

Curriculum Vitae

Dr. Sanjeev Kumar Gupta

Acting principal &

Associate Professor of Physics,

Aggarwal College, Ballabgarh-121004 (Hry.)

College with Potential for Excellence Status by UGC

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Current Position: **Acting Principal**

Department: Physics

Date of Appointment: 01-10-1993

Experience:

Total Experience: 31 years

Teaching Experience:

U.G. Classes: 30 years

P.G. Classes: 09 years

Research Experience: 13 years

Administrative Experience: 02 years

Academic Record:

S.No.	Qualifications	University/Board	Year of Passing
1.	Ph.D. Physics	Guru Gobind Singh Indraprastha University, New Delhi	2016
2.	P.G. Diploma (Comp Sc. & App)	Maharishi Dayanand University, Rohtak	1993
3.	M. Phil. Physics	Maharishi Dayanand University, Rohtak	1990
4.	M. Sc. Physics	Maharishi Dayanand University, Rohtak	1989
5.	B.Sc. (NM)	Maharishi Dayanand University, Rohtak	1987
6.	Matriculation	Haryana Board	1983

Publications in International Journals:

S.N.	Title of Paper	Name of Journal	Authors	Impact factor
1.	ESR of vanadyl ions in $\text{Li}_2\text{O} \cdot \text{BaO} \cdot \text{B}_2\text{O}_3$ glasses	Journal of Non-Crystalline Solids North-Holland. (1993)	V.P.Seth, <u>Sanjeev Gupta</u> , Anjana Jindal, S.K.Gupta	4.458
2.	Radium concentration and radon exhalation measurements in asbestos	International Journal of Professional Development (2012)	<u>Sanjeev Kumar Gupta</u> , Krishan Kant	0.785
3.	Study of high energy (MeV) N_6^+ ion and gamma radiation induced modifications in low density polyethylene (LDPE) polymer	Nuclear Instruments and Methods in Physics Research B (Elsevier) (2013)	Ramandeep Kaur Dhillon, Paramjit Singh, <u>Sanjeev Kumar Gupta</u> , Surinder Singh, Rajesh Kumar	1.379
4.	Modifications induced by gamma irradiation upon structural, optical and chemical properties of polyamide nylon-6,6 polymer	Radiation Effects & Defects in Solids (Taylor & Francis) (2014)	<u>Sanjeev Kumar Gupta</u> , Paramjit Singh & Rajesh Kumar	1.024
5.	Impact of Swift Heavy Ions and Gamma Radiation upon Optical, Structural, and Chemical Properties of Polypropylene Polymer Films	Advances in Polymer Technology (Wiley) (2015)	<u>Sanjeev Kumar Gupta</u> , Paramjit Singh, Rajinder Singh, Rajesh Kumar	2.502
6.	Gamma Radiation Induced modifications on Physicochemical Properties of Makrofol (KG and N) Polycarbonate	Advances in Polymer Technology (Wiley) (2015)	<u>Sanjeev Kumar Gupta</u> , Paramjit Singh, Rajesh Kumar, Satyendra Kumar	2.502
7.	A comparative study of the effects of oxygen ions upon the free volume and physico-chemical properties of Makrofol (KG & N) polycarbonate	Macromolecular Symposia (Wiley) (2015)	<u>Sanjeev Kumar Gupta</u> , Paramjit Singh, K. Awasthi, A.Roychowdhury and Rajesh Kumar	0.92

8.	Behavior of nanomaterials under high temperature	International Journal of Professional Development (2015)	Neetu Sorot, BRK Gupta, <u>Sanjeev Kumar Gupta</u>	1.225
9.	PALS and physico chemical study of swift heavy ions and gamma radiation irradiated polyamide nylon 66 polymer	Vacuum (Elsevier) (2015)	<u>Sanjeev Kumar Gupta</u> , Paramjit Singh and Rajesh Kumar	4.11
10.	Modifications in Physico-chemical properties of 100 MeV Oxygen ions irradiated polyimide Kapton-H polymer	Nuclear Instruments and Methods in Physics Research B (Elsevier) (2017)	<u>Sanjeev Kumar Gupta</u> , Rashi Gupta, Paramjit Singh, Vikas Kumar, Manoj Kumar Jaiswal, S. K. Chakarvarti and Rajesh Kumar	1.379
11.	Radiation induced nano-scale free volume modifications in amorphous polymeric material: a study using positron annihilation lifetime spectroscopy	J Radioanal Nucl Chem (Springer) (2017)	Rajesh Kumar, Paramjit Singh, <u>S. K. Gupta</u> , R. Gupta, M. K. Jaiswal, M. Prasad, A. Roychowdhury, R. P. Chauhan D. Das	1.754
12.	Electronic energy transfer effects of Ti ⁹⁺ and S ⁹⁺ ions irradiations upon structural, optical and chemical properties of Kapton-H polymer	Vacuum, (Elsevier) (2018)	Paramjit Singh, Jagjevan Ram, <u>S.K. Gupta</u> , Vijay Kumar, S.K. Sharma, Rajesh Kumar	4.11
13.	High dose gamma radiation exposure upon Kapton-H polymer for modifications of optical, free volume, structural and chemical properties	Optik (Elsevier) (2020)	Paramjit Singh, Jagjevan Ram, Vishnu Chauhan, P.M.G. Nambissan, <u>S.K. Gupta</u> , Shalendra Kumar, S.K. Sharma, P.D. Sahare, Rajesh Kumar	2.84
14.	Understanding and Attaining Sustainable Development Goals (SDGs) through Scientific Education	Sustainable Development Goals and Higher Education Institutions (Amba International Publishers & Distributors ISBN-978-93-94124-05-09) (2022)	Sanjeev Kumar Gupta , Ajit Singh Yadav, Devender Gehlawat and Nisha Gill	-----

Publications (other than Research Papers)

S.N.	Title of Book	Name and category of Publisher	Edited Book/ Chapter	Authors
1.	New college Practical Physics for B.Sc. III (Semester V & VI)	Chronicle Books (Jeevansons Publications) 2017 onwards		Jaivir Singh, Sanjeev Kumar Gupta , Meenu Rani, Suman Lata
2.	Sustainable Development Goals and Higher Education Institutions	(Amba International Publishers & Distributors ISBN-978-93-94124-05-09) (2022)	Understanding and Attaining Sustainable Development Goals (SDGs) through Scientific Education	Sanjeev Kumar Gupta , Ajit Singh Yadav, Devender Gehlawat and Nisha Gill
3.	National Education Pol[cy 2020: Challenges and Opportunities	(Amba International Publishers & Distributors ISBN-978-93-94124-25-7) (2022)	Indian Higher Education Institutions: Assessment and Accreditation	Archana, Deepika Tewatia, Nisha Gill and Sanjeev Kumar Gupta
4.	National Education Pol[cy 2020: Challenges and Opportunities	(Amba International Publishers & Distributors ISBN-978-93-94124-25-7) (2022)	Practices in Higher Education for Sustainable Development and Social Innovation	Krishna Tewatia, Sanjeev Kumar Gupta , Devender and Nisha Gill
5.	National Education Pol[cy 2020: Challenges and Opportunities	(Amba International Publishers & Distributors ISBN-978-93-94124-25-7) (2022)	New Education Policy 2020: Emphasis on Transforming Assessment for Optimizing Learning and development	Deepika Tewatia, Krishna Tewatia, Ravinder Jain and Sanjeev Kumar Gupta
6.	National Education Pol[cy 2020: Challenges and Opportunities	(Amba International Publishers & Distributors ISBN-978-93-94124-25-7) (2022)	Extermination of problems and Challenges in the Education System with the help of NEP 2020	Devender, Archana, Sanjeev Kumar Gupta , and Nisha Gill
7.	Sustainable Development of Libraries Through NEP 2020	(Amba International Publishers & Distributors ISBN-978-93-94124-26-4) (2023)	The Power of Science: A perspective of NEP 2020	Sanjeev Kumar Gupta
8.	India @ 100: Reimaging, Recalibrating and Resolving New Ideas Vol. 1	(Amba International Publishers & Distributors ISBN-978-93-94124-27-1) (2023)	Project Based Learning in Physics: Scope and Challenges	Sanjeev Kumar Gupta and Ajit Singh Yadav
9.	India @ 100: Reimaging, Recalibrating and Resolving New Ideas Vol. 1	(Amba International Publishers & Distributors ISBN-978-93-94124-27-1) (2023)	Teaching, Learning and Evaluation: Need for New Pedagogy in the Light of NEP 2020	Ajit Singh and Sanjeev Kumar Gupta
10.	India @ 100: Reimaging, Recalibrating and Resolving New Ideas Vol. 1	(Amba International Publishers & Distributors ISBN-978-93-94124-27-1) (2023)	A Study on NEP (New Education Policy) 2020: teaching, Learning and Evaluation	Deepika Tewatia, Sanjeev Kumar Gupta , Nisha Gill and Archana
11.	India @ 100:	(Amba International	Need for Hydrid	Ajit Singh and

	Reimaging, Recalibrating and Resolving New Ideas Vol. II	Publishers & Distributors ISBN-978-93-94124-30-1 (2023)	Learning in Higher Education	Sanjeev Kumar Gupta
12.	India @ 100: Reimaging, Recalibrating and Resolving New Ideas Vol. II	(Amba International Publishers & Distributors ISBN-978-93-94124-30-1) (2023)	An Overview of Environmental Pollution Origins, Effects and Remedies	Archana, Sanjeev Kumar Gupta, Nisha Gill and Deepika Tewatia
13.	India @ 100: Reimaging, Recalibrating and Resolving New Ideas Vol. III	(Amba International Publishers & Distributors ISBN-978-93-94124-30-1) (2023)	Role of Physics in Environmental Pollution: Scope, Challenges and Remedies	Sanjeev Kumar Gupta and Ajit Singh Yadav
14.	Indian Knowledge System in Shaping Viksit Bharat@2047	Sanjay Prakashan Publishers & Distributors (2024)	Edited Book	Sanjeev Kumar Gupta, Ram chander, Sarika Kanjlia and Vineet Nagpal

Invited Lectures/ Resource Person/ Paper presentation in Seminars/ Conferences /full paper in Conference Proceedings

S.N.	Topic of Paper	Organised by (with Dates)	Level
1.	Resouce Person (Delivered Live Lecture for EDUSAT programme on the topic "Measurement of Nuclear Properties" for B.Sc. III students	Commissioner higher Education Haryana, Panchkula (Feb. 14, 2009)	State Level
2.	Resouce Person (Delivered Live Lecture for EDUSAT programme on the topic "Nuclear Reactors" for B.Sc. III students	Commissioner higher Education Haryana, Panchkula (Feb. 17, 2009)	State Level
3.	Resouce Person (Delivered Live Lecture for EDUSAT programme on the topic "Nuclear Radiation Detectors" for B.Sc. III students	Commissioner higher Education Haryana, Panchkula (Feb. 28, 2009)	State Level
4.	Presented paper on Radon Concentration and Radon Exhalation Measurements in some Cement samples mixed with Fly ash	Aggarwal College, Ballabgarh (March 27-28, 2010)	National conference on Recent Advances in Science and Technology (NCRAS-2010)
5.	Radium Concentration and Radon Exhalation Measurements in Asbestos	Adesh Institute of Engineering and Technology, Faridkot, Punjab (March 15 -17, 2010)	National seminar-cum-workshop on Solid State Nuclear Track detectors (SSNTD) and Applications
6.	Presented paper on Modifications Induced by gamma irradiation upon structural, optical and chemical properties of polyamide nylon-6,6 polymer (best paper award)	Aggarwal College, Ballabgarh (October 18-20, 2013)	18 th National symposium on Solid State Nuclear Track Detectors and their Applications (SSNTD-18)
7.	Presented Thesis Proposal for Beam time 'A study of SHI and Gamma ray induced modifications of some polymers and their characterization'	Inter University Accelerator Centre (IUAC), New Delhi, India (July 6-7, 2014)	Accelerator Users Workshop (AUC-56th meeting) awarded three shifts of beam time.
8.	Presented paper on A comparative study of the effects of oxygen ions upon the	Malviya National Institute of Technology, Jaipur	International Conference on Soft Materials (ICSM-2014)

	free volume and physico-chemical properties of Makrofol (KG & N) polycarbonate	(October 6-10, 2014)	
9.	Presented paper on The SHI and gamma radiation effects upon the nano-scale free volume properties of amorphous polymeric material: A study using positron annihilation lifetime spectroscopy	IUAC, New Delhi at Jaipur (October 6-10, 2015)	18 th International Conference on Radiation Effects in Insulators (REI-18)
10.	Presented paper on Swift Heavy Ion Induced Modifications in Some Track Detector Polymers	Aggarwal College, Ballabgarh (October 18-20, 2016)	National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016)
11.	Presented paper on Swift Heavy Ion Induced Modifications of Some Track Detector Polymers	Aggarwal College, Ballabgarh (July 10-11, 2017)	International conference on Materials Research and Technology (ICMRT-2017)
12.	Career Opportunities for Graduate and Post- Graduate Students	K.L.Mehta Dayanand College, Faridabad (November 12, 2021)	Resource person/Guest Lecture
13.	Presented Paper in Understanding and Attaining Sustainable Development Goals (SDGs) through Scientific Education	Aggarwal College, Ballabgarh (June 28-29, 2022)	National Conference on Sustainable Development Goals (SDGs) and Higher Education Institutions (HEIs) (NCSDGHEI-2022)
14.	Nuclear Energy- Boon or Bane	GGN Khalsa College, Ludhiana, Punjab (March 14, 2023)	Resource person/Guest Lecture
15.	Presented paper on Study of effect of addition of Fly ash on Radon Exhalation Rate in Ordinary Portland Cement Samples	S.D. (PG) College, Panipat (March 29-30, 2023)	National Conference on Emerging Trends in Modern science and Technology
16.	Session Chair	Aggarwal College, Ballabgarh (May 12-13, 2023)	National Conference on Science for Society & Sustainability in the light of NEP-2020 (NCSSSNEP-2023)
17.	Presented Paper on Behaviour of Radon Exhalation Rate by mixing flyash of different proportions with ordinary Portland cement	Aggarwal College, Ballabgarh (May 12-13, 2023)	National Conference on Science for Society & Sustainability in the light of NEP-2020 (NCSSSNEP-2023)
18.	Session chair	Gurugram University, Gurugram (November 6-10, 2023)	28 th international Conference on Nuclear Tracks and Radiation measurements (ICNTRM-2023)
19.	Peer Reviewer	Journal of electronic materials (2024)	Springer Nature

Conferences / Seminars/Workshops/FDPs/Webinars Organised

S.N.	Title	Organised by (with Dates)	Level
1.	Organising secretary	Aggarwal College, Ballabgarh (March 27-28, 2010)	National conference on Recent Advances in Science and Technology sponsored by HEC, Haryana (NCRASST-2010)

2.	Organising secretary	Aggarwal College, Ballabgarh (October 18-20, 2016)	National Conference on Emerging Trends and Technologies in Sciences (NCETTS-2016)
3.	Organising secretary	Aggarwal College, Ballabgarh (December, 21-22, 2018)	National Conference on Nano Structured Materials and Device Technologies (NCNSMDT-2018)
4.	Organising secretary	Aggarwal College, Ballabgarh (May 12-13, 2023)	National Conference on Science for Society & Sustainability in the light of NEP-2020 (NCSSSNP-2023)
5.	Organising secretary	Aggarwal College, Ballabgarh (February 08, 2022)	Webinar on 'Explore Career Opportunities in Europe'
6.	Organising secretary	Aggarwal College, Ballabgarh (February 28, 2022)	A Talk on Sir C.V.Raman by Prof. S.K.Chakarverti , Visiting Advisor (Research), Manav Rachna International Institute of Research and Studies, Faridabad
7.	Convener	National Power Training Institute, Ministry of Power, Govt of India at Aggarwal College Ballabgarh (March 25-28, 2017)	4-Day Skill Development Program on Solar PV Power Plant Design & O & M
8.	Convener	Aggarwal College, Ballabgarh (October 27-30, 2021)	(FDP-1) on the Topic 'Understanding Digital Tools for Teaching Pedagogy - Training the Trainers'
7.	Convener	Aggarwal College, Ballabgarh (January 18-22, 2022)	(FDP-2) on the Topic 'Smart Board Training-Training The Trainers'
8.	Convener	Research & Innovation Hub, Aggarwal College Ballabgarh (Feb 03-04, 2022)	2 Day National Level Workshop (Online) on Research Paper Writing and Publication
9.	Co-convener	Aggarwal College, Ballabgarh (February 08-14, 2022)	Road Safety Week
10.	Co-convener	Dept of Physics, Aggarwal College ballabgarh (February 09, 2022)	Guest Lecture on the topic ' Super Capacitors: The Physics at Nanoscale ' by Dr. Yogesh Kumar Bhati, ARSD College, University of Delhi
11.	Co-convener	Aggarwal College, Ballabgarh (February 21, 2022)	Webinar on 'Revisiting role of Science and Scientists in Indian Independence Struggle' by Prof. Ranjana Aggarwal, Director, CSIR- National Institute of

		Science Communication and Policy Research
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Conferences/Seminars/Workshops/FDPs/Webinars/Refresher/Orirntation Courses Attended

S.N.	Title	Organised by (with Dates)	Description
1.	Orientation Course	Jamia Millia Islamia, New Delhi from 4 th may to 2 nd June, 1999	28 Days
2.	Refresher course	Aligarh Muslim University, Aligarh (14 th Feb. to 11 th March, 2000).	26 Days
3.	Refresher course	Aligarh Muslim University, Aligarh (Sept. 09- 30, 2000).	22 days
4.	Refresher course	M.D. University, Rohtak (March 4 -25, 2002).	22 Days
5.	Orientation Course on N.S.S.	Kurukshetra University, Kurukshetra (27 August – 05 September, 2003)	Training Orientation and Research Centre, NSS Unit, Deptt of Social Work, University of Delhi
6.	Five - Day short Term programme on Script Writing	NITTTTR, Chandigarh (May 12-16, 2008)	National Institute of Technical Teachers Training and Research, MHRD, Govt of India
7.	Two - Day national Conference	IUAC, New Delhi (18-20 November, 2009)	National Conference on Accelerator and Low - Level Radiation Safety (NCALLRS-09)
8.	Two Day International Conference	Manav Rachna International University, Faridabad (April 16-17, 2010)	On Nanotechnology and Solar Photovoltaics
9.	Two - Day national Conference	IUAC New Delhi (Sept. 27-28, 2010)	National Level Workshop on ‘Atomic Absorption Spectrometer’
10.	Eleven - Day Professional Development Program	Aggarwal College Ballabgarh & NIIT Faridabad (May 8-20, 2013)	Use of information Communication Technology in Teaching & Learning
11.	Two - Day national Conference	GGSSIP University, New Delhi (February	National Conference on ‘Innovation in

		17-18, 2015)	Composites for General Purpose to High End Application
12.	Two - Day national Conference	MHRD, Govt. of India, at GGSDS College, Palwal (September 23-24, 2016)	National Conference on Use of Scientific Terminology in Science and Technology
13.	Two - Day national Conference	MHRD, Govt. of India, at Aggarwal College, Ballabgarh (March 04-05, 2017)	National Conference on Use of Scientific Terminology in Science and Technology
14.	One - Day Orientation Program under UBA	MHRD, Govt of India at IIT Delhi (Sept 24, 2019)	Orientation of Participating Institutes to Initiate Work in Adopted Villages Clusters
15.	Three - Day workshop	Aggarwal College Ballabgarh and Shiksha Sanskriti Utthan Nyas, New Delhi (December 28-30, 2019)	Charitra Nirmaan avam Vyaktitva ka Samagra Vikas
16.	Participated in Two - Day International Symposium	GGN Khalsa College, Ludhiana (May 28-29, 2020)	Role of Science in the Post COVID-19 Era (Online)
17.	E-International Symposium	GGSSIP University, New Delhi (ISSCSMPA-2020) (June 14 -17, 2020)	'Synthesis and Characterization of Smart Materials and Their Potential Applications'
18.	National webinar	Department of Physics, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, Delhi (03.10.2020)	Fundamentals and Applications of Physics – "Magnetoelectric Nanostructures for Memory and Energy Applications"
19,	National webinar	Department of Physics, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, Delhi (10.10.2020)	Fundamentals and Applications of Physics - "Application of Accelerators"
20.	National webinar	Department of Physics, Shaheed Rajguru College of Applied Sciences for Women, University	Fundamentals and Applications of Physics - "Role of CSIR-National Physical Laboratory in Polar

		of Delhi, Delhi (24.10.2020)	region Research Activities”
21.	National webinar	Department of Physics, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, Delhi (31.10.2020)	Fundamentals and Applications of Physics - “Looking for black holes”
22.	Six - Day online Short - Term Course on	Dept of Chemistry, YMCAUST, Fbd with American Chemical society & Vigyan Bharti (February 13-28, 2021)	Advanced materials for Aatm Nirbhar Bharat
23.	One - Day Webinar under UBA	UBA Cell, RGIT, Mumbai (March 13, 2021)	Factors to Consider in Planning environment friendly, sustainable development projects
24.	National Webinar	Aggarwal College Ballabgarh (June 12, 2021)	Effective and Efficient Writing of Research Papers for Web of Science, Scopus Indexed Journal and Conference Papers Using Typeset Research Studio
25.	International Webinar	Aggarwal College Ballabgarh (June 29, 2021)	Role of N-list Resources in Academic Institutions
26.	National Webinar	Association of Indian College Principals, Haryana Govt Aided College Principals & Markanda National College, Shahbad Markanda, Kurukshetra (August 23, 2021)	Responsibility of Stakeholders in Higher education
27.	Completed UGC-Approved Short-Term Professional Development Programme	IGNOU (January 20-29, 2023)	Implementation of NEP-2020 for University and College Teachers
28.	One - Day workshop	MDU Rohtak (May 04, 2024)	Thrust Areas of NEP Implementation in Colleges

Appreciation /Awards received

S.No.	Name of award	Agency	Field	For
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1.	Appreciation cert, 2007	Aggarwal College Ballabgarh	Cultural	Mime represented India in SAARC Youth Festival held at Mumbai in March 2007
2.	Appreciation cert, 2012	M. D. University, Rohtak	Cultural	Upliftment of Cultural Activities in Zonal/Inter zonal Youth Festival
3.	Appreciation cert, 2014	Marg Darshan	Life Saving Programmes	Road Safety
4.	Vaish Pratibha Protsahan Sammaan, 2015	Vaish Aggarwal Mahasabha, Faridabad	Academic	Upliftment of Education
5.	Appreciation cert, 2022	Sub-Divisional Administration, Ballabgarh	Education	Upliftment of Education
6.	Shikshak Samman Patra- 2022	Rashtriya Mahila Jagriti Manch (Regd)	Social	Women upliftment

Services rendered to the University/College administration

S.No.	Position	Body	Period
1.	Officiating Principal	Aggarwal College Ballabgarh	15.01.2024 – 28.05.2024
2.	Incharge	Wing – 1, Aggarwal College Ballabgarh	01.10.2022 – 28.05.2024
3.	Teacher Reprsentative	Governing Body, Aggarwal College Ballabgarh	2023 - 2026
4.	External Member	MDU constituted Academic & Administrative Audit (AAA) Committee (May 1-31, 2024)	Conducted AAA of 07 Govt Colleges in Faridabad
4.	Member	UG Board of Studies, M.D.University, Rohtak	2021-23
5.	Member (Elected)	Academic Council, M.D.University Rohtak	2013-2015
6.	NSS Programme Officer	Aggarwal College Ballabgarh	2001-2005
7.	Life Member	Nuclear Track Society of India (NTSI)	

Other Responsibilities as Director/ Co-ordinator/ Convener/ member

S.No.	Position	Body	Period
1.	Paper Setter in the subject of Physics	Haryana Board of School Education, Bhiwani	2010 - 2022

2.	Digital Co-ordinator	Aggarwal College Ballabgarh	2021-22
3.	Director	Centre for Career Counselling, Training and Placement Aggarwal College Ballabgarh	2020 – 2025
4.	Co-ordinator	Unnat Bharat Abhiyan	2018-2022
5.	Co-ordinator	Swachhta Senani Team	2018 – 2022
6.	Nodal Officer	Parivaar Pehchan Patra Drive	2021
7.	Nodal Officer	Passport	2015 -2024
8.	Nodal Officer	learner License	2019 -2024
9.	Convener - Tree Plantation Fortnight	on - Vriksh se Jal, Jal se Jeevan at Aggarwal College Ballabgarh	July 14-28, 2022
10.	Convener	Beyond the Campus Environment Activities	(2021-22, 2022- 23)
11.	Convener	Swachh Bharat summer Internship (SBSI)	May-June, 2018)
12.	Convener	Swachhta Action Plan (SAP)	2021-22
13.	Dy. Convener	Preparing Performa for Gender Audit in the Institution	2022
14.	Member	Institutional Development Plan Preparation Committee (2022-27)	

EXPERIMENTAL SKILLS:

1. Swift Heavy Ion Beam (High Energy - MeV range) Experiment using 15 UD Pelletron Accelerator at IUAC, New Delhi, India with different ion beams. (Beams used 100 MeV O^{7+} , 70 MeV C^{5+} and 50 MeV Li^{3+}).
2. Gamma (γ -ray) irradiation using radioactive Co-60 source at IUAC, New Delhi.
3. Positron Annihilation Lifetime Spectroscopy using fast-fast coincidence spectrometer at UGC-DAE consortium at Kolkata
4. X-Ray Diffraction.
5. Scanning Electron Microscopy (SEM) with EDAX.
6. **Optical Characterization Techniques:**
Fourier Transform Infra-Red Spectroscopy
UV-Visible Absorption Spectroscopy

Date:

(Dr. Sanjeev K Gupta)