

D.A.V. (P.G.) COLLEGE



ANNUAL REPORT

2020-21

Extension and Outreach Activities

➤ Total number of extension and outreach activities: 10

- ✧ A Poster Making and Slogan Writing Competition was organized by 11 UK (G) NCC Battalion of the college on the occasion of Gandhi Jayanti (02/10/2020) on the theme 'Mahatma Gandhi: My Life is My Message'.
- ✧ On the occasion of International Yoga Day, June 21, 2021, DAV (PG) College Dehradun organized an online yoga session under the banner of IQAC with keynote speaker Shri Pradeep Chandra Maithani and moderator Ujjwal Sharma, promoting the theme 'Be with Yoga, Be at Home'.
- ✧ On World Day Against Child Labour, the Mantrana Debating Society held a turncoat debate on Google Meet, discussing whether child labour is better than living in poverty.
- ✧ On National Youth Day, January 12, 2021, the college celebrated Swami Vivekanand's birth anniversary. The event was graced by the chief guest, Smt. Deepti Rawat Bhardwaj, Vice Chairperson of the Higher Education Upgradation Committee, Government of Uttarakhand.
- ✧ On National Youth Day, the college hosted a poster exhibition on the theme "Swami Vivekananda and His Values," showcasing the inspirational teachings of Swami Vivekananda.
- ✧ On National Youth Day 2021, students participated in a national-level essay competition on the theme, "Relevance of the Ideology of Swami Vivekananda in the Context of the State of Uttarakhand."
- ✧ Swachhata Pakhwada was organized from December 1 to 15, 2020, with active student participation. Students contributed by cleaning the college premises and creating awareness through posters.
- ✧ On World Environment Day, June 5, 2021, a plantation drive was led by the principal along with NCC cadets. The event also featured a poster-making competition, a Nukkad Natak, and an awareness rally to promote environmental conservation.
- ✧ Senior Under Officer, Akhil Uniyal commanded the Beating the Retreat ceremony on Republic Day and saluted the Prime Minister during the event.
- ✧ NCC cadets participated in the Independence Day parade held at the Parade Ground.

Library Development

The college library features an advanced e-governance portal called "**D-Granthalay**," designed to streamline and enhance library management and accessibility.

Total no. of books: 1,21,190

Books available: 76,384

Books issued: 44,805

Total Publisher: 5,684

Total Author: 15,295

Placements

- ✧ 13 students got placed in various government and private sectors during the academic year 2023–24.

Ph.D.

- ✧ Six students were awarded Ph.D. degrees during the academic year 2020–21.

Honours/Distinctions

- ✧ 02 students cleared UGC NET examination.
- ✧ 01 student cleared Delhi Subordinate Services.
- ✧ 03 students cleared UKPCS
- ✧ 04 students cleared the Uttarakhand Judicial Services.
- ✧ 02 students cleared UKSSSC examination.
- ✧ 01 student cleared FRI, Dehradun examination.
- ✧ Fifty-four students were given scholarship by the State Government directly into the students' bank accounts.
- ✧ Two students were given a cash amount of Rs. 4,200 under Dr. Rajeev Jain Memorial Scholarship.

Publications

✧ **Books:**

S.N.	Author	Title of book/ chapter Published	Title of paper	National/ International	Year	Name of Publisher
1.	Dr. K.R. Jain	Cost Accounting In English		National	2020-21	K.G. Publication
2.	Dr. K.R. Jain	Business Statistics		National	2020-21	Nirupam Sahitya Sadan
3.	Dr. K.R. Jain	Financial Accounting		National	2020-21	K.G. Publication
4.	Dr. K.R. Jain	Cost Accounting In Hindi		National	2020-21	K.G. Publication
5.	Dr.Reena Verma	Environmental Health- Current Trends & Future Challenges	Diversity of Fungi in Untreated Effluent of Distillery	National	2020-21	Dhani Publication House
6.	Dr. A.R. Semwal	B.Sc. Chemistry Lab Practical Semester I,II		National	2020-21	
7.	Dr. Rashmi Rawat Tyagi	Relationship Between Emotional Intelligence & Employee Mental Health		National	2020-21	Dhani Publication House
8.	Dr. Rashmi Rawat Tyagi	Role of Tradition, Culture & Behavior of Rural People in Biodiversity & Water Conservation in Garhwal Basis		National	2020-21	Dhani Publication House
9.	Dr. Rashmi Rawat Tyagi	Environmental Health- Current Trends & Future Challenges		National	2020-21	Dhani Publication House
10.	Dr. Rashmi	Transgender, Sex &		National	2020-21	JTS

Sl. No.	Author's Name		Category	Year		Publisher
	First Name	Last Name		From	To	
	Rawat Tyagi	Gender Sensitization– Genetic Basis				Publications
11.	Dr. Ranjana Rawat	Bharat ka Rajnaitik Itihas	National	2020-21		Astha Publication
12.	Dr. Ranjana Rawat	Uttarkhand ki Buksha Jangali ki Aitilasikta Avam	National	2020-21		
13.	Dr. Ranjana Rawat	Importance of Dr. B.R. Ambedkar Educational Thoughts in Contemporary Society				
14.	Dr. Meeta Shukla	The Internalization of Western Norms of Beauty by the Affected Black Community Itself Reflected in...	National	2020-21		Novel Publications
15.	Dr. Geetanjali	Contemporary Indian English Novels	National	2020-21		Akhand Publishing House
16.	Dr. Geetanjali	Simplification of Literary Theories	National	2020-21		Adhyaya Publication
17.	Dr. Geetanjali	Romantic Literature	National	2020-21		Authors Press
18.	Dr. Monisha Saxena	Pandemic Observation	National	2020-21		Vishvanath Kaviraj
19.	Dr. Monisha Saxena	Diaspora Conciousness	National	2020-21		Ganesh Pant
20.	Dr. Shaili Gupta	Dalit Aesthetic Theory	International	2020-21		Notion Press
21.	Dr. Deependra Nigam	Graph Theory	National	2020-21		Kedarnath Ram Nath
22.	Dr. Deependra Nigam	Mathematical Modeling of Fluid Flow in the Eye	International	2020-21		Rubicon Publication
23.	Dr. Deependra Nigam	Theory of Equations	National	2020-21		S.J. Publication

24.	Dr. Deependra Nigam	Linear Programming	National	2020-21	S.J. Publication
25.	Dr. Deependra Nigam	Vector Calculus	National	2020-21	
26.	Dr. Deependra Nigam	A Text Book of Differential Equations	National	2020-21	
27.	Dr. Rajesh Kumar	Research Trends in Mathematics & Statistics	International	2020-21	Aknik Publication
28.	Dr. Rajesh Kumar	Theory & Practice of Mathematics & Computer Science	International	2020-21	B.P. International
29.	Dr. Rajesh Kumar	Advance in Mathematical Sciences & Research Application	International	2020-21	Rubicon Publication
30.	Dr. M.M. Juwantha	Vector Borne Disease in India: A Review	National	2020-21	Dhani Publication
31.	Dr. P.K. Sharma	Toxicity of Pesticides to Community Structure of Soil Apterygotes (Insect) in Delhi Area (India)	National	2020-21	Dhani Publication
32.	Dr. P.K. Sharma	Role of Insect (Arthropoda: Insect) in Ecological Balance	National	2020-21	Dhani Publication
33.	Dr. P.K. Sharma	Species Richness & Ecological Importance of Butterflies (Lepoptera: rhopalocera in Garden Ecosystem of Dehradun City (Uttarakhand)	National	2020-21	Dhani Publication
34.	Dr. P.K. Sharma	Sustainable Development of Natural Resources & Chipko Movement	National	2020-21	Dhani Publication
35.	Dr. P.K. Sharma	Transgender, Sex, Gender Sensitization–Genetic Basis	National	2020-21	JTS Publication
36.	Dr. Sujata Gupta	Improved Air Quality as a Result of COVID–19 Lock Down	National	2020-21	Dhani Publication

37.	Dr. Sujata Gupta	An Eco-Friendly Approach to Bio Remediation of Pesticide for the Environment	National	2020-21	Dhani Publication
38.	Dr. Shashi Kiran	Water Quality Assessment of Asan Wetland of Central Himalaya by Physio-Chemical & Biological Methods	National	2020-21	Environmental Conservation
39.	Dr. Shashi Kiran	Relationship of Nematode Population with Different Type of Soil	National	2020-21	Dhani Publication
40.	Dr. R.K. Sharma	Quantum Mechanics	National	2020-21	SJ Publication
41.	Dr. R.K. Sharma	Waves & Oscillation	National	2020-21	SJ Publication
42.	Dr. R.K. Sharma	Optics	National	2020-21	SJ Publication
43.	Dr. Poonam Mishra	Professional Ethics & Human Values	National	2020-21	Kanishka Publishers
44.	Dr. Poonam Mishra	Nature of Social Sciences National Curriculum , CF V-20005 (Unit -1)	National	2020-21	Vikas Publishing House
45.	Dr. Reena U. Tiwari	Bhartiya Vangmaya Mein Guru Shishya Evam Gyan	National	2020-21	Shivam Book House
46.	Dr. Reena U. Tiwari	Samajic Vigyaan Ke Adhaar	National	2020-21	Directorate of Distance Education, Lalit Narayan Mithila University, Darbhanga
47.	Dr. Reena U. Tiwari	COVID -19 aur Maansik Swasthya	National	2020-21	Pacific Books
48.	Dr. Rekha Trivedi	Panchyat Raj System & Women Empowerment	National	2020-21	Kumud Publication
49.	Dr. Neerja Chaudhary	Bhartiya Samaj Mein Mahila Sashakikaran: Ek Avlokan	National	2020-21	Nalanda Prakashan

50.	Dr. Pushpa Khanduri	Bharat ki Naveen Rashtriya Shiksha Niti 2020: Nayi Shiksha Niti 2020	National	2020-21	Public Relation Society of India
51.	Dr. Pushpa Khanduri	Vishnu Prabhakar ke Natya Sahitya Mein Bhartiya Sanskriti	International	2020-21	Sahitya Sanchay

✧ **Journals:**

	Author	Name of the Journal	Title of the paper	Year of Publication	ISSN number
1.	Dr. K.R. Jain	Pagan: Journal of Management	Linkage of HPHRP the Innovation: A Study on Telecommunication	2020-21	0974-5505
2.	Dr. Reena Verma	The Journal of Oriental Research Madras	Micro-algae as a Source of Biofuel	2021	0022-3301
3.	Dr. Reena Verma	Journal of The Maharaja Sayajirao University of Baroda	Economic Importance of Blue Green Algae	2021	0025-0422
4.	Dr. A.R. Semwal	J. Mountain Res	Review on Green Synthesized Nanoparticles	2021	0974-3030E
5.	Dr. A.R. Semwal	J. Mountain Res	Biosynthesis of Silver	2021	0974-3030E
6.	Dr. Jharna Banerjie	International Journal of Agricultural & Statistical Sciences	Optimum Farming Plans for Marginal Farmers with Restriction on Livestock Enterprises using Linear Programming Model	2020	0973-1903
7.	Dr. Peeyush Misra	International Journal of Agricultural & Statistical Sciences	A Generalized Double Sampling Estimation of Population Mean using Auxiliary Information in Survey Sampling	2020	0973-1903
8.	Dr. Peeyush	IJS & RE	On Improved Estimation	2020-21	3456-2378

	Misra		of Ratio of Two Population Mean using Auxiliary Information		
9.	Dr. Peeyush Misra	JRSS	A Generlized Two Phase Sampling Estimation of Ratio of Two Population Means using Auxiliary Information	2021	2229-5666
10.	Dr. Peeyush Misra	JSR	An Enhance Two Phase Sampling Ratio Estimation Foe Estimating Population Mean	2021	0447-9483
11.	Dr. J.P. Singh	International Journal of Agricultural & Statistical Sciences	Optimum Farming Plans for Marginal Farmers with Restriction on Livestock Enterprises using Linear Programming Model	2020	0973-1903
12.	Dr.Vivek Kumar Tyagi	Tathapi	Right to Privacy: Ambit & Dimension an Overview	2020	2320-0693
13.	Dr. R.K. Dube	Dehradun Law Review	Aarogya Setu App: Issues Regarding Right to Privacy	2020-21	2231-1157
14.	Dr. J.S. Chandpuri	Tathapi	Right to Privacy : Ambit & Dimension an Overview	2020	2320-0693
15.	Dr. Satyam Dwivedi	Shodh Sarita Bulletin	COVID-19 Evam Samaj: Vayaktik Adyayano se Prapt Kuch Vrittant	2021	2348-2397
16.	Dr. Satyam Dwivedi	Shodh Sarita Bulletin	Kaamkaji Mahilaon ki Dohari Bhumika se Utpann Tanawon Evam Uske Karno ka Samajshastriya Vishleshan	2020-21	2229-3620
17.	Dr. Devna Jindal	Vichar	Home-stays as Investment for Economic Growth and Social Stability of Rural Communities in Uttarakhand	2020-21	0974 -4118
18.	Dr. Prashant Singh	Asian Journal of Chemistry	Evaluation of Ground Drinking Water Sources of Haridwar using Heavy Metal Pollution Index	2020-21	0970-7077

19.	Dr. Rashmi R. Tyagi	Environmental Conservation	A Comparative Study of Personality Traits	2020-21	0972-3099
20.	Dr. Ranjana Rawat	Shodh Samiksha aur Muluyakan	Shanti Doot Mahatma Gandhi ke Vicharon ki Vartman Main Prasangita	2020-21	0974 -2832
21.	Dr. Ranjana Rawat	Research Analysis Evaluation	Deviduhura Bagwal ka Aitihāsik Purāṇik & Nṛavānshīya Adhyān..	2020-21	2320-5482
22.	Dr. Ranjana Rawat	JETIR: Journal of Emerging Technologies & Innovative Research	Kalsi Rock.....Edict: A Historical & Archaeological Site of North India	2020-21	2349-5162
23.	Prof. Anju B. Pandey	Purukala	Atharvī Shatabdī mein Rohalkhand Riyasat ka Udhbhav	2020-21	0971-2143
24.	Dr. H.B.S. Randhawa	Literary Voice	English Language Teaching & Learning: Problems, Concern & Remedies: A Case Study of Uttarakhand	2020-21	2277-4521
25.	Dr. Geetanjali	Sambodhi	Diaspora in Indian English Literature	2020-21	2249-6661
26.	Dr. Monisha Saxena	Sambodhi	Anna Karenina: A Tale of Two Lovers	2020-21	2249-6661
27.	Dr. Deependra Nigam	AIMS Mathematics	Approximation of Caputo Time Fractional Diffusion Equation using Redefined Cubic Exponential B Spline Collocation Technique	2020-21	3805-3820
28.	Dr. Deependra Nigam	Materials Today: Proceedings	Numerical Solution of Caputo Time–Fractional Diffusion Equation using Extended B Spline Based Implicit Collocation Technique	2020-21	3805-3820
29.	Dr. Deependra Nigam	International Journal for Research in Engineering Application & Management	Modelling the Partial Pressure of Oxygen in the Lens of the Eye	2020-21	2454-9150

30.	Dr. Deependra Nigam	International Journal for Research in Engineering Application & Management	Photo-Mask Inspection for Defects in Integrated Circuits using Optical Interferometer	2020-21	2454-9150
31.	Dr. Deependra Nigam	Asian Research Journal of Mathematics	A General Algorithm of the Boundary Integral Method for Solving Laplace's Mixed Boundary Value Problem	2020-21	2456-477X
32.	Dr. Deependra Nigam	Asian Research Journal of Mathematics	Non Negative Inger Power of a Hyponormal M Isometery is Reflexive	2020-21	2456-477X
33.	Dr. Rajesh Pal	Asian Research Journal of Mathematics	Non Negative Inger Power of a Hyponormal M Isometery is Reflexive	2020-21	2456-477X
34.	Dr. P.K. Sharma	Environment Conservation	Biology of White Grub Anomala dimidiata (Hope) (Coleoptera ; Scarabaeidae) in Agricultural Ecosystem, Doon Valley (U.K) India	2020-21	2278-5124
35.	Dr. P.K. Sharma	J. Exp. Zool. India	Species Richness & Abundance of Coccinellids (Coleopteran: coccinellidae) in Agricultural Field of District Sambhal, U.P.,India	2020-21	0972-0030
36.	Dr. Sujata Gupta	International Journal of Human Rights	Better Environment the Greener Side of Lockdown: COVID-19	2020-21	2394-0298
37.	Dr. Gunjan Purohit	Laser & Particle Beams, Cambridge University	Relativistic Longitudinal Self Compression of Ultra Compression of Ultra Intense Gaussian Laser Pulse in Magnetized Plasma	2020-21	0263-0346
38.	Dr. Gunjan Purohit	Applied Innovative Research	Dielectric Properties of Lead Zirconate Titanate	2020-21	2581-8198
39.	Dr. Gunjan Purohit	Applied Innovative Research	Overview of Laser	2020-21	2581-8198
40.	Dr. R.K. Sharma	Laser & Particle Beams, Cambridge University	Relativistic Longitudinal Self Compression of Ultra Compression of Ultra Intense Gaussian Laser	2020-21	0263-0346

			Pulse in Magnetized Plasma		
41.	Dr. R.K. Sharma	Applied Innovative Research	Dielectric Properties of Lead Zirconate Titanate	2020-21	2581-8198
42.	Dr. Nisha Walia	Drishtikon	Shiksha aur Samaj ka Antah Sambandh	2020-21	0975-119X
43.	Dr. Nisha Walia	Shodh Sarita	Uttarakhand ke Prasiddhh Naglipi ka Aitihasik evam Sanskriti Mahatav	2020-21	2348-2394
44.	Dr. Nisha Walia	Vedanjali	Sahitya ke Sandarbh mein Jeevan Mulya	2020-21	2349-364X
45.	Dr. Nisha Walia	Vedanjali	Sumitrananadan Pant Pragatipati Kaal ke Sandarbh Mein	2020-21	2349-364X
46.	Dr. Nisha Walia	Bhohal Shadh Manjusha	Adhunik Hindi Kavya mein..	2020-21	2394-7115