

Faculty Profile



1. **Name:** ANIL KUMAR GUPTA
2. **Designation:** Associate Professor in PHYSICS
3. **Department:** Physics
4. **Educational Qualification:**

Level	Name of University/Board	Year	Title/Remark/Medal
Secondary	Board of Sec. Edu. Raj., Ajmer	1979	Science Maths Group
Higher Secondary	Board of Sec. Edu. Raj., Ajmer	1980	Science Maths Group
B.Sc.	University of Rajasthan, Jaipur	1983	Physics, Chemistry, Maths
M.Sc. (Physics)	University of Rajasthan, Jaipur	1985	Microwave Electronics
M.Phil. (Physics)	University of Rajasthan, Jaipur	Jan.,1987	Dissertation on 'Neutrino Oscillations'

5. Experience: Teaching / Research

UG	37 years	PG	16 years	Research	Nil
----	----------	----	----------	----------	-----

6. Membership (Academic Bodies/ Research societies):

1. Member of Board of Studies (BOS) Physics, MDS University, AJMER (since 2009)
2. Life member of Indian Association of Physics Teachers (IAPT) (No. 0953)

7. M.O.O.C (Developed by Faculty): Nil

8. Awards Received: Nil

9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration From - To
Orientation Course	ASC., University of Jodhpur	UGC	20.4.92 -16.5.92 (4 Weeks)
Refresher	ASC, University of Raj., Jaipur	UGC	6.6.94 - 25.6.94 (3 Weeks)
	ASC, MDS University Ajmer	UGC	23.3.98 – 12.4.98 (3 Weeks)
	ASC, Sardar Patel University Vallabh Vidhayanagar (Anand) Gujrat	UGC	7.1.02 – 29.1.02 (3 Weeks)
Others (Workshop/ Summer School/ Camp etc.)	A Training camp from 27-31 Oct., 2014 on " Training in Disaster Management " at HCM Rajasthan, State Institute of Public Administration, Jaipur		
Online F.D.P	Contributed as invited speaker in one week FDP at Govt. College, Degana		

Signature

10. Seminar / Conference :

Name of Symposium/ Seminar/Conference	Internat./ National Conf.	Organized by	Title of Paper presented	Year
Interdisciplinary Conference	International Conference	SPC Govt. College, Ajmer	Technology Advancement and its impact on society	21-23 Sept., 2023
Planning Forum	National Conference	Govt. Girls College, Kota	India in Global Economics Scenario	23 Jan., 2023
World Water Day Conclave	National Conference	SPC Govt. College, Ajmer	Participated	22 March, 2022
Gandhi : The eternal truth relevance for future generations.	International Conference	SPC Govt. College, Ajmer	Gandhiji and Hindi Language	18-19 Sept., 2019
चरित्र निर्माण एवं व्यक्तित्व विकास	National Conference	SRKP Govt. College, Kishangarh	व्यक्तित्व विकास की आवश्यकता	24 Jan., 2017
भारत में मानवाधिकारों का संरक्षण : सिद्धांत एवं व्यवहार	National Conference	SGSG Govt. College, Nasirabad	भारत में मानवाधिकारों का संरक्षण :	9 Jan., 2017
Empowering Human Right through cashless economy in India	National Conference	SRKP Govt. College, Kishangarh	Importance of cashless economy	6 Jan., 2017
उच्च शिक्षा में परीक्षा सुधार	National Conference	MDS Univ., Ajmer	परीक्षा प्रणाली : उच्च शिक्षा में सुधार हेतु	5-6 Dec., 2016
शिक्षा में स्वायत्ता	National Conference	Govt. Girls College, Ajmer	शिक्षा में स्वायत्ता उपरांत भारत	19 Nov., 2016
Empowering India through e-Governance	National Conference	SRKP Govt. College, Kishangarh	Participation	18 -19 Dec., 2014
Human Resource Development in South Asia : Efforts, Achievement and Challenges	International Conference	SPC Govt. College, Ajmer	Role and constraint in Human resource enhancement	19-21 Dec., 2013
युवा वर्ग, वैश्वीकरण, बदलते आयाम	National Conference	Dayanand College, Ajmer	युवा वर्ग, वैश्वीकरण, बदलते आयाम	27-28 Feb., 2012
Laboratory Innovations in Physics	International Workshop	SPC Govt. College, Ajmer	Participation in workshop	11-12 Aug., 2016

Signature

11. Organizing Sec./Convener/Coordinator of conference/seminar/webinar :

Conference/Seminar Title	Year
Safeguarding Human rights in India : Theory and Practice	9 Jan., 2017, National conf., Coordinator at SGSG Govt. College, Nasirabad

12. Resource Person:

In training Programme
<ol style="list-style-type: none">1. National workshop on "Human values and overall personality development" (21-22 June, 2019) at Aryabhatt College of Engineering and Research Centre, Ajmer2. राष्ट्रीय कार्यशाला "विद्यालयीन शिक्षा का वर्तमान स्वरूप एवं भावी दिशा" (3-5 अगस्त 2018), आयोजक माध्यमिक शिक्षा बोर्ड राज. अजमेर
In conferences/Seminars (Chair/Co-Chair/of Session)
<ol style="list-style-type: none">1. Chaired one session in National Conference on "Empowering Human rights through cashless economy in India" at SRKP Govt. College, Kishangarh, (6 Jan., 2017)2. "शिक्षा में स्वायत्ता" राष्ट्रीय संगोष्ठी (19 नवंबर, 2016), राजकीय कन्या महाविद्यालय, अजमेर में सत्र शिक्षा में स्वायत्ता उपरांत भारत की अध्यक्षता3. Chaired one session in National seminar on "Human values in Education", at Govt. Engineering College, Ajmer and B.O.S.E. Ajmer (29-30 March, 2016)4. Chaired one session in International conference on "Education Policy for Strong Nation" at Agarwal College, Jaipur (17-18 Jan., 2015)5. राष्ट्रीय संगोष्ठी "वैदिक वांगमय में पाप पुण्य चिंतन" में सत्र अध्यक्षता, दयानंद कालेज अजमेर (18-20 फरवरी, 2012)

13. Research Publications

Title of Paper
<ol style="list-style-type: none">1. "Tailoring of EMI shielding properties of polyaniline with MWCNTs embedment in X band (8.2-12.4 GHz)" Journal of Physics and Chemistry of Solids 169(2022) 110867 ISSN 0022-3697/ ©2022 Elsevier Ltd.2. "Polyaniline /oxide based core shell like structured composites for reduction in electromagnetic pollution". Paper is submitted in International conference on 1-3 April, 2021 (IEMPHYS 2021) at Kolkata and abstract of paper approved. Complete paper is under print.3. "Efficient energy storage performance of electrochemical supercapacitors based on Polyaniline/graphene nanocomposite electrodes." Journal of Physics and Chemistry of Solids volume 154 (2021) 110057, Cite score 4.6, Impact factor 3.442, ISSN -0022-3697/ ©2021 Elsevier Ltd.4. "An x-ray absorption study of the dependence of the density of holes on Tc and/or the diamagnetic fraction in the oxycarbonate superconducting system $Hg_{1-x}M_xSr_4Cu_2(CO_3)O_{6+8}$ (M=Mo,Cr)" Solid State communication vol.139, Issue 5, August, 2006 page 250-254 Cite score 2.8 Impact factor 1.521, ISSN 0038-1098.

Signature

14. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
NIL				

15. Research Supervision:

- Basic Field of specialization:

- ❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
NIL			

- ❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
NIL			

16. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities

- Book (Single Author)

Title of Book	ISBN/ ISSN No.	Publisher with Place	Year of Publication
NIL			

- Chapter(s) in Book (Edited / multi-author)

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ ISSN No.	Publisher with Place	Year of Publication
1. दोलन एवं तरंगें	लेखक	-	राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर	प्रकाशन प्रक्रिया में है।
2. भौतिक विज्ञान (कक्षा 11)	लेखक	978-93-87089-04-4	राजस्थान राज्य पाठ्य पुस्तक मंडल, जयपुर	2018
3. विद्युत चुम्बकत्व	लेखक	978-81-8047-201-5	जयपुर पब्लिशिंग हाउस, जयपुर	2016
4. क्वांटम यांत्रिकी (Ph 09)	लेखक	13/978-81-8496-141-6	वर्धमान महावीर खुला विश्वविद्यालय, कोटा	2009

Signature

5. प्रकाशिकी (Ph 06)	लेखक	-	वर्धमान महावीर खुला विश्वविद्यालय, कोटा	2009
6. विद्युत चुम्बकत्व (Ph 03)	लेखक	-	वर्धमान महावीर खुला विश्वविद्यालय, कोटा	2007
7. भौतिक विज्ञान भाग 2	लेखक	-	मा.शि.बो. राजस्थान, अजमेर द्वारा स्वीकृत (अजमेरा बुक कंपनी जयपुर)	2000
8. परिचयात्मक भौतिकी	लेखक	-	अल्का प्रकाशन, अजमेर	1998

17. Sports Activities: NIL

18. Extra Curricular Activities:

1. Confidential work of exams as a member of BOS Physics at MDS University, Ajmer
2. Contributed for final shape of present syllabus of Physics, MDS University, Ajmer (as per guideline of NEP)
3. M.Sc. Physics syllabus is prepared on choice based credit system. MDS University, Ajmer
4. Participated in several confidential work of Rajasthan Public Service Commission (RPSC), Ajmer.

19. Any Other Relevant Information/Contributions

A. Participated in different webinar. The list is given below :

1. National Intellectual Property Awareness Mission 12 Nov. 2022 organized by NIPAM.
2. Teacher Conference on theme "Empowering Educators" on 11 Sept. 2021 organized by ICSI.
3. State Level Training Programme (21 July – 25 July, 2021) organized by USHA and Manav Nirman Sansthan, Jaipur
4. International Webinar on "Exploring the Properties of Material at Nanoscale" on 9th and 10th July, 2021 organized by Sophia College, Ajmer and Women College, Patna.
5. NEP 2020 (FDP) on 15 April to 19 April 2021 organized by DTU, Delhi.
6. International Conference on **Advance Physics (IEMPHYS-2021)** at Kolkata on 01-03 April, 2021.

Signature

7. National Webinar on "**Science in Daily Life**" on 25 March, 2021, organized by Govt. College, Khetri, Rajasthan.
8. National Webinar on "**Democracy and Youth**" Indian Perspectives on 18 March, 2021 organized by Govt. College, Nasirabad.
9. राष्ट्रीय वेबिनार – “सामायिक चुनौतियों के संदर्भ में हिन्दी साहित्य की भूमिका” दिनांक 09 मार्च, 2021, आयोजक सम्राट पृथ्वीराज चौहान राजकीय महाविद्यालय, अजमेर
10. International Webinar – "**Contemporary History of India**" on 8 January, 2021, organized by SPC Govt. College, Ajmer.
11. अन्तर्राष्ट्रीय वेबिनार – “वर्तमान परिदृश्य में भारतीय ज्ञान परंपरा का अवदान” दिनांक 12 दिसम्बर, 2020, आयोजक सम्राट पृथ्वीराज चौहान राजकीय महाविद्यालय, अजमेर
12. National Webinar – "**Environmental Ethics : Conservation and Sustainable Development**" on 6 November, 2020, organized by Govt. College, Kota.
13. National Webinar – "**Challenges before Indian Democracy**" on 4 September, 2020, organized by SPC Govt. College, Ajmer.
14. राष्ट्रीय वेबिनार – “नई राष्ट्रीय शिक्षा नीति – समर्थ भारत” दिनांक 23 अगस्त, 2020, आयोजक प्रज्ञा प्रवाह, राजस्थान जयपुर
15. International Webinar – "**Mathematical Modeling and Data Analysis**" on 5 August, 2020, organized by SPC Govt. College, Ajmer.
16. National Webinar – "**Recent Trends in Physics**" on 30 July, 2020, organized by SPC Govt. College, Ajmer.
17. National Webinar – "**Noval Technique and Advancement in Chemical and Physical Science**" on 21 July, 2020, organized by SPC Govt. College, Ajmer.
18. National Webinar – "**How to think about Quantum Technologies?**" on 13 July, 2020, organized by St. Xavier College, Mumbai.
19. National Webinar – "**Role of Journalism in making India during crises of COVID-19**" on 26-28 May, 2020, organized by M.D.S. University, Ajmer.
20. National Webinar – "**The Issues and Challenges before Higher Education – COVID-19**" on 16-22 May, 2020, organized by M.D.S. University, Ajmer.
21. National Webinar – "**Environmental Pollutants and Cancer**" on 20-21 May, 2020, organized by Central University of Himachal Pradesh, Shahpur (Kangara).

B. Appreciation Letters

1. दिनांक 13.5.2020 राजकीय महाविद्यालय, सांभर, जिला जयपुर द्वारा कोविड-19 जागरूकता क्विज प्रतियोगिता हेतु।
2. दिनांक 25.05.2019 को सहायक रिटर्निंग अधिकारी, क्षेत्र मसूदा (अजमेर) द्वारा विधानसभा चुनाव, 2019 हेतु।
3. दिनांक 25.09.2015 को रक्तदान हेतु विद्यार्थियों को प्रेरित करने पर मुख्य स्वास्थ्य चिकित्सा अधिकारी, अजमेर द्वारा प्रदत्त।
4. दिनांक 26.10.2005 को राष्ट्रीय सेवा योजना में सेवाकार्य करने पर प्राचार्य, दयानंद कॉलेज, अजमेर द्वारा प्रशस्ति पत्र।

Signature