



Name : Amit Kumar Sharma
Designation : Assistant Professor
Department : Physics
Qualification : M.Sc., SLET
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Email ID : ksharma_amitt@yahoo.com
Date of Birth : 20-03-1981
Joining Date : 12-12-2009

Specialization: Physics (Electronics, Material Science)

Other Profile Links

Google Scholar Link: [Amit Kumar sharma - Google Scholar](#)

Vidwan

Link: <https://vidwan.inflibnet.ac.in/profile/567653>

Educational Qualification

Name of the Degree	Year of Passing	Institute/University
Ph.D.	Perusing	Department Of Physics, Lovely Professional University, Phagwara (Pb.)
M.Sc.	2004	School of Studies in Physics, Jiwaji University, Gwalior (M.P.)
B.Sc. (Pass Course)	2001	Maharna Pratap Govt. Degree College Amb, Distt Una (H.P.)

Teaching Experience

Position Held	Department And Organization	From	To	Total Experience
Lecturer	Department of Applied Sciences, Govt. Polytechnic Ambota Distt. Una (H.P.)	10/07/2008	30/06/2009	1
Assistant Professor	Department of Physics, Govt. College Dhaliara Distt. Kangra (H.P.)	12/12/2009	29/05/2015	5.5
Assistant Professor	Department of Physics, Maharana Pratap Govt. degree College Amb Distt Una (H.P.)	30/05/2016	Till Date	

Administrative Experience

Position Held	Department And Organization	From	To
Coordinator BCA	Self-Finance Department (HEIS,MPGDC Amb)	July, 2016	Sept.,2018

Position Held	Department And Organization	From	To
Coordinator BBA	Self-Finance Department (HEIS,MPGDC Amb)	Sept.,2018	Nov., 2021
Coordinator BBA	Self-Finance Department (HEIS,MPGDC Amb)	Oct., 2022	Till date
Secretary, Parent Teacher Association	Maharana Prata Govt degree College Amb Distt. Una	2021-2022	Till date
Secretary, Alumni Association	Maharana Prata Govt degree College Amb Distt. Una	2022-2023	Till date
Secretary, HEIS	Self-Finance Department (HEIS,MPGDC Amb)	2021-2022	Till Date
RUSA (PM- USHA) Coordinator	Maharana Prata Govt degree College Amb Distt. Una	July 2017	Till date
Nodal Officer	AISHE (Ministry of Education) MPGDC Amb	July 2017	Till date
IQAC Co-ordinator	Maharana Prata Govt degree College Amb Distt. Una	April, 2024	Till date
Nodal officer/Convenor Scholarship Committee	Maharana Prata Govt degree College Amb Distt. Una	July 2016	June 2021
Convenor UGC affairs	Maharana Prata Govt degree College Amb Distt. Una	July 2018	Till Date
Programme Officer NSS	Govt. College Dhaliara	July 2010	June 2015

Research Experience

Research Interests: Material Science, Thin films, Solar Cells (Perovskite)

Brief Research Profile: As of doctoral studies (perusing), I am working on Sn (Tin) based organic-inorganic perovskite materials for exploring their photovoltaic applications (advanced solar cell technology). Simultaneously working on inorganic material to be used as hole transport layer (HTL) in PSC (Perovskite solar cells)

Publications

Year	Journal	Author(s)	Publication	Indexing
2022	Journal of Physics: Conference Series, 2022 - iopscience.iop.org	AK Sharma , DK Kaushik	https://iopscience.iop.org/article/10.1088/1742-6596/2267/1/012148/meta	SCI

Book/Chapters Written

Type	Title	Publisher	Author(s)
Book Chapter	Advances in Functional and Smart Materials: Select Proceedings of ICFMMP 2021 (https://link.springer.com/chapter/10.1007/978-981-19-4147-4_32)	Springer,Nature	AK Sharma , DK Kaushik
Book Chapter	Advanced Materials for Next-Generation Technologies Challenges and New Prospects https://appleacademicpress.com/advanced-materials-for-next-generation-technologies-challenges-and-new-prospects/9781774917800	Apple Academic Press	AK Sharma , Mukesh kumar

RC/FDP/Workshop/Courses etc. Attended

Category	Type	Title	Organisation	From	To
Orientation Programme	Sponsored (DHE, Shimla)	Teacher Training	GCTE, Dharamshala	30-12-2011	13-01-2012
Training	Sponsored (DHE, Shimla)	Amateur radio operator(licence)	HIPA, Shimla	14-03-2013	28-03-2013
Orientation Programme	Development programme	OP	HRDC,PU Chandigarh	13-11-2018	18-12-18
Refresher Course	FDP (winter School) (interdisciplinary)	Skill development and entrepreneurship	HRDC, Kumaun university (Uttarakhand)	05-12-2019	18-12-2019
Refresher Course	Interdisciplinary	FDP	TLC, Ramanujan College, University of Delhi	05-07-2021	19-07-2021
Refresher course	Physics	RC	TLC, Ramanujan College, University of Delhi	10-04-2022	14-04-2022
Faculty development Programme	Interdisciplinary	National Education policy-2020	TLC, Ramanujan College, University of Delhi	01-02-2023	07-02-2023
Refresher course	Physics	RC	TLC, Ramanujan College, University of Delhi	30-08-2023	13-09-2023
Workshop	One week workshop	Nanotechnology for sustainable Future	Maharaja Agarsen University, Baddi	30-10-2023	04-11-2023
National workshop	One week workshop	Role of nanotechnology in environment remediation	Maharaja Agarsen University, Baddi	06-11-2024	12-11-2024
National (FDP)	One week	Recent Advances in functional materials and characterisation	SRM institute of science and Technology, Ramapuram Chennai (Tamilnadu)	25-11-2024	30-11-2024

Conference/Workshop Attended

Category	Type	Title	Organisation	From	To
Conference	International	Recent advances in Fundamental and Applied Sciences	Lovely professional university Punjab (India)	25-06-2021	26-06-2021
Conference	International	Functional materials for energy, environment and biomedical applications	Madurai Kamaraj university, University of Oslo (Norway)	02-02-2022	04-02-2022
Conference	International	Recent advances in Fundamental and Applied Sciences	Lovely professional university Punjab (India)	24-03-2023	25-03-2023
Conference	International	Recent Trends and Innovations for a Greener a future	ISCA Shimla Chapter	09-02-2024	10-02-2024
Conference	International	Recent advances in Fundamental and Applied Sciences	Lovely professional university Punjab (India)	19-04-2024	20-04-2024
Workshop	International	Role of Communication Skills in Career Development.	S. C. V. B. G. C. Palampur (H. P.), India in Collaboration with Mindanao State University-Sulu, Jolo, Philippines	19-03-2024	25-03-2024
Workshop	National	NEP-2020: MODEL CURRICULUM IN PHYSICS	National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh India	08-02-2024	09-02-2024
Conference	International	The role of technology to combat the triad in crises: biodiversity loss, climate change and a sustainable change	Dr. SPRK Govt. college Dharampur, Mandi (H.P.) India	24-10-2024	25-10-2024