

ANNUAL REPORT (Session 2022-23)

KLDAV(PG)College, Roorkee

1. Vision & Mission of the College

The mission statement of the college is highlighted in its logo taken from Ishopnishad 'Vidya Mritmusnute', which implies that immortality is achieved through knowledge. Its vision is to disseminate knowledge amongst the students for the development of their cognitive, affective and psychomotor domains through various scholastic and co-scholastic activities. Our college internalises the responsibility of the fact that education is one of the strongest tools that that can be used for the progress of the humankind. It envisions to provide quality and excellence in education so that all students get an opportunity to realise their hidden potentials. It encourages the learners to strive for excellence as well as take cognizance of gender equality, inclusion and develop sensitivity towards the society. The college fosters student empowerment and unity in diversity. Further, it promotes peace and universal brotherhood. It inculcates critical thinking, innovative practices and sustainability through teaching learning process so as to create enlightened citizens and good human beings.

2. Academic Courses

For session 2022-23, admissions were offered in the following courses-

B.Sc. Mathematics Group: Physics, Chemistry, Mathematics
: Physics, Computer, Mathematics

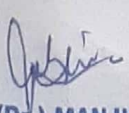
B.Sc. Biology Group: Zoology, Botany, Chemistry
: Zoology, Botany, Microbiology

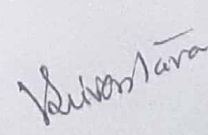
M.Sc.-
Mathematics
Chemistry
Zoology
Botany
Physics

3. NCC

NCC cadets participated in the following events during the session 2022-23-

S.No.	Event	No. of cadets
1.	National Unity Day rally	30
2.	Blood donation camp	03
3.	Thal Sena camp 2023	04
4.	All India Girls Trekking camp	06
5.	All India Boys Trekking camp	05
6.	Puneet Sagar Abhiyan	30
7.	Army Attachment Camp (SWs)	05
8.	Indian Military Academy Attachment Camp	01


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9.	Military Hospital Attachment Camp	05
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S.No.	Award	No. of Cadets
1.	Cadet Welfare Society Best Cadet Award	02

4. NSS

NSS cadets participated in the following events during the session 2022-23-

S.No.	Activities	Date
1.	NSS Foundation Day	24/09/22
2.	Clean India Campaign (Gandhi Jayanti)	02/10/22
3.	Uttarakhand Foundation Day	09/10/22
4.	Krishi Diwas (Deworming Day)	14/10/22
5.	Plastic Mukh Bharat Abhiyan	19/10/22
6.	Fit India Run	20/10/22
7.	AIDS Day (Quiz)	01/12/22
8.	Oath Ceremony for Following Traffic Rules	09/12/22
9.	Speech Competition on Girl Child Day	24/01/23
10.	Mataadikaar Diwas (Oath)	25/01/23
11.	Republic Day	26/01/23
12.	Poster Competition/ Lecture on Rashtriya Yuva Diwas	28/01/23
13.	Cancer Day (Awareness through slogans)	04/02/23
14.	Tree plantation	23/02/23

5. Cultural Activities

S.No.	Activities/ Event	Date
1.	Independence Day	15/08/22
2.	Gandhi Jayanti	02/10/22
3.	Annual Function	26/05/23
4.	Essay Writing Competition	08/05/23
5.	Self- Composed Poetry Competition	08/05/23
6.	Debate Competition	09/05/23
7.	Poster making Competition	09/05/23
8.	Rangoli Competition	10/05/23
9.	Best Out of Waste Competition	10/05/23
10.	Mehendi Competition	11/05/23
11.	Singing Competition	11/05/23
12.	Talent Hunt Competition	12/05/23
13.	Dance Competition	13/05/23

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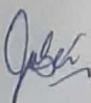
Heivastara

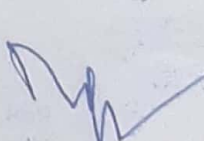
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5. Sports


The results of various events that took place in sports meet are as follows-

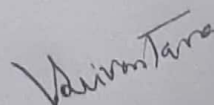
S.N.	Activity	Name	Class	Position
1.	100 M (Race)(Girls)	Aarti	B.Sc. I Sem	1st Position
		Anjali Nautiyal	B.Sc. IYr	2 Position
2.	100 M (Race)(Boys)	Vishal	B.Sc. I Sem	1st Position
		Neeraj Singh	B.Sc. II Yr	2nd Position
3.	200 M (Race)(Girls)	Akarti	B.Sc. II yr	1st Position
		Pooja Rathi	B.Ed. I Yr	2nd Position
4.	200 M (Race)(Boys)	Abhishek Kharab	B.Sc. II yr.	1st Position
		Neeraj Singh	B.Sc. II Yr	2nd Position
5.	400 M (Race)(Girls)	Anjali Nautiyal	B.Sc. II yr	1st Position
		Pooja Rathi	B.Ed. I Yr	2nd Position
6.	400 M (Race)(Boys)	Aman Saini	B.Sc. Ist Sem.	1st Position
		Nikhil Rana	B.Sc. II Yr	2nd Position
7.	800 M (Race)(Girls)	Anjali Nautiyal	B.Sc. II yr	1st Position
		Akarti	B.Sc. II yr	2nd Position
8.	800 M (Race)(Boys)	Neeraj Singh	B.Sc. IYr	1st Position
		Shiva Singh	B.Sc. III Yr	2nd Position
9.	Long Jump (Girls)	Anjali Nautiyal	B.Sc. II yr	1st Position
		Aarti	B.Sc. I yr	2nd Position
10.	Long Jump (Boys)	Abhishek Kharab	B.Sc. II yr	1st Position
		Aman Saini	B.Sc. I yr	2nd Position
11.	Shot Put (Girls)	Aarti	B.Sc. I yr	1st Position
		Aarti	B.Ed. I Yr	2nd Position
12.	Shot Put (Boys)	Adarsh	B.Sc. I yr	1st Position
		Akash	B.Sc. III yr	IIInd Position

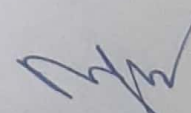

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13.	Javelin Throw (Girls)	Aarti	B.Sc. I yr	Ist Position
		Anjali Nautiyal	B.Sc. II yr	IIInd Position
14.	Javelin Throw (Boys)	Ankush Saini	B.Sc. II yr	Ist Position
		Dalveer Singh	B.Sc. I yr	IIInd Position
15.	Discuss Throw (Girls)	Aarti	B.Sc. I yr	Ist Position
		Priyanshi Saini	B.Sc. II yr	IIInd Position
16.	Discuss Throw (Boys)	Kalam Singh Rawat	B.Ed. I yr	Ist Position
		Gaurav	B.Sc. II yr	IIInd Position
17.	Relay Race (Girls)	Aarti	B.Sc. I yr	I Position
		Rao Sadaf	B.Sc. I yr	
		Gretal	B.Sc. II yr	
		Sanskriti	B.Sc. I yr	
		Mansi	B.Sc. II yr	2nd Position
		Vidhi	B.Sc. II Yr	
		Unnati	B.Sc. II Yr	
		Isha	B.Sc. II Yr	
18.	Relay Race (Boys)	Abhishek Kharab	B.Sc. II yr	1 Position
		Neeraj Singh	B.Sc. II yr	
		Ashish,	B.Ed. I yr	
		Sunriy	B.Sc. II yr	
		Akash Saini	B.Sc. III Yr	2 Position
		Vipul	B.Sc. III Yr	
		Ankush	B.Sc. III Yr	
		Abhishik	B.Sc. III Yr	
19.	Badminton Girls	Mahima	M.Sc. III sem	Ist Position
		Vidhya	B.Ed. I Yr	II Position
20.	Badminton Boys	Vansh Saini	B.Sc. II Sem	I Position


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		Gurmit Saini	B.Ed. IIYr	II Position
21.	Badminton Doubles	Adarsh	B.Sc. IYr	Ist Position
		Ankit	M.Sc.II Sem	
		Vansh Saini	B.Sc.II Sem	II Position
		Punkit Saini	B.Sc.II Yr	
22.	Chess	Tanya Garg	M.Sc. I Sem	I Position
		Akhilesh Singh	B.Sc.IIISem	II Position
23.	Volleyball	Team A		I Position
		Team B		II Position
24.	Kho-Kho	Team A		I Position
		Team B		II Position
25.	Kabaddi	B.Sc. I Sem		II Position
		B.Sc. Other Sem		I Position
26.	Cricket	B.Sc. II Sem		I Position
		B.Sc. III Sem		II Position

6. Departments

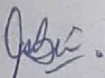
The various departments carry out their departmental activities under the abled leadership of the Principal, Dr. M.P. Singh

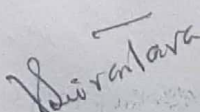
B.Ed. Department

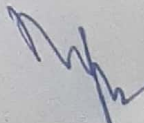
Faculty members

S.No.	Faculty	Designation
1.	Dr. Purnima Srivastava	Professor
2.	Dr. Megha Juyal	Assistant Professor
3.	Dr. Manoj Kumar Sharma	Assistant Professor
4.	Dr. Ambika Bhatt	Assistant Professor
5.	Dr. Monu Ram	Assistant Professor

Departmental Activities and Achievements


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 Dr. Purnima Srivastava

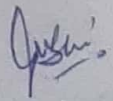

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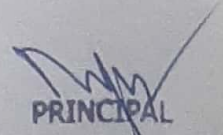
S.No.	Activity	Date	Class
1.	Yoga camp	13/09/22- 24/09/22	B.Ed. IV sem
2.	Poetic expression	13/09/22, 14/09/22	B.Ed. IV sem
3.	Pre- Internship Programme	25/08/22-10/09/22	B.Ed. I year
4.	Debate competition	02/01/23	B.Ed. I year
5.	Skit Presentation	04/01/23	B.Ed. I year
6.	Educational Fete and Fair	01/03/23	B.Ed. I year
7.	Educational trip to Lansdowne	28/04/23	B.Ed. I year
8.	Yoga Camp	01/05/23-12/05/23	B.Ed. I year
9.	Cyber Crime Awareness Programme	30/04/23	B.Ed. I year
10.	Workshop on Article Writing	23/05/23- 27/05/23	B.Ed. I year
11.	Induction Programme	13/12/23	B.Ed. I year
12.	Cultural programme	31/12/23	B.Ed. I year
13.	Azadi ka Amrit mahotsav	26/01./23	B.Ed. I year
14.	Student Council election	31/01/23	B.Ed. I year
15.	Guest lecture on Implementation of NEP 2020 in School Education	04/03/23	B.Ed. I year
16.	Group discussion	20/03/23-21/03/23	B.Ed. I year

Dr. Purnima Srivastava

Publications

1. Srivastava P. "Burnout Tendency of Female Primary School Teachers with reference to their level of Education and type of Community where they have taught" published in Quest Journal of Research in Humanities and social Sciences, online Volume 11 issue 2 , 2023 pp 231-235. A Peer reviewed and Refereed Journal, ISSN 2321-9467. <https://questjournals.org/jrhss/papers/vol11-issue2/1102231235.pdf>
2. Srivastava P, "Prediction of Burnout Tendency of female Primary School Teachers" Published in Journal of Contemporary educational research and Innovations, Vol 13 no 2, pp 35-41 March 2023. A Peer reviewed and Refereed Journal. ISSN 2249-9636 (Online) <https://www.jceri.com/abstract2.php>
3. Srivastava P "Revamping Education for Sustainable Development: A Vision for New Future," published in 'Resent Educational and Psychological Researches-An International Refereed & Blind Peer Reviewed Research Journal, Issue 1, Volume 12, Jan, Feb, March, 2023, ISSN No-2278-5949., pp 39-43
4. Srivastava P," Innovations in Educational Practices- An Overview" published in The Research Dialogue an Online Multidisciplinary Peer reviewed Refereed Journal ,ISSN No 2583- 438X , Vol 2, Issue 1 April 2023 pp 1-9. <https://theresearchdialogue.com/wp-content/uploads/2023/05/01-Dr.-Purnima.pdf>
5. Dr. Purnima Srivastava, "Importance of Craft in Reconstructing Education: A Holistic Approach", International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-


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2882, Volume.11, Issue 5, pp.16-113, May 2023, Available at
:http://www.ijcrt.org/papers/IJCRT23A5313.pdf DOI
<http://doi.org/10.1729/Journal.34546>

Chapters in Books

1. Srivastava P, Educational Counselling is the need of the hour- with reference to NEP 2020, Published in Edited book Guidance & Counselling; NEP 2020, ISBN No 9788195648269,, PP 35-44 Well Press Publication Roorkee, March 2023
2. Srivastava P & Ambika Bhatt, Transactional Theory of Leadership; A True Managerial Style of Leadership, Published in an Edited book Educational, Administration, Management and Leadership. ISBN No- 978-93-91654-08-5, PP 119-128, EZ Education Noīda, Uttar Pradesh
3. Srivastava P, Historical Perspective of Microteaching- An Overview, Published in an Edited book Title Micro Teaching and Teaching Skill ISBN No-978-1-312-55918-9, PP 15-26, Red Shine Publication London.

Conferences/ Workshops/ Seminars-

1. Presented paper title Education for Sustainable Development tin National Seminar on Impact of Digital Media on Education Organized by Methodist girls PG College Roorkee on 24 & 25 February 2023.
2. Key Speaker in the International Level Seminar Theme Vashwik Paridrishay me Shiksha, Sahitya Sanskriti aur Samaj ki Bhumika" on 3 & 4 April 2023 at Kendriy Hindi Vibhag Tribhuwan University Kathmandu Nepal. Topic – Innovation in Education and Innovative Teacher in Global Perspective.

Dr. Megha Juyal


Conferences/ Workshops/ Seminar/FDPs-


1. Presented paper titled 'Digitalisation in Education in India' in National Seminar on Impact of Digital Media on Education Organized by Methodist girls PG College Roorkee on 24 & 25 February 2023.
2. Participated in oneweek online Faculty Development Programme on 'How to Create your own MOOCs' from 21-27 November 2022

Chapters in Edited book

1. Juyal,M.(2022).Role of Education in achieving the Sustainable Development Goals (SDGs)' in Changing Dimensions and Emerging Issues in Environmental Law. pp 225-236. ISBN 978-81-956482-5-2. Well Press Publications.
2. Juyal,M.(2023). New Millennium Counselling: Cyber Counselling in Guidance and Counselling. pp101-112. DOI:10.5281/zenodo.7889171 ISBN 9788195648269. Well Press Publications.

Publications


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1. Juyal, M. (2023). Perspectives of Preservice Teachers on Inclusive Education in Secondary Schools in online quarterly multi- disciplinary peer reviewed referred journal The Research Dialogue ISSN 2583-438X Vol 01 issue 04,

Dr. Manoj Kumar Sharma

Seminar/Conferences Paper Presentation

S. No	Name of the Conferences/ Seminars/ Workshops	Name of the Organising Dept./College/ Institute	Date	Durati -on in Days	Paper Presented /Attended	Title of the Paper/Article
1	International Conference on "Role of Education, Literature, Culture and Society in the Global Scenario".	Tribhuvan University, Kathmandu, Nepal	April 3-4, 2023	Two Days	Presentati on	Managing Stress in Changing Social Scenario

Resource Person/Subject Expert

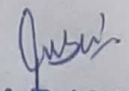
SN	Programme	Organizer/s	Date	Role	Topic/Event
1.	DRG Mathematics	DIET, Roorkee	Sept. 13-14, 2022	Subject Expert	Pedagogical Methods in Mathematics
2.	STC/FDP on NEP 2020: Quality Research Methods & Techniques	UGC-HRDC, JNV University, Jodhpur, Rajasthan	Feb., 22-28, 2023	Resourc e Person	Sampling Concepts, Types and Procedure
3.	STC/FDP on NEP 2020: Quality Research Methods & Techniques	UGC-HRDC, JNV University, Jodhpur, Rajasthan	Feb., 22-28, 2023	Resourc e Person	Development of Research Tools

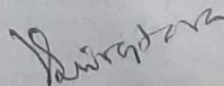
FDP/STC/Refresher attended

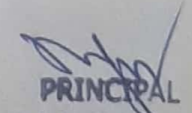
S N	Programme	Organizer/s	Date
1.	Refresher Course on "Managing Online Classes and Co-creating MOOCs".	TLC, Ramanujan College, DU, Delhi	June 6-20, 2023

Publications: Papers/articles

S. No.	Title of the Paper/Article	Journal/ Edit. Book/Proceeds.	Date/ Mnth/Yr	ISSN/ ISBN	Vol., No./	Page No.
1.	Research References through Mendeley	Edited Book: Education, Research and Development	Feb. 2023	978-81-19-	First	34-44


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				07000-8		
2.	NEP 2020: Bring New Counselling Elements	Edited Book: Guidance and Counselling: NEP 2020	March, 2023	9788195648269	First	21-28

Books/Edited Books Authored

Sr. No.	Title	Publisher	Month & Year (Author/Editor)	ISBN No.
1.	Guidance and Counselling: NEP 2020	Well Press Publications, Roorkee	March 2023 (1 st Edition) (Editor)	ISBN-9788195648269

Dr. Ambika Bhatt

Chapters in Books

1. Srivastava P & Ambika Bhatt, Transactional Theory of Leadership; A True Managerial Style of Leadership, Published in an Edited book Educational, Administration, Management and Leadership. ISBN No- 978-93-91654-08-5, PP 119-128, EZ Education Noida, Uttar Pradesh.

Conferences/ Workshops/ Seminars/ FDP-

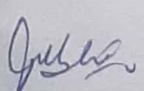
1. Presented paper title Education for Sustainable Development in National Seminar on Impact of Digital Media on Education Organized by Methodist girls PG College Roorkee on 24 & 25 February 2023.
2. Attended one week online national faculty development programme on e- Resource Development from 13th to 17th February 2023

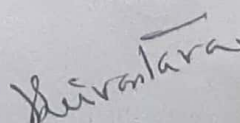
Dr. Monu Ram

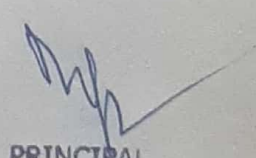
Conferences/ Workshops/ Seminars/FDPs-

S N	Programme	Organizer/s	Date
1.	Refresher Course on "Managing Online Classes and Co-creating MOOCs".	TLC, Ramanujan College, DU, Delhi	June 6-20, 2023

Chapter in Edited Book


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S.No.	Title of the book/chapters published	Title of the paper	National/ international	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1.	कोरोना काल में शिक्षा एवं समाज	कोविड-19 का अधिगम पर प्रभाव	International	2022	ISBN 978-90-83-202-61-7	Acumen Publishers Amerikalaan 711,3526 VZ, Utrecht, The Netherland
2.	निर्देशन एवं परामर्श: किशोरावस्था	Guidance & Counseling NEP2020	National	2023	ISBN 978-81-956482-6-9	Well Press Publication 787, Lane9, East Shiv Puram, Roorkee- 247667.

Publications

S.No.	Title of paper	Name of journal	Year of publication	ISSN number
1.	Traditional to Inclusive Practices: A New Paradigm Shift	Printing Area Issue-92, Vol-03, August2022 Peer Reviewed International Multilingual Research Journal	2022	2394-5303

Botany Department

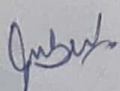
Faculty members

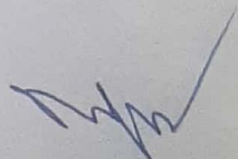
S.No.	Faculty	Designation
1.	Dr. Manjul Dhiman	Professor
2.	Dr. Kiran Bharti	Assistant Professor

Departmental Activities and Achievements

Dr. Manjul Dhiman

Research Scholars-

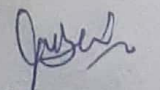

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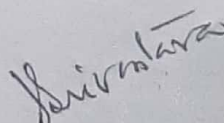

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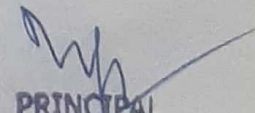
S No	Name of Research Scholar	Title of Thesis	Year of Registration	Year of Submission	Award year
1.	Mushtaq Ahmed	Floristic Diversity and Population Structure of Keystone species of some sacred groves of Rajouri District, Jammu and Kashmir	2017	2023	
2.	Jaya Chandola	In vitro culture studies and biological hardening of Hippophae salicifolia D.Don: an endangered medicinal plant of Uttarakhand	2017	2023	
3.	Umama Khan	Structure composition and carbon stock assessment of major forest communities along fringe areas of Doon valley	2020	-	
4.	Satya Raj Singh	Gymnosperm flora of Uttarakhand	2023	-	

Publications

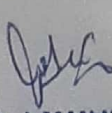
S No	Title of paper	Name of the author/s	Name of journal	Year of publication
1.	Extension in distribution range of rare genus <i>Iphigenia</i> in Peer Panjal range of Jammu & Kashmir, Himalaya.	Ahmed M, Chauhan P S, Ahmed S and Dhiman M (2022).	Asian J Plant Soil Sci. 7(1):273-276.	2022
2.	Orchid flora of Rajouri district of Peer Panjal Himalayas of Jammu and Kashmir, India.		Richardiana. 6:30-35.	2022

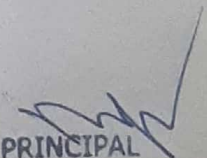

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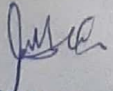

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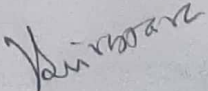
	Vascular macrophytic flora of Peer Panjal Himalaya of Jammu and Kashmir, India.	Ahmed M, Ahmed, S and Dhiman M (2022)	Indian J Plant Sci. 11:52-57	2022
3.	<i>Crepidium acuminatum</i> (Orchidaceae): a threatened orchid as new record to the flora of Jammu and Kashmir, India.	Ahmed M and Dhiman M (2022)	Richardiana. 6:86-91	2022
4.	<i>Begonia dioica</i> Buch. Ham. Ex D. Don, Prodr. (Begoniaceae): a new angiospermic record for the flora of Jammu and Kashmir, India.	Ahmed M and Dhiman M (2022).		2022
	Time to safeguard Indian Ephedra: The Soma Plant.			2022
5.	Extension in distribution range of 11 flowering plants in Peer Panjal range of lesser Himalayas of Jammu Province, Jammu and Kashmir.		Int. J. Bot. Studies. 7(2): 374-377. ISSN 2455-541X	2022
6.		Ahmed M, Dhiman M and Shah, M (2022)	ENVIS Bulletin Himalayan Ecology. 30:110-113.	2022
7.	<i>Richardia scabra</i> L. (Rubiaceae): A new angiospermic record for the flora of Western Himalaya, India..	Sharma V, Ahmed M and Dhiman, M (2022).	Ann. Plant Sciences. 11(10):5367-5379. DOI. http://dx.doi.org/10.21746/aps.2022.11.10.1 .	2022
	<i>Nervilia mackinnonii</i> (Duthie) Schltr. (Orchidaceae): A new threatened orchid record from Jammu and Kashmir, India.	Ahmed M and Dhiman M (2022).	Nelumbo. 64(2):233-235. http://dx.doi.org/10.20324/nelumbo%2Fv64%2F2022%2F168349 ISSN 0976-5069	2022
8.	Sacred groves: the gene banks of threatened and ethnomedicinal			


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<p>flora associated taboos and role in biodiversity conservation in the Peer Panjal range of north western Himalayas, India.</p>	<p>Ahmed M, Dhiman M, Bagri AS (2022).</p>	<p>Nelumbo. 64(2):236-238. http://dx.doi.org/10.20324/nelumbo%2Fv64%2F2022%2F168851 ISSN 0976-5069</p>	<p>2022</p>
<p>9. <i>Cyrtosia falconeri</i> (Hook. F.) Aver. (Orchidaceae): an addition to the flora of Jammu & Kashmir, India.</p>		<p>Ecological Questions. 34:43-53 http://dx.doi.org/10.12775/EQ.2030.030</p>	<p>2023</p>
<p>10. Nucleus model of sacred groves (sacred groves: the nuclei of biodiversity cells) traditional beliefs, myths, associated anthropogenic threats and possible measures of conservation in Western most regions of lesser Himalayas, India.</p>	<p>Ahmed M, Bagri AS, Dhiman M 2022</p>	<p>J. Threatened Taxa. 15(3): 22916-22919. http://doi.org/10.11609/jott.7917.15-3 ISSN 0974-7907</p>	<p>2023</p>
	<p>Ahmed M, Sharma V, and Dhiman M 2023.</p>	<p>Acta Ecologica sinica. Xxx(xxxx)xxx. DOI http://doi.org/10.1016/j.chnaes.2023.05.002</p>	<p>2023</p>
	<p>Ahmed M and Dhiman M 2023</p>		<p>2023</p>
	<p>Ahmed M and Dhiman M 2023</p>		


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Lectures delivered-

1. Resource person in DRG Science workshop in DIET, Roorkee on 08-02-2022.
2. Delivered an invited talk in national Symposium on Recent advances in Environmental Science organized by Roorkee Degree College, Roorkee on 28-02-2023.
3. Resource person in DRG Science workshop in DIET, Roorkee on 08-08-2023.

As judge-

1. Participated as Penal Judges in District label Science Seminar organized by SCERT UK held at Atal utkrisht G I C, Roorkee on 28-08-2023.
2. Participated as Penal Judges in Uttarakhand State label Science Festival -2023 organized by SCERT UK held at Atal utkrisht G I C, Roorkee on 30-11-2023

Conferences/ Workshops/ Seminars-

1. Presented Research Paper in International Conference on Environment and Human Health: Global Issues organized by the Department of Botany and Microbiology, Gurukul kangri University, Haridwar on 7-8 December, 2022.
2. Attended International Workshop on Bioinformatics organized by Department of Human Physiology, Holy Cross College, Agartala on 08-05-2023.

Dr. Kiran Bharti


Chapter in Edited Book

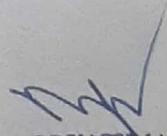
1. Neha Pandey, Kiran Bharti, Neelam Diwan The Role of Plant hormones in Mediating te Plant Insect Interaction in Planta vol6, 1227-1229, 2023
2. Kiran Bharti Neha Pandey, Neelam Diwan Insect Plant Interactions: The Role of Phytochemicals in Planta Vol6 , 2023, 1230-1232

Chemistry Department

Faculty members

S.No.	Faculty	Designation
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1.	Dr. Tanveer Alam	Associate Professor
2.	Dr. Arsi Rastoi	Professor
3.	Dr. Naveen Kumar	Associate Professor

Departmental Activities and Achievement

Dr. Tanveer Alam

Publications

1. Murtaza Gani, Tanveer Alam, 'Biological Activity of the Indigenous Fruits and Vegetables of Indian Himalayan Regions' in International Journal of Pharmaceutical Sciences and Research, 2022; Vol. 13(7): 2697-2702 1. (I.F.=0.604) ISSN: 0975-8232(e), 2320-5148(p)

[http://dx.doi.org/10.13040/ijpsr.0975-8232.13\(7\)](http://dx.doi.org/10.13040/ijpsr.0975-8232.13(7)).

2. Murtaza Gani, Tanveer Alam, Rukhsana Rahman and Khalid ul Islam Rather "LCMS Study of the Indigenous Fruits and Vegetables of Indian Himalyan Region" Carpathian Journal of Science and Technology, 2023, 15(2), 180-191. ISSN- L 2066-6845 (I.F. = 0.438)

<https://doi.org/10.3402/crpjfst/2023.15.2.16>

Research Scholar

1.. Bhanja Kishore Khuntia, "Synthesis and Characterization of Iron Based Nanoparticles for the Degradation of Organochlorine Pesticides" Registered on 20-03-2014 with registration number SC-15237 in H.N.B. Garhwal University Srinagar, Garhwal.

The Ph.D. Degree Awarded in 2022.


Conferences/ Seminar/Worksops/ FDPs

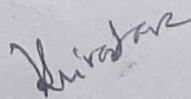
1.Presented a Research Paper entitled "Proximate Composition, Mineral Analysis and Antioxidant Capacity of Indigenous Fruits and Vegetables from Temperate Region of Indian Himalayas" in International Halich Congress, Istanbul, Turkiye held on March 12-13 2022.

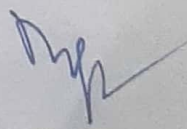
2. Delivered a Lecture "Ramans Fascination With Light Scattering" in National Symposium on Recent Advances in Environmental Science held on ocaasion of National Science Day, February 28 2023 organised by Roorkee Degree College, Roorkee.

Dr. Arshi Rastogi


Chapters in Edited Book

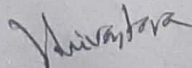

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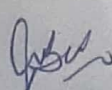

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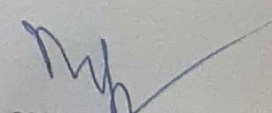
S.No.	Title of the book/chapters published	National/ international	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher	Relevant Link
1.	Chapter titled "Biochar : An Effective and Green Adsorbent for Hazardous Pollutants" Chapter 10, 147-155, 2023 In Book Titled "Novel aspects on chemistry and biochemistry Vol.2"	International	2023	Print ISBN: 978-19217-88-5, E book ISBN: 978-81-19217-89-2	Publisher : BP International	https://doi.org/10.9734/bpi/nac/v2/5819C
2.	Chapter titled "Adsorption of Toxic heavy metal ion using algal biomass: A promising green approach" Chapter 23, 200-208, 2023 In Book Titled "Ecosystem and Human Well-being"	National	2023	ISBN: 978-93-95669-22-1	JTS Publications, Delhi	
3.	Chapter titled "Heavy metal remediation utilizing microalgae" Chapter 10, 93-103, 2023 In Book Titled "Multidisciplinary Research and Approach (Past,	National	2023	ISBN : 978-93-92239-70-0	P.K. Publishers, Delhi	


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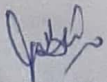
	Present, and Future)”)					
4.	Chapter titled “Phycoremediation : A green and self-sustainable dye abatement method” Chapter 22, 203-210, 2023 In Book Titled “Biodiversity and Environment conservation”	National	2023	ISBN: 978-93-95669-68-9	JTS Publications, Delhi	
5.	Chapter titled “NANO - In the context of everyday life” Chapter 8, 68-77, 2023 DOI:10.25215/918976420X In Book Titled “Current Trends and Issues in Education”	International	2023	ISBN: 978-91-89764-20-0 ISBN-10:91-89764-20-X	Redshine Publication Sweden	DOI:10.25215/918976420X
6.	Chapter titled “Algae: A potential source of Biofuel” Chapter 8, 87-98, 2023 In Book Titled “Sustainable Environment & Applied Science”	International	2023	ISBN: 978-1-80433-961-9	Rubicon Publication, Bloomsbury Square, London, WCIA 2RP England	
7.	Chapter titled “Approaches for remediation of fluoride contamination in water” ..Chapter 13,169-178, 2023 In Book Titled “Green Chemistry	National	2023	ISBN: 978-93-91435-55-4	Sanskalp Prakashan, Kanpur, India	

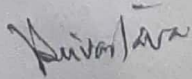

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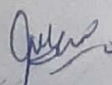
Publications

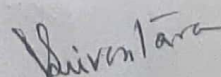
S. N o.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1.	"Adsorption Performance and Reuse Potential of a Green Alga for the Removal of an Acidic dye from Synthetic Wastewater"	Dr Surabhi Sagar and Dr Arshi Rastogi	Asian Journal of Research in Chemistry	15(5) 319-326 (2022) Accepted on 04-08-2022	0974-4169 (Print) 0974-4150 (Online)	https://www.ajrconline.org/AbstractView.aspx?PID=2022-15-5-3 doi: 10.52711/0974-4150.2022.00057
2.	"To study the Influence of various operating parameters and pre-treatment of the bioadsorbent, yellow green alga, for the removal of Alizarin dye"	Dr Surabhi Sagar and Dr Arshi Rastogi	Journal of Emerging Technologies and Innovative Research	9(10) a591-a601(2022) Published in October 2022	2349-5162 (Online)	https://www.jetir.org/papers/JETIR2210080.pdf
3.	"Kinetic, Thermodynamic, and Equilibrium studies on the adsorption of Anthraquinone dye onto <i>Vaucheria</i> sp. from synthetic solution"	Dr Surabhi Sagar and Dr Arshi Rastogi	Journal of Emerging Technologies and Innovative Research	9(11) f216-f226 (2022) Published in November 2022	2349-5162 (Online)	Available : http://www.jetir.org/papers/JETIR2211529.pdf
4.	"To study pretreatment and the impact of key operating factors for the adsorption of anthraquinone dye"	Dr Surabhi Sagar and Dr Arshi Rastogi	International Journal of Chemical studies	11(1) 31-37 (2023) Accepted: 19-11-2022	P- ISSN: 2349-8528, E- ISSN: 2321-4902	https://www.chemijournal.com/archives/2023/vol11issue1/PartA/

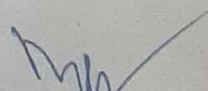

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	onto non-viable <i>Oscillatoria</i> sp.”					11-1-4-584.pdf
5.	“The equilibrium, kinetic and thermodynamic studies on the adsorptive removal of alizarin dye utilizing dead blue-green algal biomass”	Dr Surabhi Sagar and Dr Arshi Rastogi	International Journal of Chemical studies	11(2) 25-32 (2023) Accepted : 24-01-2023	P- ISSN: 2349-8528, E- ISSN: 2321-4902	https://www.chemijournal.com/archives/2023/vol11issue2/PartA/11-1-28-226.pdf
6.	“Removing dye pollutants: A review of water treatment methods and economical adsorbent”	Dr Arshi Rastogi, Dr. Ajay Kumar and Dr. Surabhi Sagar	European Chemical Bulletin	12(4), 2886-2904, (2023) Published in April 2023	ISSN: 2063-5346 Scopus indexed and UGC Care - Listed (Q3)	https://www.eurchembull.com/uploads/paper/b36d35e1a8ed57a08d57407965b7492a.pdf https://www.scopus.com/sourcoid/21100898023 https://www.eurchembull.com/abstracting-and-indexing
7.	“Spectroscopic and electrochemical investigation of Peripherally Diruthenated Complexes of Octakis .(Benzylthio) and (Methylthio)tetraazaporphrinmagnesium (II)”	Dr. Ajay Kumar, Dr. Rajeev Kumar and Dr Arshi Rastogi,	Asian Journal of Chemistry	Vol. 35 (8) 1850-1854 (2023) Accepted on :14-06-2023 Published: 31-07-2023	ISSN: 0975-427X (Online) ISSN: 0970-7077 (Print) Scopus indexed and UGC Care - Listed (Q4)	https://asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=35_8_13 https://doi.org/10.14233/ajchem.2023.27860
8.	“Adsorptive removal of hazardous cadmium metal ions from synthetic	Dr Arshi Rastogi	Asian Journal of Chemistry	Vol. 35(10) (2023)	ISSN: 0975-427X (Online)	(Accepted) https://asianjournalofchemistry.co.in/


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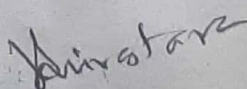
wastewater using acid-treated algal biomass <i>Vaucheria</i> sp."			Accepted on : 21 st June 2023	ISSN: 0970-7077 (Print) Scopus indexed and UGC Care - Listed (Q4)	Author/View ManuscriptStatus.aspx
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Dr. Naveen Kumar

Publications

S.No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1.	Cannabis Sativa And Its Role In Neurotransmitters - A Critical Review	Dr. Ankita Singh Dr. Ramesh Chandra Tiwari Dr. Manisha Dikshit, Dr. Ved Bhushan Sharma, Dr. Bhawana Mittal , Dr. Naveen Kumar	International Journal of Novel Research and Development	2023	2456-4184	www.ijnrd.org
2.	Antibacterial Activity of Stem Bark extract of traditionally used Terminalia bellirica (Gaerth.) Roxb	Shyam Vir Singh, Naveen Kumar, Ankita Singh, Jangwan, J.S	Universities Journal of Phytochemistry and Ayurvedic Hight	2023	0973-3507	http://ujpah.in
3.	Extraction and Dying of Eco-friendly natural dye from Lodh bark on wool fabrics and optimization of	Naveen Kumar, Shyam Vir Singh and M.C. Purohit	Universities Journal of Phytochemistry and Ayurvedic Hight	2023	0973-3507	http://ujpah.in


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procedure for dyeing using herbal mordants					
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Conferences/ Seminar/Workshops/ FDPs

1. Participated in 2 weeks online refresher course in chemistry from 12/07/22 to 25/07/22
2. Completed one week online international FDP on Modern Scientific Technologies – Ways to enhance research skills from 26/12/22 to 31/12/22

Students Achievements

1. Bhaskar Kashyap qualified NET examination June 2023 with roll number UK06020305 securing 81.50 out of 200.
2. Bhaskar Kashyap qualified GATE 2023 examination with registration number CY23S48035143 securing 40.67 out of 100 (All India Rank 670).
3. Ayushi Saini qualified GATE 2023 examination with registration number CY23S48034021 securing 24.33 out of 100 (All India Rank 4631).

Computer Department

The number of students intake for B.Sc. I semester was thirty.

Mathematics Department

Faculty members

S.No.	Faculty	Designation
1.	Dr. Shashi Tyagi	Associate Professor

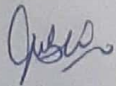
Microbiology Department

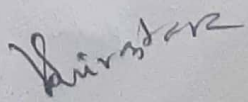
Department Activities and Achievements

Students Achievements

1. GATE qualified Ankush
2. Tayyaba Waris

S.No.	Activity	Date	Class
1.	Assignment and Power point presentation	Feb 2023	B.Sc. I Sem


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Physics Department

Faculty members

S.No.	Faculty	Designation
1.	Dr. Mithlesh Kumari	Associate Professor
2.	Dr. Vandita Srivastava	Associate Professor

Departmental Activities and Achievement

National Graduate Physics Examination (NPE) was organised by IAPT in the Physics department on 2nd Jan 2023 and topper of college, Gagan B.Sc.- I Semester received certificate from IAPT Paper in conference in 2022-23.

Dr. Mithlesh Kumari

Book

1. Electricity and Magnetism (NEP2020) JP Agarwal, M Mithlesh Kumari, Alok Srivastava PK Sharma, Third revised edition 2023, Pragati Prakashan , Meerut, ISBN 978-81-19067-90-9

Dr. Vandita Srivastava

Conferences/ Workshops/ Seminars-

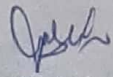
1. Oral presentation on A brief Review on Black Carbon, a Short lived climate pollutant, in the International Conference on Aerosols, Air Quality and Climate Change over Himalayan Region of Uttarakhand on 4th to 6th November 2022 at HNB Garhwal University Srinagar

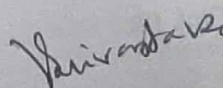
Zoology Department

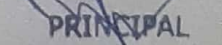
S.No.	Faculty	Designation
1.	Dr. Pooja Arora	Associate Professor

Departmental Activities and Achievements

S.No.	Activity	Date	Class
1.	Presentation	27/12/22	M.Sc. III sem
2.	Essay competition on Environmental Pollution	06/02/23	M.Sc.
3.	Excursion	10/02/23	M.Sc.


DR. POOJA ARORA
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DR. VANDITA SRIVASTAVA


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4.	Competition Presentation on Environment	25/02/23	M.Sc.
5.	Competition on Best out of Scrap sheet	07/06/23	M.Sc

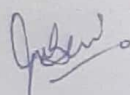
Students Achievements

CSIR- NET Sugandh Sharma rank 133

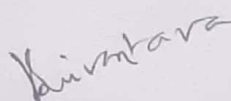
Dr. Pooja Arora

Chapter in Edited Book

1. Environmental Pollution- Problem and Solution in Ecosystem and Human Well being pp 58-65



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