

# DAYANAND MAHILA MAHAVIDYALAYA, KURUKSHETRA

## Faculty Profile



1. **Name of Faculty:** Mrs. Prabhjot Kaur
2. **Name of the Department:** Department of Mathematics
3. **Educational Qualifications:** M.Sc , NET-JRF
4. **Present Position:** Assistant Professor
5. **Address for Correspondence:** #629, Sonia Colony, Ambala City, Haryana, Pin: 134003
6. **E-mail and Contact Number:** [prabhjotkaur0117@gmail.com](mailto:prabhjotkaur0117@gmail.com) , [prabhjot.kaur@dmkkr.ac.in](mailto:prabhjot.kaur@dmkkr.ac.in)  
& 8950115939
7. **Specialisation:** Pure Mathematics

**8. Total Teaching Experience: 06 Years**

**9. Refresher/ Orientation/ Faculty Development Programme/ Short term courses attended**

<b>Sr. No.</b>	<b>Name of Programme</b>	<b>Year</b>	<b>Duration</b>	<b>Venue</b>
1.	FDP on Microsoft PowerPoint Presentation	16 November to 17 December, 2018	1 Month	Dayanand Mahila Mahavidyalaya, Kurukshetra
2.	Orientation Programme	16 July, 2019 to 14 August, 2019	1 Month	Faculty Development Centre, KUK
3.	FDP on Microsoft PowerPoint Presentation	18 November to 14 December, 2019	1 Month	Dayanand Mahila Mahavidyalaya, Kurukshetra
4.	Two weeks faculty development programme on 'Advanced concepts for developing MOOCs'	2 July -17 July, 2020	2 weeks	Teaching Learning Center, Ramanujan College, University of Delhi sponsored by Ministry of Human Resource Development PMMMNMST

4.	Refresher Course of ARPIT	1 December 2020 to 31 March 2021	4 Months	MHRD, Govt. of INDIA
5.	FDP on 'Digital Security in Classroom'	04-10 April, 2022	7 Days	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education PMMMNMTT.
6.	FDP on 'वर्तमान परिप्रेक्ष्य में वैदिक शिक्षा दर्शन की उपयोगिता'	22- 27 April, 2022	5 Days	IQAC and Arya Yuvti Parishad of Dayanand Mahila Mahavidyalaya, Kururkshetra.
7,	Participated in 'Har Dil Dhayan-Har Din Dhayan' Yog Mahotsav Campaign	20-22 March, 2023	3 Days	DMM, KKR in collaboration with AICTE and Heartfullness Education Trust
8.	Short-term Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers'	13-21 April, 2023	09 days	Indira Gandhi National Open University under PMMMNMTT, New Delhi

**10. Member of BOS/ Academic Council or any other body:** Member of practical examiner for UG courses in the subject of Mathematics (2017-18 and onwards)

**11. Conferences, seminars, Symposia and Workshops organized as convener/ coordinator/ members:**

<b>Sr. No.</b>	<b>Name of Conference</b>	<b>Venue and Date of Conference</b>	<b>Position held</b>
1	National Seminar on “Guru Nanak Vani : Contemporary Relevance”	Dayanand Mahila Mahavidyalaya, Kurukshetra on 29 March 2019	Member of Organising committee
2	National Webinar on ‘Intellectual Property Rights’	Dayanand Mahila Mahavidyalaya, Kurukshetra on 17 June, 2020	Organising Secretary (Technical)
3	Online Workshop on ‘Online Teaching Learning Methods’	Dayanand Mahila Mahavidyalaya, Kurukshetra from 22 May to 28 May, 2020	Organising Secretary
4	Online Training on ‘Training on ICT Tools for Teaching’	Dayanand Mahila Mahavidyalaya, Kurukshetra from 14 June to 28 July, 2020	Resource Person
5	National Webinar of IPR organized by Legal Literacy Cell	Dayanand Mahila Mahavidyalaya, Kurukshetra on 17 June, 2020	Resource Person (Technical Trainer)



1	International conference on innovative trends in Mathematics, Computer and information Sciences	Department of Mathematics and Humanities, MMU, Mullana	9-10 March, 2017	International	Presented on the topic-“On prime ideals, prime radicals and M-systems”	M.M.U Mullana	-
2	International conference on advances in Mathematics and Engineering Sciences-2017	IMRF(International multidisciplinary research foundation)	27-29 April, 2017	International level	Paper presented on the topic “On inner product spaces, orthogonality and orthonormality”	Hotel Orbit, Chandigarh	-
3	Two days National conference on ‘Applications of Mathematics in present scenario’	Department of Mathematics, Maharaja Aggarsen College sponsored by Director higher education, Haryana	10-11 November, 2017	National Level	Paper presented on the topic “Semi prime radical and N-system”	Maharaja Agarsen College, Jagadhari	-

4	National seminar on “Ramayana Mahabhartiya Aakhyano ka Sanskrit, Hindi Sahitya main Anusheelan”	Sanskrit Department, Dayanand Mahila Mahavidyalaya, Kurukshetra sponsored by Haryana Sahitya Academy, Panchkula	30 January, 2019	National level	Presented paper on title “Women characters in Ramayana”	Dayanand Mahila Mahavidyalaya, Kurukshetra	-
5	National seminar on “Mathematical modelling, optimization and scientific computing”	Department of Mathematics, Hindu Girls college, Sonipat in collaboration with Global society of Mathematical and Allied Sciences sponsored by Director General Higher Education, Haryana	23 February, 2019	National level	Presented paper on title “Methods for solving first order differential equations and their comparison”	Hindu Girls College, Sonipat	-

6	National seminar on “Women Empowerment through skill development”	Women Cell of Dayanand Mahila Mahavidyalaya, Kurukshetra sponsored by DGHE, Haryana	01 March, 2019	National Level	Presented paper on title “Women Entrepreneurship in Haryana : Challenges and Problems”	Dayanand Mahila Mahavidyalaya, Kurukshetra	-
7	National seminar on “Guru Nanak Vani : Contemporary Relevance”	Punjabi Department, Dayanand Mahila Mahavidyalaya, Kurukshetra sponsored by Haryana Sahitya Punjabi Academy, Panchkula	29 March, 2019	National Level	Presented paper on title “Relevance of Guru Nanak dev ji’s teachings in modern times”	Dayanand Mahila Mahavidyalaya, Kurukshetra	-



8	National Conference on “Applications of Mathematics in Science and Technology”	Mathematics Department, Maharaja Agrasen Mahavidyalaya, Jagadhari sponsored by DGHE, Haryana on February 1, 2020.	01 February, 2020	National Level	Presented paper on title “Fibonacci sequence, properties and its applications” at one day Interdisciplinary	Maharaja Agrasen Mahavidyalaya, Jagadhari	-
9	One day webinar on ' Enhancing research effectiveness using Scopus, Sciencedirect and Mendeley'	Faculty development Center, K.U.K in collaboration with Elsevier(under the aegis of PMMMNTT, MHRD, govt. of India)	1 May, 2020	-	-	Online Mode	Attended

10	National online workshop on 'Research ethics and plagiarism control'	Bunts Sangha Mumbai Anna Leela College of Commerce & Economics Shobha Jayaram Shetty college for BMS, IQAC and Research cell in asso. with Dept. of Lfelong Learning & Extension (D.L.L.E), University of Mumbai	15 May 2020	National Level	-	Online Mode	Attended
11	Webinar on SSR Awareness Program for Criteria I and II under UGC Scheme of Paramarsh	IQAC, S.D College, Ambala Cantt	17 May, 2020	-	-	Online Mode	Attended

12	Webinar on SSR Awareness Program for Criteria IV under UGC Scheme of Paramarsh	IQAC, S.D College, Ambala Cantt	25 May, 2020	-	-	Online Mode	Attended
13	National Level online faculty development program on 'E-content Development'	D.A.V College for Girls,. Yamunanagar	26 May,2020	National Level	-	Online Mode	Attended
14	National webinar on 'Metric space and fixed point theorem'	I. B (P.G) College Panipat (Dept of Mathematics in collaboration with IQAC)	6 June, 2020	National Level	-	Online Mode	Attended
15	Mathematics quiz with 83% marks	District institute of education and training, Jorht, Assam	7 June, 2020	-	-	Online Mode	Attended

16	One week National faculty development program on 'Moodle learning management system'	E-resource development cell, S.D College, Ambala Cantt in collaboration with spoken tutorial IIT Bombay- An initiative of NMEICT, MHRD, Govt. of India	3 June to 7 June, 2020	National Level	-	Online Mode	Attended
17	National webinar on 'Mathematics: Present scenario'	Guru Nanak Khalsa College, Yamunanagar	13 June, 2020	National Level	-	Online Mode	Attended
18	National webinar on 'IPR'	Legal Literacy Cell, DMM, KKR	17 June, 2020	National Level	-	Online Mode	Attended
19	National webinar under Paramarsh on 'Innovation and IPR'	IQAC, S.D College, Ambala Cantt in collaboration with IQAC, DMM College, Kurukshetra	22 June, 2020	-	-	Online Mode	Attended

20	Webinar on SSR Awareness Program for Criteria VI under UGC Scheme of Paramarsh	IQAC, S.D College, Ambala Cantt	24 June, 2020	-	-	Online Mode	Attended
21	One Day International Webinar on 'Applications of Mathematics in Science and Technology'	Dayanand College, Hisar	25 June, 2020	International level	-	Online Mode	Attended
22	Two days webinar on 'computational techniques for applied sciences'	Department of Mathematics and Statistics, College of Basic sciences and Humanities, CCs Haryana Agricultural University, Hisar	06-07 July, 2020	-	-	Online Mode	Attended

23	Webinar on NAAC A&A Process: Revised accreditation framework	IQAC, Aggarwal College, Ballabgarh	10 July, 2020	-	-	Online Mode	Attended
24	One day national webinar on 'ICT enabled Higher education in India'	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT & S.D College, Ambala Cantt	13 July, 2020	National Level	-	Online Mode	Attended
25	Presented Paper in 'IIHSG International Conference 2021' on 'Current Child Security Threats in India and other Countries'	Indian Institute of Human Security & Governance, Delhi, India in collaboration with the Centre for International Studies and Diplomacy, School of Oriental and	25-26 February, 2021	International Level		Online Mode	Presented

		African Studies, Univ. of London, UK and Dept. of International Relations, Univ. of Chittangong, Bangladesh					
25	National Webinar on 'Academic and Research Visibility' organized by	Dayanand Mahila Mahavidyalaya, Kurukshetra in collaboration with I.G.N College, Ladwa	21 September , 2021	National Level	-	Online Mode	Attended

26	Presented paper entitled 'Role of Mathematics in Science, Technology and other fields' in two days International Conference on 'Advances in Science and Technology in 21 <sup>st</sup> Century'	M.N College, Shahabad	26 February-27 February, 2022	National Level	-	Online Mode	Presented
27	National Webinar on 'Corporate Actions' organized on	Guru Nanak Khalsa Institute of Technology and Management, Yamunanagar	26 March, 2022	National Level		Online Mode	Attended
28	National webinar on 'Vedic Mathematics and its Applications'	Department of Mathematics, Saraswati Mahila Mahavidyalaya, Palwal	07 April, 2022	National Level		Online Mode	Attended



29	Webinar on 'Intellectual Property Rights (IPR)' organized by on	IPR Cell, N.B.G.S.M College, Sohna	09 April, 2022.	National Level		Online Mode	Attended
30	National Webinar on 'Wealth creation through personal financial management'	IQAC, Motiwala Homeopathic Medical College and Hospital, Nashik, MH in association with Association of Mutual Funds in India	29 April, 2022	National Level		Online Mode	Attended

31	Presented paper entitled 'Deferred f-statistical convergence of order $\alpha$ ' in National Seminar on 'Advances in Mathematical and Applied Sciences'	Dept. of Mathematics, S. A Jain College, Ambala City sponsored by DGHE, Haryana	19 November, 2022	National Level		S.A Jain College, Ambala City	Presented
32	Presented paper entitled 'Applications of Mathematics in Computer Science' in National Seminar on 'Application of Mathematics in Science, Technology, Biology and Medicine'	Dept. of Mathematics, Maharaja Agarsen College, Yamunanagar sponsored by DGHE, Haryana	17 March, 2023	National Level		Maharaja Agarsen College, Yamunanagar	Presented

33	Participated in one day online workshop on 'Resonance between NEP 2020 and NAAC assessment and accreditation for Quality in HEIs'	NEP Committee and NAAC, DMM, KKR in collaboration with Aggarwal College, Ballabhgarh	25 May, 2023	National Level		Online	Attended
34	Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission	Intellectual Property Mission, India	26 May, 2023	National Level		Online	Attended

35	Participated in one day online workshop on 'Research Methodology'	IQAC, S.A Jain College, Ambala City	17 June, 2023.	National level		Online	Attended
36	Participated in one day online workshop on NEP 2020 on the theme 'Online, ODL Education and SWAYAM and MOOCs'	UGC, Human Resource Development Centre, K.U.K	19 July, 2023	National Level		Online	Attended
37	One day FDP on 'Green audit and Energy audit in HEIs'	IOT Academy	4 September, 2023	National Level		Online	Attended

### 13.Publications in Journals with ISSN No.

<b>Sr. No.</b>	<b>Title with name</b>	<b>Journal ,Volume, Year , Page No.</b>	<b>ISSN/ ISBN</b>	<b>Journal No. in UGC List</b>
1.	The fixed points of Mobius transformation	'International journal of electronics engineering', volume-9, issue-1 , year- 2017 , page no. 38-42.	ISSN- 0973-7383	
2.	Linear spaces, subspaces and hamel bases	'International journal of computer science and communication', volume -8, issue-2, year-2017, page no. 104-106.	ISSN- 0973-7391	
3.	On prime ideals, the prime radical and M-systems	'International journal of electronics and engineering', volume- 9, issue- 1, year -2017, page no. 9-13	ISSN – 0973-7383	
4.	On inner product spaces, orthogonality, orthonormality	'Mathematical sciences international research journal', volume-6, issue -1, year- 2017, page no. - 175-177.	ISSN- 2278-8697	
5.	Role of Mathematics in Science, Technology and Other fields	'Advances in Science and Technology in 21 <sup>st</sup> Century (ICAST- 22), February 2022.		
5.	Role of ICT for Mathematics Teaching	'International Journal of Computer Science and Electronics', volume-14, issue-2 , March-Sept. 2023, page no. 1-6.	ISSN- 0973-7391	

