		
Address:	110-A, Pocket-IV, Mayur Vihar, Phase-I, Delhi - 110091		
Email:	nagrawal@shyamlal.du.ac.in , nitichin@yahoo.co.in		
Web-Page:			



Educational Qualifications (from Bachelor's Degree):

Degree	Subject	University/ College/Institution	Year
M.Sc Physics	Physics 1997	Kirorimal College, University of Delhi	1997
B.Sc(H) Physics	Physics 1995	Kirorimal College, University of Delhi	1995
UGC NET	Physics Dec-98		Dec-98
Pursuing PhD.	solar Photovoltaics	Dept. of Electronic Sciences, University of Delhi South Campus	Registered in Jan,2017

Experience:

	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent/Ad-hoc)	From	To	Effective Time Period
Teaching	Shyamlal College	Permanent	7/17/2008	Till date	12 years 06 months
	Shyamlal College	Adhoc	8/8/2008	4/30/2008	7 years
Research/ Corporate					
Consultancy					

Teaching - Learning Process (During the Academic Year 2019-2020)

Are You using ICT (LMS, E-Resources)?	If Yes, Please give the details below:	
	Name	Total Numbers
E- Resources	Amrita Vishwa Vidyapeetham virtual lab	
Techniques and Platforms	Google meet, Google classroom, Google forms for conducting mcq test	

Career Advancement and Contribution to College Corporate Life (Last three years till June 2020):

	Name of the Committee/ Centre/ Society/ Cell	Designation	From	To
Convenor/Member of Committees	Centre for Holistic Development (CHD)	Member	2016	2019
	Website Committee	Member	2019	2020
	Fine Arts	Member	2019	2020
Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)				

Areas of Interest/Specialisation:

S.No.	Areas of Interest/ Specialisation
1	Solar Photovoltaics
2	Electronics

Subjects Taught (During the Academic Year 2019-2020)									
S.No.	Subject			S.No.	Subject				
1	Basic Instrumentation Skill								
Publications: Citation Index in Scopus/Web of Science or Pub Med/ Indian Citation Index									
Title of Paper	Name of the Author	Title of the Journal	Year of Publication	Citation Index	h-Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations	Impact factor, if any	
									Before June 2018
									July 2018 - June 2019
Experimental Investigations of fault tolerance due to shading in photovoltaic modules with different interconnected solar cell networks	Niti Agrawal	Solar Energy	2020	8.1	151	Shyamal College, DU		4.608	July 2019-June 2020
Books and Chapters in edited Volumes/Books published, and paper in National /International conference Proceeding per teacher during the Year									
Title of Book/Paper/ Book Chapter			Publisher	National/International	Year				
						Before June 2018			
						July 2018 - June 2019			
"Investigation of the effect of partial shading on series & parallel connected solar photovoltaic modules using Lambert-W Function"			AIP	International	Aug,2018				
						July 2019-June 2020			
"Power Loss Mitigation in partially shaded Solar PV Array through different interconnected topologies" International Conference on Photonics, Metamaterials & Plasmonics			AIP	International	Oct,2019				
Conference/ Seminar/ Symposium/ Workshop/ Presentation:									
Sr. No.	National/ International/state		Topic of the Conference/Seminar/Workshop	Paper Presentation/Attend/ Resource Person		Date	Duration		
								Before June 2018	
								July 2018 - June 2019	
1	International		International Conference on Physics, Society and Technology-2019	Paper Presentation		January 17-19, 2019.	03 days	July 2019-June 2020	
Research Projects/ Innovation Projects (Major Grants/Research Collaboration):									
S.No.	Title of the Project			Funding Agency	Status/Output				

Research Guidance (Ph. D./ M. Phil.):				
	No. of Ph.D. Students	No. of M.Phil. Students		
Awarded				
Submitted				
Under Progress				
Fellowships/Awards /Distinctions/Recognitions:				
Year of Award	Name of the Fellowship/Award/ Distinction/ Recognition	Desination	Name of the Academic Bodies /Association	International /National/ State
Incentive to the teachers who receive recognition/awards				
State	National		International	
Association with the Professional Bodies:				
	Name of the Organisation		Year	
Membership	International Solar Energy Society		Oct;2020	
Any Other				
Development of E-Learning Delivery Process/Material:				
S.No	Title of the Module		Recognised by/Submitted at/ Delivered at any government setup	
Refresher/ Orientation Programme/ FDP / Other Specialised Courses:				
S.No.	Topic	Name of the Organiser	Place	Duration and Year
1	Faculty Development Program on "ICTBased New Paradigms of E-Teaching and E-learning: Digital Padagogy"	Department of computer Science, Mata Sundari College, University of Delhi in collaboration with Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College.	Delhi	02 weeks, September 15-30, 2020
2	National workshop on "Emerging Trends in science and technology: Issues in the Unprecedented Times"	Shyamal college under the aegis of DBT Star College Scheme	Delhi	01 week, August 4-8, 2020.
3	CEP course on "Theory and Technology of Silicon Solar Cells"	Indian Institute of Technology Bombay, Continuing Education & quality Improvement Programmes	Mumbai	03 days, September26-28, 2019
Declaration				
I do hereby solemnly declare that the information given and the statements made by me are correct and true to the best of my knowledge				

Signature with Full Name
