

DAYANAND MAHILA MAHAVIDYALAYA, KURUKSHETRA

Faculty Profile



Name: Dr. Upasana

Department: Mathematics

Educational Qualifications: B.Sc., M.Sc. (Maths), M.Phil, Ph.D.

Designation: Principal

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Total Teaching Experience: 33 years

Published Papers:

Sr. No.	Title	Journal	ISSN/ISBN No.	Impact Factor (If Any)	Whether you are Main Author
1.	Modeling of Police Recruitment and Training with Parallel and Serial Centres	OPSEARCH, Vol. 43, No. 1, Operational Research Society of India 2006	0030-3877	-	Co-Author
2.	Green Communication impact in 5G wireless cellular Network: A Review	International Journal of Computer Science & Communication Vol. 10, Issue 1 Dec 2018	0973-7391	5.1	Single
3.	Queuing Theory Applications: A Review	International Journal of Information Technology & Knowledge Management Vol. 12, Issue 2 March 2019	0973-4414	5.2	Single
4.	Role of ICT in Teaching and Learning	International Journal of Information Technology & Knowledge Management Vol. 12, Issue 2 April 2019	09734414	5.2	Single

5.	Taxonomy on Mathematical Image Notice Reduction Techniques: A Review	International Journal of Electronics Engineering Vol. 11, Issue 1 May 2019	0973-7383	5.1	Single
6.	Emerging Technology Usage for Effective Teaching: A Review	Chintan International Research Journal Year 10, Issue 41 (ii) Dec 2021	2229-7227	5.91	Single
7.	Problems and Challenges of Working Women at Workplace	Pramana Research Journal Year 10 Issue 38 (ii) Oct-Dec 2021	2249-2976	5.905	Single
8.	Study on Environmental Issues in India	Chintan International Research Journal Year 11 Issue 42 (ii) Jan-March 2022	2229-7227	6.215	Single
9.	Women Empowerment Through Skill Development	International Journal of Humanities, Law and Social Sciences Vol. IX Issue 2 (F) Dec.-2022	2348-8301	5.86	Single
10.	Application of Stochastic Process in Real Life	Drashta Research Journal Year 11 Issue 44 Oct-Dec 2022	2277-2480	5.745	Single
11.	Role of Mathematics & Statistics in Data Science	Madhya Bharti Humanities and Social Sciences Vol 83 No. 3 Jan 2023	0974-0066	6.1	Single
12.	Role of ICT in Teaching of Mathematics during Pandemic	Proceedings of DGHE Approved two days international conference (ICAST-22) organised by MN College on Feb 26-27, 2022	978-93-5627-369-6		Single

List of Books Co-Authored:

Sr. No.	ISBN No.	Book Name & Publication	Class/Semester	Edition	Principal Author/Co-Author
1.	978-93-85795-59-6	Business Mathematics- A.S. Parkashan, Meerut	B.Com I	2016	Co-Author
2.	978-93-86706-48-5	Real Analysis- A.S. Parkashan, Meerut	B.A./B.Sc. III Semester-V	2018, 2020	Co-Author
3.	978-93-86706-31-7	Real Analysis- A.S. Parkashan, Meerut	B.A./B.Sc. III Semester-V	2018	Co-Author
4.	978-93-86706-11-9	Algebra- A.S. Parkashan, Meerut	B.A./B.Sc. I Year	2018	Co-Author
5.	978-93-86706-66-9	Advanced Calculus- A.S. Parkashan, Meerut	B.S./B.Sc. II Year	2017, 2020	First Author
6.	978-93-85795-81-7	Number Theory & Trigonometry- A.S. Parkashan, Meerut	B.A./B.Sc. I Semester II	2017	Co-Author

7.	978-93-86706-20-1	Business Mathematics_ A.S. Parkashan, Meerut	B.Com I Year	2016, 2017, 2018	Co-Author
8.	978-93-86706-49-2	Numerical Analysis- A.S. Parkashan, Meerut	B.A./B.Sc. III Semester V	2018, 2020	Co-Author
9.	978-93-86706-65-2	Ordinary Differential Equations- A.S. Parkashan, Meerut	B.A./B.Sc. I Semester II	2017, 2020	Co-Author
10.	978-93-86706-08-9	Advanced Calculus- A.S. Parkashan, Meerut	B.A./B.Sc. II Year Semester III	2017	Co-Author
11.	978-93-85795-85-5	Business Mathematics- A.S. Parkashan, Meerut	B.Com I Semester II	2017	Co-Author
12.	978-93-86706-64-5	Number Theory & Trigonometry- A.S. Parkashan, Meerut	B.A./B.Sc. II Semester II	2017, 2020	Co-Author
13.	978-93-86706-03-4	Solid Geometry- A.S. Parkashan, Meerut	B.A./B.Sc. I Year Semester I	2017	Co-Author
14.	978-93-85795-80-0	Vector Calculus- A.S. Parkashan, Meerut	B.A./B.Sc. I Semester II	2017, 2019	Co- Author
15.	978-93-86706-27-0	Business Mathematics- A.S. Parkashan, Meerut	B.Com I Year Semester II	2018	Co-Author
16.	978-93-85795-82-4	Ordinary Differential Equations- A.S. Parkashan, Meerut	B.A./B.Sc. Semester II	2017	Co-Author
17.	978-93-86706-32-4	Numerical Analysis- A.S. Parkashan, Meerut	B.A./B.Sc. III Semester V	2018	Co-Author

Paper Presentation in Seminars/Conferences:

International

Sr. No.	Name of Conference/Seminar etc.	Organised by	Dates and Year	International / National/ State/ University Level	Paper Presented Topic
1.	International Seminar on Universal Welfare and the Eternal Philosophy of Bhagavad Gita	K.U.K	Dec 3-5, 2019	International	Importance of Shrimad Bhagwad Gita in the Management of Modern Society
2.	5 th International Seminar on Sustainable Existence and Shrimad Bhagwad Gita Philosophy	K.U.K	Dec 21-23, 2020	International	Life Management through Moral Values in Bhagwad Gita
3.	International Conference on Advances in Science & Technology in 21 st Century (ICAST-22)	M.N. College, Shahabad	Feb 26-27, 2022	International	Role of ICT in teaching of Mathematics during Pandemic

4.	International Conference Ecology: Interpretations, Intersections and Interstices	Arya Kanya Mahavidyalaya, Shahabad Markanda	March 28, 2023	International	Mathematics and Environment Education
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National

Sr. No.	Name of Conference/Seminar etc.	Organised by	Dates and Year	International/ National/ State/ University Level	Paper Presented Topic
1.	Third Annual Conference of Indian Society of Information Theory and Applications & National Symposium on Management Science & Statistics	Department of Mathematics, G.N.D.U., Amritsar	Feb 12-14, 1999	National Symposium	On a Mathematical Stochastic Model- Managing a Serial Phase Production Process in Industry
2.	National Symposium on Stochastic Modeling and Operations Management	Department of Statistics O.R. K.U.K	Oct 19-21, 2000	National Symposium	On a Stochastic Model- Managing Resource
3.	National Seminar on Role of Mathematics in Various Fields	G.N.K. College, Yamuna Nagar	March 18-19, 2013	National	Role of Mathematics in Applied Sciences
4.	ICSSR sponsored National Conference on New Advances in Mathematics	D.A.V. College, Sadhaura	Feb 13, 2016	National	Mathematical Modeling of Social Welfare Schemes
5.	National Seminar on Legal Literacy A dire need for Women	D.M.M. KKR	Feb 20, 2016	National	Issues and Concerns for working Women
6.	DGHE sponsored National Seminar on Responsibility of Media in Modern times	D.M.M. KKR	Jan 30, 2018	National	Impact of Media on Feminism
7.	DGHE Sponsored National Seminar on Responsibility of Media in Modern Times	D.M.M. KKR	Jan 30, 2018	National	Impact of Media on Feminism
8.	DGHE Sponsored National Seminar on recent Advances in Mathematics & Computer Science Research	G.N.K. College, Yamuna Nagar	March 6, 2018	National	Game Theory- In Wide Prospective
9.	National Seminar in collaboration with Haryana Sahit Academy, Panchkula	D.M.M. KKR	Jan 30, 2019	National	Scientific Aspects of Ramayana
10.	DGHE sponsored National seminar on Mathematical Modeling optimization and scientific computing	Hindu Girls College, Sonipat	Feb 23, 2019	National	Importance of Numerical Solution of Differential Equations in

					Mathematical Modeling
11.	DGHE sponsored National seminar on Women Empowerment through skill development	D.M.M. KKR	March 1, 2019	National	Skill Development to achieve Economic and Social Independence of Women
12.	DGHE sponsored National Seminar on Innovations in Computing & Communication Technologies	A.K.M.V., Shahabad	March 16, 2019	National	ICT and its Application in teaching of Mathematics
13.	DGHE sponsored National Conference on Water Conservation: Current Issues and Future Challenges	Maharaja Aggarsain Mahavidyalaya, Jagadhari	Jan 1, 2020	National	Water Borne Disease and Health Issue: A Challenge
14.	DGHE sponsored National Conference on Application of Mathematics in Science & Technology	Maharaja Aggarsain Mahavidyalaya, Jagadhari	Feb 1, 2020	National	Contribution of Mathematics in Science & Technology
15.	DGHE sponsored National Conference on Application of Mathematics in Physical Sciences in Today's Era	A.K.M.V., Shahabad	March 7, 2020	National	Application of Differential Equations in Science and Engineering
16.	National Webinar on Research on Research Methodology	I.G.N. College, Ladwa	Sept 29, 2021	National	Tools and Techniques of Research Methodology
17.	National Conference on Application of Mathematics in Science, Technology, Biology and Medicine	Maharaja Agrasen Mahavidyalaya, Jagadhri	March 17, 2023	National	Role of Mathematics in Medicine and Biology: A Review

Webinars/ Orientations/ Workshops/Faculty Development Programme's/ Short term courses attended:

Sr. No.	Name of Programme	Year	Duration	Venue
1.	One Month FDP under Faculty Development Programme	18 Nov to 14 Dec, 2019	One Month	DMM, KKR
2.	Webinar on "SSR Awareness Programme for	17 May, 2020	One Day	S.D. College, Ambala Cantt

	Criteria 1 and 2”			
3.	One Week FDP on Online Teaching Learning Method	22-28 May, 2020	One Week	DMM, KKR
4.	Webinar on SSR Awareness Programme for Criteria 4	25 May, 2020	One Day	S.D. College, Ambala Cantt
5.	FDP on Outcome based Education and Accreditation	25-29 May, 2020	One Week	IILM College of Engg. & Technology, Greater Noida
6.	Online National Webinar on Life During & After the Covid-19	28 May, 2020	One Day	Maharaja Agrasen College, Jagadhri
7.	One Week National FDP	3-7 June, 2020	One Week	S.D. College, Ambala Cantt
8.	FDP on Training on ICT Tools for Teaching	14 June to 28 July, 2020	45 Days	IQAC, DMM KKR
9.	National Webinar on Documentation for DVV and PEER team visit NAAC	15 June, 2020	One Day	Mahatama Phule Mahavidyalaya, Kingaon (Latur)
10.	National Webinar on IPR	17 June, 2020	One Day	DMM, KKR
11.	National Webinar on Innovation and IPR	22 June, 2020	One Day	S.D. College, Ambala Cantt
12.	Webinar on SSR Awareness Programme for Criteria 6	24 June, 2020	One Day	S.D. College, Ambala Cantt
13.	International Webinar on Application of Mathematics in Science and Technology	25 June, 2020	One Day	Dayanand College, Hisar
14.	National Webinar on ICT enabled Higher Education in India	13 July, 2020	One Day	Guru Angad Dev Teaching Center of MHRD & S.D. College, Ambala Cantt
15.	FDP on Managing Online Classes and Co-creating MOOCS 3.0	25 July to 10 August, 2020	2 Weeks	Ramanujan College, University of Delhi

16.	Workshop on Intricacies of NAAC Assessment for Better Scoring	27-31 July, 2020	5 Days	St. Francis de Sales College, Nagpur
17.	Workshop on Effective use of Okie-Dokie ERP System	30 Dec., 2020	One Day	IQAC of DMM, KKR
18.	National Webinar on Intellectual Property Rights in Higher Education	23 Jan, 2021	One Day	Govt. College, Chhachhrauli, Yamunanagar
19.	National Webinar on Pure and Applied Mathematics: Research Approach	29 Jan, 2021	One Day	GMN College, Ambala Cantt
20.	Workshop on How to prepare for NAAC Accreditation	2 Feb, 2021	One Day	S.D. College, Ambala Cantt
21.	Online Workshop on NAAC Assessment & Accreditation	12 Feb, 2021	One Day	S.D. College, Ambala Cantt
22.	National Webinar on A Critical Evaluation of Renewal Framework of NAAC	20 Feb, 2021	One Day	M.N. College, Shahabad (M)
23.	Online One week FDP on NAAC Revised Accreditation Framework & Quelling the Quest	11-17 March, 2021	One Week	Aggarwal College, Ballabgarh
24.	FDP on Online Conduct of Examination and Evaluation	1-8 July, 2021	One Week	IQAC of DMM, KKR
25.	FDP on Online Teaching Tools & Smart Boards	9-16 Aug, 2021	One Week	IQAC of DMM, KKR
26.	Workshop for supporting staff on the topic "Hygiene and Cleanliness Practices"	14 Dec, 2021	One Day	IQAC of DMM, KKR

27.	Technical Writing, Latex-2	1-10 Feb, 2022	2 Weeks	SD College, Ambala Cantt
28.	E-Content Development and ICT Tools for Teaching	31 March to 11 April, 2022	2 Weeks	DMM, KKR
29.	Utility of Vedic Education Philosophy in Present Scenario	22-27 April, 2022	1 Week	DMM, KKR
30.	Implementation of NEP-2020	13-17 June, 2022	1 Week	IIHS, KUK
31.	Three Days Workshop on Implementation of NEP-2020	1-4 July, 2022	3 days	DMM, KKR
32.	Har Din Dhyan-Har Din Dhyan Yog Mahotsav Campaign	20-22 March, 2023	Three Days	DMM, KKR
33.	Conducted and Attended online National Webinar on IP Awareness Programme under NIPAM organised by IP Office, India	25 April, 2023	One Day	DMM, KKR in collaboration with Intellectual Property Office, India
34.	Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers'	8-16 May, 2023	10 Days	Indira Gandhi National Open University, New Delhi
35.	Online Workshop on Resonance between NEP-2020 and NAAC Assessment & Accreditation for Quality in HEIs	25 May, 2023	One Day	DMM, KKR in collaboration with Aggarwal College, Ballabhgarh

Lectures Delivered:

Sr. No.	Name of Programme	Year	Duration	Venue
1.	Creating Safe Space between teacher and student for	25 Jan, 2022	One Day	Govt. Sr. Sec. School, Kalsana Code (2403)

	effective online teaching			
2.	Creating Safe Space between teacher and student for effective online teaching	27 Jan, 2022	One Day	Govt. Sr. Sec. School, Shahabad (M) Code (2411)
3.	Overview of NEP-2020	1 July, 2022	One Day	DMM, KKR