

Government Dungar College, Bikaner

Faculty Profile



1. Name: **Dr Smita Sharma**
2. Department: **Physics**
3. Designation: **Associate Professor**
4. Qualifications: **MSc, PhD**
5. Institute and place of Post-Graduation Qualification :
Govt Dungar College, Bikaner
6. Teaching Experience:
UG ...**25 years**...PG ...**24 years**.....Research...**23 years**...
7. Home Town and State: **Bikaner, Rajasthan**
8. Details of research papers in the Journals notified on UGC website:

Title of paper	Name of the author/s	Name of journal	Year of publication
The pseudopotential dependence of superconducting properties in carbon doped MgB ₂	G Sharma, S Sharma	AIP Conference Proceedings 1953 (1) (2018), 120044	2018
Theoretical Study of Screening Dependence of Aluminium Doped MgB ₂	G Sharma S Sharma	Chinese Physics Letters 35 (3) (2018), 037402	2018
Theoretical investigation of superconductivity in MgB ₂ -xCx alloys	G Sharma S Sharma	AIP Conference Proceedings 1728 (1) (2016), 020092	2016
First principle study of band structure of SrMO ₃ perovskites	A Daga, S Sharma	AIP Conference Proceedings 1728 (1) (2016), 020292	2016
A Theoretical Study of Magnetic Impurity Effect on Superconducting Properties of Manganese doped MgB ₂	G Sharma, S Sharma	International Journal of Science, Engineering and Management (IJSEM) 1 (6) (2016)	2016
Superconductivity in the amorphous phase of topological insulator Bi x Sb100-x alloys	S Sharma P Häussle J Barzola-Quiquia, et al	Superconductor Science and Technology 30 (2016) 015013	2016
A Theoretical Study of Electron Doping Effect on Superconducting Properties of MgB ₂	G Sharma, S Sharma	Int. J. Phys. Chem. Math. Sci. 3 (2014)23	2014
Papers before 2014 available on Google scholar			

9. Books and chapters in edited volumes/books published and papers in national/ international conference proceedings :

Name of teacher	Title of book	Title of book /title of book published self authored/conference proceedings	Name of publisher national/ international	Year of publication
S Sharma	Operational Amplifiers	Self-authored	ISBN:978-93-5445-484-4 Self-Publish	2021
S Sharma	Op Amp based-Square and triangular wave generator	Self-authored	ISBN: 978-93-5457-014-8 Self-Publish	2021

10. Convener of College Committees / any other committee constituted for a specific event