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Contact Number	9465780011			
Designation	Assistant Professor			
Subject	Physics			
Qualification	M.Sc, NET, PhD			
Experience	12 years			
Research guidance				
Ph.D. Guided			Under Guidance	
Area of Research/Interest	Environmental & Renewable Energy Physics			
Projects /Patents/Research grant	Patent of advanced Thermoelectric Generator has been submitted and allotted Patent Number 3084/DEL/2012 with reference CBR: 9463 Dated: 01/10/2012 and Published in The Patent Office Journal 10/05/2013			
Number of Publications				
Books/Articles	International journals	National journals	International Conferences	National conferences
	12		3	8
Latest Publications(books,Articles, Expert Talk etc.)				
A research paper of the "A review of Thermocouple for power generation" published in International Journal of Applied Science and Engineering Research Vol. 1, No. 1, 26-Feb-2012. ISSN 2277-9442. 98-105 (P)				
A research paper of the "Effect of Green House Gases and Human Population on Global Warming" published in Journal of Environmental Engineering and Technology Vol. 2, No. 1, January 2013 ISSN: 2165-8315 (Print)				
A research paper of "Eco Friendly Power Generation using Geo-Thermal Energy in thermocouple" published in Elixir Energy & Environment Vol.59, June 2013. ISSN 2229-712X. 15759-15762 (P)				
A research paper of "Thermocouple for power generation from solar energy using GHGs" published in Indian Journal of Applied Research (International Index Journal) in July 2013. ISSN - 2249-555X. (P)				
A research paper of "Thermoelectric Power Generation using Combined Solar and Geo-Thermal Energy" published in International Journal of Advanced Research Vol. 1, Issue 5, Page 53-58. ISSN - 2320-5407(P)				
A research paper of "A Review on Environmental effects of Direct Geo Thermal Energy" presented in National Symposium (ETPRAM-13) December 13-14, 2013; Physics Department, Punjabi University, Patiala-147002.				
A research paper of "Indirect Impact of hazardous radioactive and chemical materials on economic conditions of farmers in 'Malwa' zone of Punjab (India)" published in Indian Journal of Applied Research (International Index Journal) in November 2017. Vol. 6, Issue-11, Page 201. ISSN No 2277 - 8179 (P), IF : 4.176 & IC Value :				
A research paper of "An analytic review of the different methods for evaluating the Z-effective of the series of g				
A research paper of "An analytic analysis of Z-effective for the series of glass [Li2O – B2O3 – SiO2 – XO] with First (3d) d-block (Sc–Zn) transition metals Elements(X)" published in International Journal of Latest Trends in Engineering and Technology in December 2017. Vol.9 ,Issue-3, Page ISSN : 2319-3778(P)				
A research paper of "An analytic analysis of Z-effective for the series of glass [Li2O – B2O3 – SiO2-XO] with Second (4d) d-block (Y–Cd) transition metals Elements(X)" published in International Journal of Latest Trends in Engineering and Technology in December 2017. Vol.9 ,Issue-3, Page ISSN : 2319-3778(P)				
A research paper of "Calculation and Analysis of Effective Atomic Number using Auto Z-Effective method for Boro-Silicate Glass Series glass [Li2O – B2O3 – SiO2 – XO] with d-block (Hf–Hg) transition metals Elements(X)" published in International Journal of Scientific Research in August 2021. Vol.10 ,Issue-8, Page ISSN : 2227-8179(P)				
A research paper of "A review paper on inclusive applications of Boro-Silicate Glasses" published in INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS in June 2023. Vol.10 ,Issue-8, Page ISSN : 2227-8179(P)				
Recognition awards (any 5)				
1)				
2)				
3)				
4)				
5)				