


Profile

Ms. Gunjan Mahajan (M.Sc B.Ed, APSET, PSTET)			
	Assistant Professor		
	Physics		
	27/01/1985		
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	Mobile: 9494540222		
Education:			
Details	Year	Institution	Percentage/ Grade
UG	2005	Guru Nanak Dev University, Amritsar	73.5
PG	2008	Guru Nanak Dev University, Amritsar	68.5
B.Ed	2010	Guru Nanak Dev University, Amritsar	72
PSTET	2012	Punjab School Education Board, Mohali	Qualified
APSET	2018	Krishna University, Machillipatnam	Qualified
Ph.D.	Pursuing	KLEF, Vijayawada	
Experience:			
Period	Designation	Institution / Organization	
2008-2009	Lecturer	S.M.D.R.S.D College, Patahankot	
2010-2012	Lecturer	S.R.P.A.A.B College, Pathankot	
2011-2013	PGT	J.M.K International School, Pathankot	
2013-2014	TGT	Government High School, Dukhniali	
2015- till date	Assistant Professor	Andhra Loyola College, Vijayawada	
Courses Taught:			
Year	Title(s) of the Courses		
2017-2018	Classical Mechanics, Quantum Mechanics, Nuclear and Particle Physics, Condensed Matter Physics, Advanced Quantum Mechanics		

2018-2019	Classical Mechanics, Quantum Mechanics, Nuclear and Particle Physics, Condensed Matter Physics, Advanced Quantum Mechanics
2019-2020	Classical Mechanics, Quantum Mechanics, Nuclear and Particle Physics, Condensed Matter Physics, Advanced Quantum Mechanics
2020-2021	Classical Mechanics, Quantum Mechanics, Nuclear and Particle Physics, Condensed Matter Physics, Advanced Quantum Mechanics
2021-2022	Classical Mechanics, Quantum Mechanics, Nuclear and Particle Physics, Condensed Matter Physics, Advanced Quantum Mechanics
2022-2023	Newtonian Physics, thermodynamics, Current electricity, Ray and Wave optics, Quantum Physics, Semiconductors

Research Profile:

Research Area: GLASS SCIENCE

Research Publications:

LIST OF PUBLICATIONS

1. White light emission and spectroscopic studies of dysprosium doped bismuth antimony fluoroborate glasses for optoelectronic devices

Gunjan Mahajan, M.V.V.K Srinivas Prasad , K. Swapna , K. Seshulatha , G.G. Dhar , A.S. Rao

[White light emission and spectroscopic studies of dysprosium doped bismuth antimony fluoroborate glasses for optoelectronic devices - ScienceDirect](#)

<https://doi.org/10.1016/j.optmat.2024.115067>

<https://www.sciencedirect.com/journal/optical-materials>

2. Spectroscopic and electrical properties of europium doped bismuth antimony fluoroborate glasses

Gunjan Mahajan, M.V.V.K Srinivas Prasad, K. Swapna , Sk. Mahamuda, M. Venkateswarulu, G.G. Dhar, A.S. Rao

[Spectroscopic and electrical properties of europium doped bismuth antimony fluoroborate glasses - ScienceDirect](#)

<https://doi.org/10.1016/j.radphyschem.2024.111708>

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Professional Development Activities – Participations

<Details of FDP / PDP / Seminars /Conferences etc.>

Year	Programme	Number
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2017-2018	Participation, Paper Presentations at National / International Seminars	1
2018-2019	Participation, Paper Presentations at National / International Seminars	2
2019-2020	Participation, Paper Presentations at National / International Seminars	2
2020-2021	Participation at National / International Seminars /Webinars	3
2021-2022	Participation, Paper Presentations at National / International Seminars , Webinars	4
2022-2023	Participation, Paper Presentations at National / International Seminars	4