GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
Sector 16-C, Dwarka, New Delhi-110078

ACADEMIC AUDIT (for USS/Centres)

(For the Academic Session 2025-26)
(01.08.2025 to 31.07.2026)

PART – I : PRELIMINARY INFORMATION

1. Name of the School/Centre: **UNIVERSITY SCHOOL OF BASIC & APPLIED SCIENCES**

   Telephone :_01125302400

   E-Mail :dean.usbas@ipu.ac.in

2. Date and Time of Visit : _____19th August 2026_____11:00 am_____

3. Members of the Visiting Committee:

   (i) Prof. Meenu Kapoor, USBT - Chairperson

   (ii) Prof. Pushpender Bharti, USICT - Member

   (iii) Prof. M. Thirumal, DU - Member

   (iv) Prof. Satyabrata Mohapatra, Convener

4. (a) Academic Programmes conducted in the School/Centre :

S. N.	***Name of the Programme***	***Sanctioned Intake***								***Actual number of Students admitted during the year***								***Whether approved by AICTE/ SRA/BCI/ COA/NCTE, etc.****	***Program Status (Running or Closed)***
(1)	***(2)***	***(3)***								***(4)***								***(5)***	***(6)***
		SC	**ST**	**OBC**	**PWD**	**JKM**	**EWS**	**Gen**	**Total**	**SC**	**ST**	**OBC**	**PWD**	**JKM**	**EWS**	**Gen**	**Total**		
1	B.Sc./M.Sc (Physics) - 491	11	5	16	2	0	6	33	73 + 2 Def = 75	1	-	-	-	-	-	12	13		Running
2	B.Sc./M.Sc (Chemistry) – 492	11	5	16	2	0	6	33	73 + 2 Def = 75	-	-	-	-	-	1	12	13		Running
3	B.Sc./M.Sc (Mathematics) - 493	11	5	16	2	1	6	33	74 + 2 Def = 76	-	-	-	-	-	-	15	15		Running
4	Ph.D. in (Physics)									-	-	-	-	-	-	3	3		Running
5	Ph.D. (Chemistry)									1	-	3	-	-	3	4	11		Running
6	Ph.D. (Mathematics)									-	-	-	-	-	1	7	8		Running

* Enclose letter of approval with Seat intake from Regulatory Body, if applicable

19.08.2026

(b) Details of programs and courses:

(b) Details of programs and courses:

Total No. of Programmes in the School:

S. No.	Programme Code	Programme Name	Duration	Total no. of students in the Programme (for all years)	Total No. of courses in program	New courses introduced during the year (Course Code & Course Name)
1	491	B.Sc./M.Sc. dual degree in Physics	4 + 1 year	21	170	
2	492	B.Sc./M.Sc. dual degree in Chemistry	4 + 1 year	19		
3	493	B.Sc./M.Sc. dual degree in Mathematics	4 + 1 year	21		
4	904	Ph.D. in Physics		17	22	
5	905	Ph.D. in Chemistry		41		
6	945	Ph.D. in Mathematics		20		

(c) How many programs in which syllabus revision was carried out during the year (enclose copy of the BOS and AC minutes). N.A.

Program Code	Program Name	If revision has been carried out in the syllabus during the year, Percentage of content added or replaced

Note: If the number of courses in which the content is revised in a given programme to the extent of 20 % or more, it should be considered as "change in syllabus

(d) Which of the following features have been adopted in the Academic Programmes. (If done partially, indicate the same):

(i) Course Outcomes have been defined (**Yes**/No)
(ii) Program Outcomes have been defined (**Yes**/No)
(iii) Program Specific Outcomes have been defined (**Yes**/No)
(iv) Mapping of CO's, PO's & PSO's has been done (**Yes**/No)
(v) Are all programmes NEP Aligned? (Yes/**No**)
(vi) Open elective offered by Schools. (**Yes**/No)
(vii) Elective Course system implemented (**Yes**/No)
(viii) Do you have course on Professional Ethics in any of the program (**Yes**/No)
(ix) Do you have course on Entrepreneurship: (Yes/**No**)
(x) Do you have course on Environment and sustainability: (Yes/**No**)
(xi) No of Skill Development courses offered (course code and title): 04
BSEC-131, The Story of Science
BSEC-132, From Galileo to Hawking: Exploring the Cosmos
BSEC101, EXCEL-I
BSEC102, EXCEL-II

(e) Does the course curriculum in various programs include gender awareness, environment and sustainability, human values and professional ethics, Entrepreneurship, if yes, please give details of such courses and the student enrollment.

Course Code	Course Name	Students Enrolled	Type
VAC202	Human Values & Ethics	20	UES
BSVAC121	Universal Human Values: Understanding Harmony	41	UES
RPE-701	Research Publication and Ethics	22	UES
EMES111	Environmental Studies	41	UES

f) Does the school assesses / measure attainment of POs, PSOs and COs, if yes, state the method used. N.A.

(g) Does school conduct any value added courses such as Life Skills, etc. (Please provide details with course name, students enrolled and passed, duration, credits)

Value added course conducted	Students Enrolled	Duration	Students completed
BSSEC-131, The Story of Science	18	3 credits	Result awaited
BSSEC-132, From Galileo to Hawking: Exploring the Cosmos	17	3 credits	Result awaited
BSSEC101, EXCEL-I	15	3 credits	Result awaited
BSSEC102, EXCEL-II	15	3 credits	Result awaited

Note: Value Added Courses offered should be minimum of 30 hours.

5. Details of Research, Innovations and Consultancy in School:

(a) Details of JRF / SRF /Other Research Fellows/Post Doctoral Fellows/Research Associates:

Name of Research Fellow / Awardee	Year of Enrollment	Duration of Fellowship	Granting Agency	Type of Fellowship / Award	Whether pursuing Phd or not?
Khushbu Wadhwa	2025	5 years	CSIR	JRF	Yes
Dr. Pooja Seth	2025	3 Years	DST	Post Doctoral	-
Ms. Vinita Sangwan	2022	As per University norms	GGSIPU/ UGC	JRF/SRF	Yes
Ms. Kajal Chaudhary	2022	As per University norms	GGSIPU	Research Scholar (Ph.D.)	Yes
Ms. Divisha Kansal	2023	As per University norms	GGSIPU	Research Scholar (Ph.D.)	Yes
Ms. Ekta Lamba	2023	As per University norms	GGSIPU	Research Scholar (Ph.D.)	Yes
Ms. Jyoti Kumari	2024	As per University norms	GGSIPU	Research Scholar (Ph.D.)	Yes
Ms. Surbhi Sharma	2025	As per University norms	GGSIPU	Research Scholar (Ph.D.)	Yes
Mr. Inderjeet Yadav	2021	As per University norms	GGSIPU/ UGC	JRF/ SRF	Awarded in March 2026
Mr. Shanky Garg	2020	As per University norms	GGSIPU	NBHM	Awarded in August 2025
Ms. Ekta Prajapati	2026	As per University norms	GGSIPU	Research Scholar (Ph.D.)	Yes
Sweksha Srivastva	2019		GGSIPU		Yes
Simrandeep Kaur	2021		GGSIPU		Yes
Rashmi	2024		GGSIPU		Yes
Mansi Sharma	2025		GGSIPU		Yes
Gourav Arora	2021	3 years	GGSIPU	STRF	Yes
Priya	2022	5 years	IPU-CSIR	STRF-JRF	Yes
Vani Verma	2025	3 years	GGSIPU	STRF	Yes
Jyoti Dahiya	2021	2022-2026	GGSIPU	STRF	Submitted
Krishna Kumar	2022	2023-2027	GGSIPU	STRF	Yes
Nikita	2022	2023-2027	GGSIPU	IPRF	Yes
Shagun Singh	2023	2024-2026	GGSIPU	IUPF	Yes
Debolina Roy	2024	2025-2027	GGSIPU	IUPF	Yes
Tulsi	2025	2026-2028	GGSIPU	IUPF	Yes

(b) Research Project Details

(i) Does the School has any of the departmental project from UGC SAP, CAS, DST FIST, DBT, ICSSR or other similar Govt. agencies. **No**

(ii) Extra mural project grants:

Name of the Scheme	**Name of Funding Agency (Govt Only)**	**Year of Award**	**Name of the PI/Coordinator**	**Amount of Fund**	**Duration of Project**	**Status of Project (New / Ongoing)**
SERB SURE	SERB, DST	2023	Prof. S. Neeleshwar	Rs. 29,96,400/-	3 years	Ongoing
WISE - SCOPE	DST	2025	Dr. Pooja Seth	Rs 43,53,000/-	3 Years	Ongoing
Development of Mathematical Modelling and Numerical Simulation of Carbon Nano Tube (CNT) based flow of Nanofluid (Nano Coolant) using Lattice Boltzmann Method	National Board of Higher Mathematics (NBHM), Department of Atomic Energy, Govt. of India	2022 (F.No. 0211/5/2022 NBHM(RP)/R&D II/2009 dated 10.02.2022)	Prof. Rashmi Bhardwaj	Rs. 16,80,900/	February 2022 - March 2026	Ongoing

c) For non-Govt., Please provide following details:

Note: Non-Govt. means sources such as industry, corporate house, endowments, chairs or international bodies.

Name of the Project / Endowment / Chairs	**Name of the PI**	**Year of Award**	**Amount of Fund**	**Duration of Project**	**Funding Agency**	**Status of Project (New / Ongoing)**
Prof. S. Neeleshwar	2025	5,39,000/-	12 months	Prototype of air Ionization system	Instapower ltd	ongoing
Prof. S. Neeleshwar	2025	3,63,000/-	3 month	Devlopment of a miniatuzed high	Instapower ltd	ongoing

				temperature heating element for advanced engeering and research application		

(d) List of initiatives for creation and transfer of knowledge by students and faculty (innovations) N.A.

(e) List of activities conducted on IPR and industry academia innovative practices.

Name of Workshop / Seminar	No. of participants	Duration	Link to the report
Two Indian Design Patents published by Prof. Rashmi Bhardwaj during the audit period (Design Applications 416816-001 and 456593-001), The Indian Patent Office, New Delhi	-	23.01.2026 and 17.07.2026	

(f) Details of awards for innovation won by teachers / research scholar / students.

Name of the faculty/ Research Scholar/ Students	Award	National / International	Prize (if any)
Prof. Rashmi Bhardwaj	First Position in Research Track, Analytics Global Conference 2026 (13-14 March 2026, Kolkata) - Appreciation Certificate with cash prize of Rs. 10,000/-	National / International	Rs. 10,000/- cash prize
Vinita Sangwan	Best Research Paper Award at International Conference on Wetlands and Water Resources for Sustainable Development held at NIT-Patna (29.12.2025-31.12.2025)	National / International	Certificate / Recognition
Kajal Chaudhary	Best Oral Presentation Award at International Conference on Mathematical Sciences and Computational Intelligence held at PGDAV College, University of Delhi. (20.02.2026-22.02.2026)	National / International	Certificate / Recognition

(g) Details of start up incubated on campus (sanction order of the university, if available).

N.A.

Name of the start up	Nature of start up	Year of start up	Details of promoters (Equity)	Valuation, if any

(h) No. of patents filed/published or awarded/granted with copies.

Name of the Patent Published / Awarded	Patent No.	Income generated, if yes, mention the amount
Nitrogen and Sulfur-Doped Carbon Quantum Dots for Detection of Silver (I) Ions", Inventors: Shipra Mital Gupta, Surendra Kumar Sharma, Shailja Pandey, Applicant: Guru Gobind Singh Indraprastha University	Patent Application No. 202511084932 dated 8/9/25	

(i) Publications in scopus / web of science /others

Title of the Paper and year of publication	Name of the Author(s)	Title of the Journal and ISSN No.	Volume, issues and page nos.	Indexing database and Impact factor/ Cite score if any	Link of the paper or DOI
Natural Ingredients-based pyrotechnic aerosol forming composite for quick fire extinguishment, 2026	Braham Prakash, Amit Saxena, Yogesh Kumar Tyagi, IP Singh, Arvind Kumar	Process Safety and Environmental Protection	216, 109202	Scopus 7.9	https://doi.org/10.1016/j.psep.2026.109202
Yamabe and Ricchi Solitons on Vaidya spacetime. 2025	Savita Rani, Ram Shankar Gupta, Young Jin Suh	International Journal of Geometric Methods in Modern Physics ISSN: 0219-8878	Vol. 23, No. 08, 2550218 (2026)	SCIE, SCOPUS Impact factor 2.5	https://doi.org/10.1142/S0219887825502184

Weingarten osculating surfaces of non-null curves in minkowski 3-space, 2026	Gunjan Goel, Ram Shankar Gupta	Honam Mathematical Journal ISSN: 1225-293X	Vol. 2, No. 2, 369-388, June, 2026	ESCI Impact factor 0.3	https://dx.doi.org/10.5831/HMJ.2026.48.2.369
Detection of Manganese (II) by PVP-AgNPs for water monitoring, 2025	Shailja Pandey, *Shipra Mital Gupta, S.K. Sharma	Environmental Monitoring and Assessment 197, ISSN: 1573-2959	197:1238	Impact Factor: 3.6	https://doi.org/10.1007/s10661-025-14716-w
Study of spectral brightness of THz radiation produced by longitudinally polarized harmonic undulator	Mukesh Kumar	Journal of Optics/Springer	1-12	Scopus 2.7	10.1007/s12596-025-02976-1
Modelling of a Hybrid Concentrated Solar Photovoltaic Thermal – Thermoelectric Generator Collector with Vapour Absorption Refrigeration System at different Constant Collection Temperatures,2025	Abhishek Tiwari, Gopal N. Tiwari, Sourabh Anand, Shruti Aggarwal	Environmental Progress & Sustainable Energy		2.3	https://doi.org/10.1002/ep.70144
Exergy Analysis and Predictive Modelling of a Hybrid Solar Photovoltaic Thermoelectric Collector	Abhishek Tiwari, Shruti Aggarwal	International Journal of Exergy	Accepted		

for Refrigeration Application					
A review on the advancements in Tissue-Equivalent TL and OSL Phosphor materials for radiation dosimetry, 2026	Pooja Seth, Anuj Soni, Shruti Aggarwal	Radiation Physics and Chemistry	247, 113919	3.5	https://doi.org/10.1016/j.radphyschem.2026.113919
A Recent Review on Aqua Mediated Synthesis of DHPMs via the Biginelli Reaction, 2026	Pankaj Khanna; Kavita Mittal; Charu Bhutani; Asmita Singh; Sangeeta Talwar; Leena Khanna	Current Organic Chemistry, ISSN (Online): 1875-5348	*Volume 30, Issue 7, 2026, 283-294*	Scopus /2.5	10.2174/0113852728403897250831200808
Multifunctional Curcumin-Inspired 3,5-Diarylidene-4-Piperidones: Design, Synthesis, Biological Evaluation and Computational Mechanistic Studies, 2026	Angel K. Nkosi; Adel S. Girgis; Ahmed Samir; Mohamed A. Morsy; Amira M. Shaban; Walid Fayad; Ahmed A. F. Soliman; Christine T. Williams; Shogo Mori; Leena Khanna et al	Pharmaceuticals, ISSN: 1424-8247	*2026, 19, 935.*	Scopus /5.7	10.3390/ph19060935
Novel coumarin-1,2,3-triazole-isatin hybrids: design, synthesis, *in-vitro*, *in-silico* and SAR study for antimicrobial activity	Mansi; Shilpa Yadav; Priyanshu; Pratibha Chanana; Pankaj Khanna; Charu Bhutani; Leena Khanna	*Future Medicinal Chemistry*, ISSN: 1756-8927	*18*(13), 1713–1729	Scopus /3.4	10.1080/17568919.2026.2676786

and α-glucosidase inhibition. 2026					
High performance low temperature indium doped mesoporous tin oxide based NO2 sensor, *2026*	Alka Singh, Mansi Vats, Satyabrata Mohapatra, Monika Tomar, Arijit Chowdhuri, Vaishali Singh	Journal of Alloys and Compounds 1873-1252	*1073, 189056*	Scopus 6.7	https://doi.org/10.1016/j.jallcom.2026.189056
Non-linear AI based viscosity prediction for binary brine data (2025; published 11.10.2025)	Sangwan, V.; Bhardwaj, Rashmi; Alfaro, M.; Soto-Bubert, A.; Acevedo, R.	Chemical Thermodynamics and Thermal Analysis; ISSN 2667-3126 (Elsevier)	20 (2025), 100231, 1-11	Scopus, ESCI; IF 1.9	https://doi.org/10.1016/j.ctta.2025.100231
Viscosity model of KCl-NaCl-H2O and CaCl2-NaCl-H2O brines in the temperature range 273.15 to 333.15 K (2025; published 11.12.2025)	Soto-Bubert, A.; Bhardwaj, Rashmi; Acevedo, R.	Chemical Thermodynamics and Thermal Analysis; ISSN 2667-3126 (Elsevier)	21 (2026), 100253	Scopus, ESCI; IF 1.9	https://doi.org/10.1016/j.ctta.2025.100253
Is your Bank Financially Stable? Inspection of financial health of Banks using the novel approach RAAS (2025; published December 2025)	Garg, Shanky; Bhardwaj, Rashmi	International Journal of Mathematics in Operational Research; ISSN 1757-5850 (P), 1757-5869 (E) (Inderscience)	In press	Scopus	https://doi.org/10.1504/IJMOR.2024.10069124
An Improved Class of	Inderjeet; Bhardwaj, Rashmi*	Palestine Journal of Mathemati	14(4), 104-108	Scopus	https://pjm.ppu.edu/paper/2349

Newton Raphson Method for the Numerical Simulation of Nonlinear Equations (2025; published December 2025)		cs; ISSN 2219-5688 (Palestine Polytechnic University)			
A New Variant of Secant Technique for Simulation of Nonlinear Equations (2025)	Inderjeet; Bhardwaj, Rashmi*	Journal of Interdisciplinary Mathematics; ISSN 0972-0502 (Taru Publications)	28(8), 2867-2876	Scopus, Web of Science; IF 1.1	https://doi.org/10.47974/JIM-2326
Boosting Approach to Brine Viscosity Estimation: Binary System Development (2026; published 25.01.2026)	Sangwan, V.; Bhardwaj, Rashmi; Soto-Bubert, A.; Acevedo, R.	Chemical Thermodynamics and Thermal Analysis; ISSN 2667-3126 (Elsevier)	21 (2026), 100273	Scopus, ESCI; IF 1.9	https://doi.org/10.1016/j.ctta.2026.100273
Ensemble Machine Learning Models for Ternary Electrolyte Viscosity Prediction (2026; published 04.02.2026)	Sangwan, V.; Bhardwaj, Rashmi; Soto-Bubert, A.; Acevedo, R.*	Chemical Thermodynamics and Thermal Analysis; ISSN 2667-3126 (Elsevier)	21 (2026), 100278	Scopus, ESCI; IF 1.9	https://doi.org/10.1016/j.ctta.2026.100278
A New Variant of Simpson's Method with Accelerated Sixth Order of Convergence (2026; published 18.02.2026)	Inderjeet; Bhardwaj, Rashmi*	Palestine Journal of Mathematics; ISSN 2219-5688 (Palestine Polytechnic University)	15(1), 120-128	Scopus	https://pjm.ppu.edu/paper/2446
Fractal Memory and Deep Learning: A	Xue, Xingsi; Bhardwaj, Rashmi*; Khalaf, O. I.; Sangwan, V.; Sharma, S.	Egyptian Informatics Journal; ISSN 1110-	33, 100916	Scopus; IF 4.3	https://doi.org/10.1016/j.eij.2026.100916

New Paradigm for Stock Market Prediction (2026; published 18.02.2026)		8665 (Elsevier)			
Hybrid Quantum-Classical Variational Reconstruction of CFD Fields Using VQAs (2026; published 11.04.2026)	Sharma, Surbhi; Bhardwaj, Rashmi*; Datta, Debabrata	Boletim da Sociedade Paranaense de Matematica ; ISSN 2175-1188 / 0037-8712 (Estadual University of Maringa)	44(7), 1-17	Scopus, ESCI, Web of Science; IF 0.4	https://doi.org/10.5269/bspm.81302
Optimization of Decision Support System Using Dynamic Rough Set and Machine Learning in Complex Dynamic Environments (2026; published 11.04.2026)	Yadav, Ekta; Bhardwaj, Rashmi*	Boletim da Sociedade Paranaense de Matematica ; ISSN 2175-1188 / 0037-8712	44(7), 1-14	Scopus, ESCI, Web of Science; IF 0.4	https://doi.org/10.5269/bspm.82070
Quantum Graph-Based Modelling of Multi-Step Phase Dynamics in Coupled Oscillator Networks (2026; published 11.04.2026)	Sharma, Surbhi; Bhardwaj, Rashmi*; Datta, Debabrata	Boletim da Sociedade Paranaense de Matematica ; ISSN 2175-1188 / 0037-8712	44(7), 1-20	Scopus, ESCI, Web of Science; IF 0.4	https://doi.org/10.5269/bspm.81615
Medical image enhancement using Genetic Optimization Algorithm (2026;	Kansal, Divisha; Bhardwaj, Rashmi	Boletim da Sociedade Paranaense de Matematica ; ISSN 2175-1188 / 0037-	44(14), 1-15	Scopus, ESCI, Web of Science; IF 0.4	https://doi.org/10.5269/bspm.81747

published 30.04.2026)		8712			
Quantum-Swarm Hybrid Framework for Automated Hyperparameter Optimization in Boosting Algorithms for Cardiac Disease Prediction (2026; published 30.04.2026)	Sangwan, Vinita; Bhardwaj, Rashmi*	Boletim da Sociedade Paranaense de Matematica ; ISSN 2175-1188 / 0037-8712 (Estadual University of Maringa)	44(14), 1-10	Scopus, ESCI, Web of Science; IF 0.4	https://doi.org/10.5269/bspm.82029
Bayesian Additive and Random Subspace Ensemble Models Enhanced by PSO for Groundwater Irrigation Quality Analysis (2026; published 03.05.2026)	Bhardwaj, Rashmi*; Sangwan, Vinita	Energy Nexus; ISSN 2772-4271 (Elsevier)	22, 100719	Q1, Scopus, ESCI; IF 9.5	https://doi.org/10.1016/j.nexus.2026.100719
Machine-Learning-Based Viscosity Prediction for Ternary CaCl2-NaCl-H2O and KCl-NaCl-H2O Brine Systems (2026)	Sangwan, V.; Bhardwaj, Rashmi; Soto-Bubert, A.; Acevedo, R.*	Chemical Thermodynamics and Thermal Analysis; ISSN 2667-3126 (Elsevier)	23 (2026), 100353	Scopus, Web of Science; IF 1.9	https://doi.org/10.1016/j.ctta.2026.100353
Optimal Portfolio Construction with Fuzzy Least Square Support Vector Machines	Simrandeep Kaur, Arti Singh, Abha Aggarwal	International Journal of System Assurance Engineering and Management	Vol. 17, No. 4, pp.1072-1106. October, 2025	Emerging Sources Citation Index	

and Conditional Value-at-Risk: A Risk-Adjusted Approach.					
A Novel Fuzzy Multi-Class Support Vector Machine: An Application to Asset Selection and Portfolio Optimization Using the Conditional Value-at-Risk Model.	Simrandeep Kaur, Arti Singh, Abha Aggarwal	Computational Economics	Vol. 16, pp. 1-46, October, 2025	SCIE	
Asset Shortlisting Via Fuzzy Support Vector Machines for Portfolio Optimization Model with Second Order Stochastic Dominance Criterion.	Simrandeep Kaur, Ruchika Seghal, Arti Singh, Abha Aggarwal	Uncertainty Discourse and Applications	Vol. 3, No. 1, pp. 89-106, 2026	Google Scholar	https://doi.org/10.48313/uda.vi.87, 2026
Selective cyclisation of 2-(2-Hydroxy-phenyl)-2,3-dihydro-1H-quinazolin-4 one with formaldehyde and isolation of two isomeric oxazines,2026	Gourav Arora, Priya and Arif Ali Khan	*Oriental J. Chemistry/ 0970-020x*	42(2), p.412-422	Scopus	http://dx.doi.org/10.13005/ojc/420204
Unveiling the role of silica sulfuric acid	Jyoti Dahiya Anudeep Kumar Narula Gulshan Kumar	2278-5450	Volume 2,200	na	10.1007/s44371-025-00274-0

and cellulose sulfuric acid in organic synthesis: a comprehensive review					
Triazoles in the Carbohydrate World: Unlocking Multifunctional Glycohybrids	Jyoti Dahiya Anudeep Kumar Narula Gulshan Kumar			CAS,DOAJ	10.56425/cma.v4i3.123
Multi-Stage Thermal Degradation of Food Waste-Derived Carbonized Biomass: Advanced Kinetic and Mechanistic Insights	Krishna Kumar Uplabdhi Tyagi Sidhharth Sirohi Saurav Kumar Maity Shagun Singh Debolina Roy Gulshan Kumar	2667-2847	Volume 103	Scopus	10.1016/j.jics.2026.102561
Current trends in biodegradable plastics for barrier, active, and intelligent packaging: a review	Ritesh Kumar Kitai Park Jongchul Joe Gulshan Kumar	1436-2449	Volume 83	Scopus	10.1007/s00289-026-06350-4

Toward greener energy storage electrodes: Hierarchically engineered rice straw-derived activated carbon integrated with SnO2/ZnO binary oxides for high-performance supercapacitors	Krishna Kumar Saurav Kumar Maity Shagun Singh Balaram Pani Debolina Roy Gulshan Kumar	1879-0062	Volume 165	Scopus	10.1016/j.diamond.2026.113594
Heteroatom modified carbohydrate scaffolds in drug discovery	Jyoti Dahiya Anudeep Kumar Narula Gulshan Kumar	3005-1193	Volume 3		10.1007/s44371-026-00762-x

(j) Number of books and chapters in edited volumes / books published, and papers in national/ international conference- proceedings per teacher.

S. N.	Name of the teacher	Title of the book/ chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National/ International	Year of Publication	ISBN/ ISSN number of the proceeding	Affiliating Institute at the time of Publication	Name of the Publisher
1	Prof. Rashmi Bhardwaj	Recursive Patterns of Design: Fractals as a Paradigm for	-	Various Dimensions of Indian Knowledge System (IKS),	-	National	2026	ISBN 978-81-928063-9-6	USBAS, GGSIP University,	

		Architectural Innovation - Chapter 3 (pp. 16-23)		Vol. VI						
2	Prof. Rashmi Bhardwaj	Fractal analysis of Beejamandal Temple: Ancient Sacred Geometry - Chapter 7 (pp. 89-101) in	-	Khajuraho With Latest Discoveries (Revised Edition)	-	National	2026	978-81-958779-9-7	GGSIP University,	
3	Prof. Rashmi Bhardwaj	Fine-Tuned Machine Learning Models: Enhancing Air Quality Index Prediction Accuracy Through Hyperparameter Optimization (pp. 217-222); published 14.04.2026		IEEE Xplore Conference Proceedings	2nd Cognitive Computing in Engineering,CommunicationsSciences and Biomedical Health Informatics (IC3ECSBHI 2026), G	International	2026	ISBN 979-8-3315-5691-4	USBAS, GGSIP University, Delhi	
4	Prof. Rashmi Bhardwaj	Heart Attack Prediction using Machine		IEEE Xplore Conference Proceedings	2nd Cognitive Computing in Enginee	International	2026	ISBN 979-8-3315-5691-4	USBAS, GGSIP University, Delhi	

		Learning and Ensemble Methods (pp. 986-991); published 14.04.2026			ring, Communications,Sciences and Biomedical Health Informatics (IC3ECSBHI 2026)					
5	Prof. Rashmi Bhardwaj	A Variant of Simpson's Technique for Accelerated Third Order of Convergence (13(4), 1-4)		IEEE Xplore Conference Proceedings IEEE DELCON JMI	Recent Smart Technologies Engineering for Sustainable Development,	International	2026	ISBN 979-8-3315-5864-2	USBAS, GGSIP University, Delhi	
6	Prof. Rashmi Bhardwaj	Quantum Enhanced Sensors and Measurement Technologies: A New Paradigm for Precision and Sensitivity (13(4), 1-7)		IEEE Xplore Conference Proceedings IEEE DELCON JMI	Recent Smart Technologies Engineering for Sustainable Development,	International	2026	ISBN 979-8-3315-5864-2	USBAS, GGSIP University, Delhi	
7	Prof. Gulshan Kumar	Magnetic Characteristics of Pure and					2026	978-3-032-15364-7	G.G.S.I.P.U.	Naveen Kumar & Springer

		Modified SnO2 Nanostructures								
8	Prof. Gulshan Kumar	Introduction to Nano Bioenergy: Concepts and Applications					2026	978-93-7219-380-0	G.G.S.I.P.U.	Dan Bahadur Pal & NIPA
9	Prof. Gulshan Kumar	Cellulose-Based Nanocomposites for Energy Storage Utilization					2026	978-93-72194-55-5	G.G.S.I.P.U.	Dan Bahadur Pal & NIPA
10	Prof. Gulshan Kumar	Plant-Based Green Nanoparticle Synthesis and Its Applications in Renewable Energy					2026	978-1-119-63789-7	G.G.S.I.P.U.	Dan Bahadur Pal & NIPA
11	Prof. Gulshan Kumar	Biochar Production Using Natural Fibers					2026	9.78937E+12	G.G.S.I.P.U.	Dan Bahadur Pal & NIPA
12	Prof. Gulshan Kumar	Environmental life cycle analysis of renewab					2026	978-0854041938	G.G.S.I.P.U.	Dan Bahadur Pal & NIP

		le energy								A

(k) Details of consultancy N.A.

Name of the consultancy Project	Consulting Agency	Revenue Generated

(l) Details of linkages with institutions / industries for internship / training / project work / sharing of research facilities

Organization / Industries	Type of linkage (Training / Project / Research)	Year of commencement	Duration	No. of students / teachers benefited
Intapower ltd	project	2025	12 months; 3 months	08
Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune (UGC autonomous institute)	Research - Visiting Associate, 'Development of Quantum Machine Learning for Astrophysical Real Time Data Analysis'	2023 (term 01.08.2023 - 31.07.2026; renewed for 2026-2029)	Three years	Faculty: 1; research scholars associated
Universidad San Sebastian, Santiago, Chile	Research collaboration - modelling of chlorinated brine viscosity and density	Ongoing	Continuing	Faculty: 1; Scholars: 3
Bhabha Atomic Research Centre, Mumbai / Heritage Institute of Technology, Kolkata	Research collaboration - Lattice Boltzmann Method, quantum algorithms and solute transport analytics	Ongoing	Continuing	Faculty: 1; Scholars: 2
National Institute of Technology, Warangal / IIT Dharwad / NIT Patna	Research collaboration - water resources, wetlands and fractal analysis	Ongoing	Continuing	Faculty: 1; Scholars: 2
University of Delhi	Research paper	2025-26		6
Yonsei University	Research paper	2025-26		4
Bhaskaracharya College of Applied Scienes	Research paper	2025-26		7

(m) Details of functional MOUs with institutions of national, international importance, other universities, industries for internship / training / project work / sharing of research facilities.

Organization with which MOU were signed	List of Activities	Year of signing of MOU	Duration	No. of students / teachers benefited
Instapower ltd	Training project	2025	Years	08

6. Details of FDPs/MDPs and other short term Programmes/Training organised by the School

(a) No. of Professional Development Programs such as FDPs / MDPs/Others organized by the school None

Program Type and its Title	Duration (from- to)	No. of participants	Income generated

(b). No. of Professional Development Programs such as FDPs / MDPs / Orientation Program / Refresher Course / Short Term Course attended by the faculty.

Name of the faculty	Program Type and its Title	Duration (from- to)	Venue
Prof. Rashmi Bhardwaj	Keynote Speaker - 4th International Conference on Applied Mathematics in Science and Engineering (AMSE-2025); talk on 'Bifurcation and Fractal Pathways for Nonlinear Complexity'	28.08.2025 - 30.08.2025	ITER, Siksha 'O' Anusandhan University, Bhubaneswar with NIT Arunachal Pradesh
Prof. Rashmi Bhardwaj	Keynote Speaker - Centre for Clean Environment; talk on 'Air and Water Quality Modeling'	17.10.2025	Vellore Institute of Technology, Vellore
Prof. Rashmi Bhardwaj	Plenary Talk - Five-Day Faculty Development Programme on 'Mathematical Computations and Applications' (MCA-2025), online mode; talk on 'Neuronal Wavelet Hybridized Fractal Modelling of COVID-19'	01.12.2025 - 05.12.2025 (talk on 03.12.2025)	Department of Mathematics, Central University of Jammu
Prof. Rashmi Bhardwaj	Keynote Speaker - 70th Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM-2025); talk on 'Fractal Wavelet Neuronal Conjunction Analysis for Complex Systems'	10.12.2025 - 12.12.2025	School of Advanced Sciences and Languages, VIT Bhopal University
Prof. Rashmi Bhardwaj	Keynote Speaker - International Conference on Mathematical Analysis and Its Applications	22.12.2025 - 24.12.2025	Department of Mathemati

	(ICMAA-25); talk on 'Neuronal Wavelet Fractal Conjunction Optimization of Complex Systems'		cs, South Asian University, Delhi
Prof. Rashmi Bhardwaj	Guest of Honour and Invited Talk - MATH'S FEST 2026; talk on 'Complexity Analysis for Real Life Applications'	21.01.2026	Department of Mathematics, J. C. Bose University of Science and Technology, YMCA, Faridabad
Prof. Rashmi Bhardwaj	Invited Talk - International Conference on Recent Trends in Mathematics and Computing (ICRTMC-2026); talk on 'Neuronal Wavelet Fractal Conjunction Analysis for Complex Systems'	16.02.2026 - 18.02.2026	Department of Mathematics, Jamia Millia Islamia University, Delhi
Prof. Rashmi Bhardwaj	Invited Talk - International Conference on Innovative Science, Engineering & Technology (ICISTECH 2.0); talk on 'Wavelet Fractal Conjunction Optimal Analysis for Complex Systems'	26.02.2026 - 27.02.2026	Amity School of Engineering & Technology, Amity University, Patna
Prof. Kriti Batra	One week FDP On Cyber Security and Block Chain Technology GGSIPU and CDAC under ISEA project (MEITY)	15th June-19th June 2026	GGSIPU, EDC
Prof. Kriti Batra	One Day workshop on POSH at Workplace:Awareness and Responsibilities	3rd February , 2026	GGSIPU, EDC
Prof. Kriti Batra	Organised: Annual Tech Fest Elysian 3.0 (battle of Brains)	17th October 2025	GGSIPU, EDC
Mukesh Kumar	Python Programming for Engineering Applications	28th July – 8th August 2025	Electronics and ICT Academies
Mukesh Kumar	A short course on numerical analysis with python	18-25 November 2024	USIC, University of Burdwan
Mukesh Kumar	Advanced functional materials &	3-5 March 2025	ARSD

	devices for sustainable development		College, University of Delhi

(C) E content developed by faculty (E-PG Pathshala / Swayam / MOOCS / NPTEL / School LMS / any other): None

7. Faculty Information:

(a) Details of teachers who have received grant for research from University under FRGS/other scheme

Name of the Faculty	Amount of Grant	Duration of the Grant	Project Name
Prof. Anindya Datta	Rs. 4,20,000 (1st Year)	3 years	Cobalt oxide nanoparticle decorated MoS_2 hybrid for Bioanalytical Applications
Prof. Shruti Aggarwal	Rs. 2,00,000	1 year	Synthesis and thermoluminescence (TL) study of Sodium borate glass for radiation dosimetry application
Prof. Rashmi Bhardwaj	Rs. 1,21,000	1 year	Emergence of Thermal Cliff in Fractal Carbon Nanotube Networks under Viscous Dissipation
Prof. Vaishali Singh	Rs. 2,00,000	1 year	Annealing effects in m-SnO_2 for enhanced hydroelectric cell applications
Prof. Tapan K. Jain	Rs. 2,00,000	1 year	Iron Nanoparticles containing covalent organicfranmework for drug delivery.
Prof. Gulshan Kumar	Rs. 2,00,000	1 year	Synthesis and surface engineering of Mxenes nanocomposites for biosensing applications
Prof. S. Neeleshwar	Rs. 2,00,000	1 year	Engineering SnTe for mid-temperature thermoelectric applications via Ball Milling and melting

Prof. Anjana Bagga	Rs. 1,92,500	1 year	Study of Electron-Hole Asymmetry and Hidden Anisotropy in Graphene from Higher-Order Interations: A Combined Tight-Binding and First Principles Study
Prof. Satyabrata Mohapatra	Rs. 2,00,000	1 year	Development of mesoporous $NiFe_2O_4$ based hybrid nanostructures for application in hydroelectric cell based green electricity generation
Prof. Yogesh K. Tyagi	Rs. 2,00,000	1 year	Studies on preparation and characterization of Natural acid-based aerosol forming composites for fire extinguishing applications
Prof. Shipra Mital Gupta	Rs. 2,00,000	1 year	Synthesis and characterization of nanomaterial based photocatalysts for dye degradation
Prof. Leena Khanna	Rs. 2,00,000	1 year	Synthesis of Novel Heterocycles for enzyme inhibition studies and other potential biological applications
Ms. Mukesh Kumar	Rs. 2,00,000	1 year	Development of MoS_2–Graphene Hybrid Nanomaterials for High-Sensitivity Terahertz Detectors and Sensing Devices

(b) Details of teachers who have received any research project by Govt./Non –Govt. Sources (other than FRGS) including Departmental Projects

Name of the faculty	**Month and Year of Award**	**Amount of Grant**	**Duration of the Grant**	**Project Name**	**Funding Agency**	**Project status (New/Ongoing)**
Prof. S. Neeleshwar	2025	5,39,000/-	12 months	Prototype of air Ionization system	Instapower ltd	Ongoing

Prof. S. Neeleshwar	2025	3,63,000/-	3 month	Devlopment of a miniatuzed high temperature heating element for advanced engeering and research application	Instapower ltd	Ongoing
Prof. S. Neelehswar	2023	2996400/-	3 year	Disorder-induced enhancement of thermoelectric properties of a random array of SnSe quantum dots	SERB, DST	Ongoing
Prof. Rashmi Bhardwaj	February 2022 – March 2026	Rs. 16,80,900/-	February 2022 - March 2026	Development of Mathematical Modelling and Numerical Simulation of Carbon Nano Tube (CNT) based flow of Nanofluid (Nano Coolant) using Lattice Boltzmann Method	National Board of Higher Mathematics (NBHM), Department of Atomic Energy, Govt. of India	Ongoing

(c) Details of teachers awarded international fellowship for Advance Studies / Research

Name of the Faculty	**Name of the Award**	**Year of Award**	**Awarding Agency**
Prof. Rashmi Bhardwaj	Fellow of the Institute of Mathematics and Applications (FIMA), UK - membership no. P0044462 (continuing)	July 2021 onwards	Institute of Mathematics and Applications, United Kingdom
Prof. Rashmi Bhardwaj	Fellow of the Indian Society for Mathematical Modelling and Computer Simulation (FISMMACS) (continuing)	August 2021 onwards	Indian Society for Mathematical Modelling and Computer Simulation, India

Prof. Rashmi Bhardwaj	Visiting Associate - 'Development of Quantum Machine Learning for Astrophysical Real Time Data Analysis'	2023 (term 01.08.2023 - 31.07.2026); fresh term awarded for 2026-2029	Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune (UGC)

(d) List of Ph.D Scholars (Teacher-wise)

Name of the Ph.D. Scholar	**Name of Guide(s)**	**Year of Registration**	**Part Time / Full Time**
Mukesh kumar bairwa	Prof. S. Neeleshwar	2018	Full time
Anjali saini	Prof. S. Neeleshwar	2019	Full Time
Arun kumar	Prof. S. Neeleshwar	2023	Full time
Vinod kumar	Prof. S. Neeleshwar	2026	Full Time
Gunjan Goel	Prof. Ram Shankar Gupta	2022	Full time
Simarjeet Kaur Bhatia	Prof. Ram Shankar Gupta	2022	Full Time
Ankul Sharma	Prof. Ram Shankar Gupta	2026	Full time
Gourav	Prof. Ram Shankar Gupta	2026	Full time
Rohit	Prof. Ram Shankar Gupta	2026	Full time
Ms. Nidhi Yadav	Yogesh K. Tyagi	2019	Full Time
Mr. Braham Prakash	Yogesh K. Tyagi	2020	Full Time
Ms. Vaishali Prashar	Yogesh K. Tyagi	2022	Full Time
Ms. Parul Dagar	Yogesh K. Tyagi	2026	Full Time
Ms. Ria Nagar	Yogesh K. Tyagi	2026	Full Time
Shailja Pandey	Shipra Mital Gupta	2020	Full Time
Akanksha	Shipra Mital Gupta	2021	Full Time
Ms. Yugam	Prof. Shruti Aggarwal	2018	Full time
Vedanga Shiva	Dr. Anjana Bagga	2022	Full Time
Ms. Shalini Pandey	Prof. A. Datta	2021	Full Time
Venus Sharma	Prof. Satyabrata Mohapatra	2021	Full Time
Shalini Pandey	Prof. Satyabrata Mohapatra	2021	Full Time
Ms. Vinita Sangwan	Prof. Rashmi Bhardwaj	2022	Full Time
Ms. Kajal Chaudhary	Prof. Rashmi Bhardwaj	2022	Full Time
Ms. Divisha Kansal	Prof. Rashmi Bhardwaj	2023	Full Time
Ms. Ekta Lamba	Prof. Rashmi Bhardwaj	2023	Full Time
Dr. Inderjeet Yadav	Prof. Rashmi Bhardwaj	2021	Full Time Awarded
Dr. Shanky Garg	Prof. Rashmi	2020	Full Time Awarded

	Bhardwaj		
Ms. Ekta Prajapati	Prof. Rashmi Bhardwaj	2026	Full Time
Mansi Vats	Prof. Vaishali Singh	2021	Full Time
Gourav Arora	A. A. Khan	2021	Full Time
Priya	A. A. Khan	2022	Full Time
Suman	Dr. Jyoti	2024	Full Time
Jyoti Kumari	Prof. Rashmi Bhardwaj	2024	Full Time
Vinita	Prof. Vaishali Singh	2024	Full Time
Sakshi Sharma	Prof. Vaishali Singh; Prof. Satyabrata Mohapatra	2024	Full Time
Madhubala	Dr. Sushobhan Chowdhury	2024	Full Time
Himani	Dr. Leena Khanna	2024	Full Time
Debolina Roy	Prof. Gulshan Kumar	2024	Full Time
Shruti	Dr. Pooja Rana	2024	Full Time
Anita	Prof. Anindya Datta	2024	Full Time
Arpita Sharma	Prof. Rajesh Kumar	2024	Full Time
Rashmi Pawar	Prof. Abha Aggarwal	2024	Full Time
Manashvi	Dr. Arti Singh	2024	Full Time
Surbhi Sharma	Prof. Rashmi Bhardwaj	2024	Full Time
Nilesh Parmhans	Dr. Ruchika Sehgal	2024	Full Time
Riddhima Talwar	Dr. Sushobhan Chowdhury	2024	Full Time
Prerna Mahajan	Dr. Sushobhan Chowdhury	2024	Full Time
Yoshita Katiyar	Dr. Anirban Dandapat	2024	Full Time
Harshit Sharma	Prof. Shipra Mital Gupta	2024	Full Time

Pooja Yadav	Prof. Shipra Mital Gupta	2024	Full Time
Neha Saini	Prof.Shruti Aggarwal	2024	Full Time
Pooja	Prof. Shruti Aggarwal	2024	Full Time
Mohit Kumar	Prof. S. Neeleshwar	2024	Full Time
Shivam Dwivedi	Dr. Mahesh Chand	2024	Full Time
Smarika Sagar	Dr. Mahesh Chand	2024	Full Time
Sachin Kadyan	Dr. Arti Singh	2025	Full Time
Kusum	Prof. Ram Shankar Gupta	2025	Full Time
Himanshi	Prof. Ram Shankar Gupta	2025	Full Time
Khushbu Wadhwa	Prof. Shipra Mittal Gupta	2025	Full Time
Garima	Prof. Shipra Mital Gupta	2025	Full Time
Muskan	Dr. Jyoti	2025	Full Time
Nishu	Prof. Kriti Batra	2025	Full Time
Aarti Yadav	Prof. Yogesh Kr. Tyagi	2025	Full Time
Rituraj Bhattacharjee	Dr. Pooja Rana	2025	Full Time
Nikita Joshi	Dr. Anirban Dandapat	2025	Full Time
Vani Verma	Dr. Arif Ali Khan	2025	Full Time
Divya	Dr. Ruchika Sehgal	2025	Full Time
Mansi Sharma	Prof. Abha Aggarwal	2025	Full Time
Ekta Prajapati	Prof. Rashmi Bhardwaj	2025	Full Time
Ankul Sharma	Prof. R. S. Gupta	2025	Full Time
Shivani Shailpar	Dr. Deepak Tripathi	2025	Full Time
Vinod Kumar Banoth	Prof. S. Neeleshwar	2025	Full Time
Kummamuru Laxmi Haritha	Prof. Leena Khanna	2025	Full Time
Reema Haldar	Prof. Leena Khanna	2025	Full Time
Tulsi Nagar	Prof. Gulshan Kumar	2025	Full Time
Sandeep Kumar	Dr.Mahesh Chand	2025	Full Time
Parul	Prof. Yogesh k. Tyagi	2025	Full Time
Jyoti Dahiya	Prof. Gulshan Kumar	2021	Full time
Krishna Kumar	Prof. Gulshan	2022	Full time

	Kumar		
Nikita	Prof. Gulshan Kumar	2022	Full time
Shagun Singh	Prof. Gulshan Kumar	2023	Full time
Tulsi Nagar	Prof. Gulshan Kumar	2026	Full time
Ms. Priya Jha	Prof. Tapan K. Jain	2019	Full time
Ms. Sadhna Devi Kaliramna	Prof. Tapan K.Jain	2019	Full Time

(e) List of Ph.Ds awarded (Teacher-wise)

Name of the Ph.D. Scholar	Name of Guide(s)	Year of Registration	Year of Award	Part Time / Full Time
Alka Singh	Prof. Vaishali Singh	2020	2025	Full Time
Saurav Kr. Maity	Prof. Gulshan Kumar	2020	2025	Full Time
Swati Gupta	Prof. Gulshan Kumar	2017	2025	Full Time
Simrandeep Kaur	Prof. Abha Aggarwal	2021	2026	Full Time
Sweksha Srivastava	Prof. Abha Aggarwal	2019	2026	Full Time
Deepika	Prof. Rajesh Kumar	2020	2025	Full Time
Kunal	Prof. Anindya Datta	2018	2026	Full Time
Abhishek Tiwari	Prof. Shruti Aggarwal	2017	2026	Full Time
Shanky Garg	Prof. Rashmi Bhardwaj	2020	2025	Full Time
Inderjeet	Prof. Rashmi Bhardwaj	2021	2025	Full Time

(f) Details of corporate training/sessions conducted by Faculty:

Name of the Teacher	Training program name	Agency seeking training	No. of Trainees	Revenue earned

(g) Number of Research Scholars/ Post Graduate students getting Scholarship/financial assistance from the University/State/ Central Govt./Non-Govt.

Name of the Scheme	No. of students benefited	No. of students applied	Amount
Inspire fellowship, DST	1	1	37,000 per month + HRA
IP fellowship	1	1	25,000 per month

STRF	1	1	25,000 per month
IPRF	1	1	38,440 per month
IUPF	3	3	25,000 per month
CSIR-UGC-JRF	1	1	47,000 per month
IUPF	1	1	25,000 per month
IPRF-SRF	1	1	43,400 per month

(h) Provide the Following Details of Students Enrolled in your School during the Current Academic Year.

Programme Name		**No. of Students admitted under Delhi Local Category**	**No. of students admitted under Outside Delhi Category ***	**International Students**	**Total**
B.Sc. (PCM) (2025-26)	**Male**	**11**	**13**	**-**	**24**
	Female	**9**	**8**	**-**	**17**
	Transgender	**-**	**-**	**-**	**-**
Ph.D. (2025-26)	**Male**	**-**	**-**	**-**	**4**
	Female	**-**	**-**	**-**	**18**
	Transgender	**-**	**-**	**-**	**-**

**** Those students who have passed their eligibility qualification from Institute located in places other than Delhi.***

(i) Details of students admitted under PwD Category None

S.No.	**Name of the Student**	**Enrolment No.**	**Programme**	**Disability Category**
1.				
2.				

(j) Does your school identifies learning levels of the students as Slow Learner/Advanced Learner N.A.

If yes, how is that done (method used):

If yes, Does your School organize Special Program for Slow / Advance learner. Please provide details of such programs for:

Slow Learner _____

Advanced Learner _____

(k) Details of field projects / internships

Programme Name	**Programme Code**	**List of students undertaking field projects /research projects / internships**	**Link to the relevant document**	**Company Name**	**Title of Project Report**
B.Sc./M.Sc. (PCM)	491, 492, 493	Harsh Tripathi		DAIKIN AIRCONDITIONING INDIA PVT. LTD.	STUDY AND SIMULATION OF THE COMPLETE EXPORT PROCESS
B.Sc./M.Sc. (PCM)	491, 492, 493	Harsh Tripathi		DAIKIN AIRCONDITIONING INDIA PVT. LTD.	FOREIGN EXCHANGE RISK MANAGEMENT AND PAYMENT TERMS IN EXPORT BUSINESS: *A Study on Their Effect on Export Profitability and Financial Risk*
B.Sc./M.Sc. (PCM)	491, 492, 493	Jaskiran Kaur Arora		AMITY UNIVERSITY, UTTAR PRADESH	Synthesis of Highly Fluorescent Nitrogen-Doped Carbon Nanomaterial
B.Sc./M.Sc. (PCM)	491, 492, 493	Gunjan		UNI 101	
B.Sc./M.Sc. (PCM)	491, 492, 493	Divya Satija		R.K. Associates	
B.Sc./M.Sc. (PCM)	491, 492, 493	Aryan Aggarwal		C & S Electric	
B.Sc./M.Sc. (PCM)	491, 492, 493	SAKSHI		PROF VAISHALI SINGH	STUDY OF BAND GAP OF SYNTHESIS SILICA GEL AND ITS VARIATION UPON DOPING WITH NI2+
B.Sc./M.Sc. (PCM)	491, 492, 493	VANSHIKA		PROF SATYABRATA MOHAPATRA	NEW DELHI GLOBAL YOUTH SUMMIT

B.Sc./M.Sc. (PCM)	491, 492, 493	ABHISHEK		DR. ARIF ALI KHAN	LEARNING OF LAB EQUIPMENTS AND DEALING WITH AIR SENSITIVE COMPOUNDS
B.Sc./M.Sc. (PCM)	491, 492, 493	JERIN JOSE		PROF. ANU VENUGOPALAN	EASY AND HARD PROBLEMS AND WHY THEY MATTER: EXPLORING COMPLEXITY CLASSES AND WHY WE NEED QUANTUM COMPUTATION
B.Sc./M.Sc. (PCM)	491, 492, 493	ADITI		PROF VAISHALI SINGH	STUDY OF BAND GAP OF SYNTHESIS SILICA GEL AND ITS VARIATION UPON DOPING WITH MG2+
B.Sc./M.Sc. (PCM)	491, 492, 493	GUNJAN		PROF R S GUPTA	DIFFERENTIAL GEOMETRY: CURVES
B.Sc./M.Sc. (PCM)	491, 492, 493	ARYAN		PROF. ANU VENUGOPALAN	KEEPING SECRETS: EXPLORING CONCEPTS IN CLASSICAL CRYPTOGRAPHY AND WHY WE NEED TO GO THE QUANTUM WAY
B.Sc./M.Sc. (PCM)	491, 492, 493	CHAKSHIKA		PROF LEENA KHANNA	STUDY OF SEPARATION TECHNIQUES AND DIELS-ALDER REACTION
B.Sc./M.Sc. (PCM)	491, 492, 493	YASHIKA		PROF. RASHMI BHARDWAJ	PRINCIPAL COMPONENT ANALYSIS : MULTIVARIATE ANALYSIS OF FINANCIAL

					BEHAVIOUR ACROSS DIFFERENT CITIES
B.Sc./M.Sc. (PCM)	491, 492, 493	VANSHIKA		DR. ARIF ALI KHAN	LEARNING OF LAB EQUIPMENTS AND DEALING WITH AIR SENSITIVE COMPOUNDS

(m) Details of School's engagement in community services and social resposnsibility Programmes / Projects / activities. None

Name of the Programmes / Projects / activities	Name of scheme	Duration & Period	No. of students involved	Details of Faculty involved

(n) No. of students appeared / qualifying in state / National / International level examination :

Students' Progression Examination	Year of Exam	No. of students Appeared	No. of students Qualified
NET			
SLET			
GATE			
GMAT			
CAT			
GRE			
TOFEL			
All India Central Civil Services exam			
State Public Services examination			
Any Other			

8. Details of Alumni Association, Activities & Contribution

Year of Registration & Registration No.	Details of Current Office barriers	Engagement Activities undertaken	Donation or specific contribution during the year
	Mr. Mukesh Kumar	**NIL**	**NIL**

9. Does your school has vision and mission statement? Give details.

Vision

Basic sciences lie at the heart of technical and applied sciences and represent the bedrock on which they firmly stand. Physics, chemistry and mathematics form the backbone of science and technical education.

The ethos of USBAS is to nurture a platform where there is plenty of scope for excellence in teaching basic and applied science both at the undergraduate and postgraduate levels as well as support an ambiance for world class research.

Mission

To ensure that our research programmes combine the best of both fundamental and applied sciences. To expand our existing base in areas of theoretical physics, foundations of quantum mechanics, quantum information, solar photovoltaics, renewable energy, nanomaterials, thermoelectrics, differential geometry, fuzzy logic, non linear dynamics, applied mathematics, multifunctional materials, ion beam technology, mesoscopic condensed matter physics, quantum heterostructures, medicinal and natural products chemistry, photocatalysis, drug delivery and nanocomposites, to name a few.

To offer innovative and world class teaching programmes propelled by the expertise of our highly experienced and competent faculty.

10. (a) Details of Faculty who availed financial support for attending conferences / workshops / membership of professional bodies etc.

Name of the teacher	**Name of conference / workshop / Professional Body**	**Amount sanctioned**	**Month/Year**
Prof. Rashmi Bhardwaj	Analytics Global Conference 2026, Kolkata ASI Kolkata Chapter	Rs 55,463	2026
Prof. Vaishali Singh	International Conference on Nanostructured Materials and Nanocomposites; Mahatma Gandhi University, Kottayam, Kerala	Rs. 61,294	September 2025

(b) Percentage of full time Faculty who received awards, recognition, fellowships at State, National, International level from Government, Non-Govt. recognized bodies during the academic year. (Full Time means regular and contracts both)

Year of award	**Name of full time Faculty receiving awards from state level, national level, international level**	**Name of the award, fellowship, received from Government or recognized bodies**
2026	Prof. Rashmi Bhardwaj	First Position in Research Track, Analytics Global Conference 2026 (13-14 March 2026, Kolkata) - Appreciation Certificate with cash prize of Rs. 10,000/-

11. Publications of the School : (with details of frequency of publication, indexing and mode – online or print) **N.A.**

Journals:

Newsletter:

Magazines:

12. Areas of Concern:

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13. Overall Observations and Recommendations

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(_____)
Name & Signature:

(_____)
Name & Signature:

(_____)
Name & Signature:

(_____)
Name & Signature:

Note : *May add additional sheet/s, if required.*