

Curriculum vitae

Dr. Narendra Kumar Singh
Associate Professor
Department of Mathematics

M B Government Post Graduate College HALDWANI (NAINITAL)

Personal profile:-

1. Name: Dr Narendra Kumar Singh
2. Date of Birth:-15/06/1978
3. Mother's Name: Ms Radha Sijwali
4. Father's Name:- Late (Shri) Shiv Singh Sijwali
5. Marital Status:- Married
6. Wife's Name: Ms Chandra Sijwali
7. Permanent Address:- Village – Kalikhan, Post Office- Bhanoli, District – Almora (Uttarakhand)
8. Category:- Unreserved
9. E-Mail ID:- narendrasijwali@kunainital.ac.in, nsijwali@gmail.com
10. Contact number:- 7536881605, 7579205107

Academic profile:-

1. Academic Qualification:-

Sr. No.	Class	Year of passing	Subjects	Board/ university	Percentage(%)
5	CSIR- NET (JRF)	June 2003 & December 2012	Mathematics Science	CSIR	JRF & AIR 22, Respectively
4	M.Sc.	2001	Mathematics	Kumaun University Nainital	70
3	B.Sc.	1998	Mathematics, Physics, Chemistry	Kumaun University Nainital	64
2	Senior Secondary	1995	Mathematics, Physics, Chemistry, Hindi, English	UP Board	68
1	Higher Secondary	1993	Mathematics, English, Hindi, Science, Social Science, Biology	UP Board	75

Ph.D.:-

Title: A study of fixed point theorems in different settings of metric spaces (2020)

Supervisor:- Prof. M. C. Joshi (Kumaun University, Nainital)

Area of Specialization:- Non-Linear Analysis**Salient Features of Research:-**

1. We searched some contraction principles which are extremely useful in the study of nonlinear analysis. Generally, there is no universal method to solve nonlinear problems. We tried to solve a particular type of non-linear problem via the contraction principle.
2. We made a useful contribution towards the expansion of the knowledge boundary of modern analysis. By finding applications in various branches of mathematics, viz game theory, operation research, differential equations, integral equations, metric spaces, and so on, we tried to expand the horizons of the existing knowledge sphere.
3. Single-valued & multivalued contraction principles are generalized. It helped us to generalize many important results in this branch, especially in the metric space context.

Research Projects:-

Sr No.	Major Project	Amount	Funding Agency	Duration
1	AI-Powered Innovations in Mathematical Research Education for Hilly Regions of Uttarakhand	11.48 lakh	Department of Higher Education, Government of Uttarakhand	2 years 2025- 2027

Funding for Workshops/ Conference/ Symposium :-

Sr No.	Activity	Amount	Funding Agency	Duration
3	3- Day Madhav Mathematics Camp	Rs 40,000.00	NBHM	Jan 05-07, 2026
2	One-Day National Workshop on IPR	Rs 50,000.00	UCOST Dehradun	April 26, 2025
1	National Workshop on “Basic Concepts of Mathematics & Recent Trends in Quantum Mechanics”	Rs 1.5 Lakh	UCOST Dehradun	Jan 20-31, 2025

Research Papers:-

Sr. No.	Name of paper	Journal	Additional information
10	A Generalized Best Proximity Point Theorem That Characterizes Metric Completeness	Applied Mathematics E-Notes	26(2026), 1-12 http://www.math.nthu.edu.tw/amen/ ISSN 1607-2510
9	A necessary and sufficient condition for best proximity point in complete metric spaces with applications to analytic functions	Applied Journal Topology	Appl. Gen. Topol. 26, no. 2 (2025), 815-825 doi:10.4995/agt.2025.23324
8	Generalization Of Kannan Results For Metric Interval Space Without Space Completeness And Application To Obtain Near Fixed Interval Ellipse	Applied Mathematics E-Notes	25(2025), 15-30 http://www.math.nthu.edu.tw/amen/ ISSN 1607-2510
7	Characterization of Normed Interval Space Without Using Space Completeness	Journal of Advanced Mathematical Studies	Vol- 17(2024), No -3, 310-320
6	On discontinuity at fixed point via power quasi-contraction	De L'institut mathematique	DOI 10.2298/PIM 2022005B (2020), page 5-11
5	Weighted goal programming approach in the bakery production planning problems	International Journal of Management, IT and Engineering	Vol-9 issue -01, 2019, page 548-556
4	On asymptotic regularity and common fixed points	Journal of Analysis, Springer – 2019	DOI 10.1007/S41478-019-00213-0
3	Fixed point theorems for generalized non-expansive mappings	Jnanabha	Vol 49 (2) -2019 page 1-5
2	Common fixed points for faintly compatible mappings	Mathematics moravica	Vol 21 (2)-2017 page 51-59
1	Fixed point theorems for generalized multivalued contraction	Journal of analysis (springer) – 2017	DOI 10.1007/s41478-017-0067-0 (2017)

Chapters in edited books:

Sr. no.	Name of chapter	Name of edited book	Publisher	Additional information
6				
5	Uttarakhand's Education Odyssey: Strengthening Foundation and Building a Skilled Future	Uttarakhand at 25: A Himalayan State With Infinite Possibilities	CPPGG, Department of Planning, Govt of Uttarakhand	2025, ISBN 978-93-6028-532-6
4	Contribution of Indian Women in Environmental Sustainability: A Historical Study	Gender Roles and Green Concepts: Pathways Towards Environmental Sustainability	Britain Book Company, London, UK	2024, ISBN 978-1-8384965-1-7
3	Concept of Entrepreneurship & Its Role in Women's Empowerment	Women's Empowerment in Uttarakhand	Kunal Books, Delhi	2023, ISBN 978-93-95651-99-6
2	Coincidence Point Theorem For Non-Expansive Type Mapping & An Application To Dynamic Programming	Fixed point theory and its applications to real-world problems	Nova Science Publisher (USA)	2021, ISBN-978-1-53612-085-1
1	Scope Of Sustainable Development Through Environmental Education	Environmental education for social sustainability: a blueprint for survival	Adhyayan Publisher New Delhi	ISBN-978-81-8435-468-3 (2017) Chapter 7, Pages 76-91

Articles in Magazines/Newspapers:

Sr. no.	Name of Article	Magazine/Newspaper	Publisher(s)	Additional information
10				
9	Galti se mili seekh bani sachhi pahchan	Amrit Vichar	Amrit Vichar	Nov 08, 2025
8	विद्यार्थियों के सवारंगीण विकास हेतु शिक्षकों की भूमिका	सजग	पूरन जोशी, तिलक जोशी, SSJ Univ Almora	Sept 2025
7	Lok parivesh main ganit	Shaikshik dakhal	Rajiv Joshi	July 2025
6	Pustakalayon ki upyogita	Bagwal	Bagwai mela samite, Bagwalipokhar, Almora	2022

5	बात पर बात	प्रबोधनी (College Magazine)	Principal, College	MBGPG	संयुक्तांक (2017-22)
4	Be a Leader	Unnayan	Principal, Dwarahat, Almora	GPGC	
3	Chhoti si asha	Unnayan	Principal, Dwarahat, Almora	GPGC	2014-15
2	Intellectual Property Rights- An Introduction	College Magazine	Principal, Champawat	GPGC	March 2015 (Pages 21-22)
1	Andhviswas	College Magazine	Principal, Champawat	GPGC	संयुक्तांक 2013-2015 (Pages 04-05)

As an Editor/Co-editor:

Sr. no.	Editor(s)	Name of edited book	Publisher	Additional information
4				
3	Dr Pratibha Negi & Dr Narendra Kumar Singh	Women Empowerment in Uttarakhand	Kunal Books, Delhi	2023, ISBN 978-93-95651-99-6
2	Dr Prem Prakash, Dr Amita Prakash & Narendra Kumar Singh	Environmental Education For Social Sustainability: A Blueprint For Survival	Adhyayan Publisher New Delhi	ISBN-978-81-8435-468-3 (2017)
1	Dr Prem Prakash & Narendra Kumar Singh	Environmental Economics & Social Sustainability	Durga Maa Publication, Nainital	ISBN-978-81-920509-5-9 (2015)

Subject Related Courses:

Sr. No.	Course name	Organizing institute/university	Duration	Participated as
19	20 th Uttarakhand State Science & Technology Congress 2025	UCOST Dehradun	Nov 28-30, 2025	Resource Person
18	Advance Refresher Course	IISc Challakere Campus	Aug 15-30, 2025	Participant
17	International Conference On Advances In Computer Science, Electrical, Electronics, And Communication Technologies	Graphic Era Hill University, Bhimtal	Feb 21-22, 2025	Session Chair
16	GIAN Course on "The Fixed Point Problem: The Old & The New"	Department Of Mathematics, Aligarh Muslim University	Feb 04-08, 2025	Participant

15	2 nd MERU Combinatorics Conference 2024	Graphic Era Hill University, Bhimtal	June 1-3, 2024	Participant
14	National Workshop On Abstract Algebra (Sponsored By USERC)	LSM PG College Pithoragarh (S.S.J. University, Almora)	March 17-18, 2023	Resource Person
13	17 th Uttarakhand State Science & Technology Congress 2023	UCOST Dehradun	Feb 10-12, 2023	Resource Person
12	Instructional School for Teachers (TIFR)	USERC Dehradun	June 13-25, 2022	Resource Person
11	National Workshop On Real Analysis (Sponsored By USERC)	S.S.J. University, Almora	March 28-02, 2022	Resource Person
10	Annual Foundation School (Afs-I)	IISER, Bhopal	Dec 03-29, 2018	Participant
09	Instructional School For Teachers On Functional Analysis	Bhaskaracharya Pratishthan, Pune	Oct 23- Nov 04, 2017	Participant
08	International Workshop-Cum-Conference On Complex Analysis: Geometric & Dynamical Aspects	CEMS, SSJ Campus Almora	Nov 14-19, 2016	Participant
07	SERC School On Non-Linear Dynamics	Manipur University Imphal	Nov 18- Dec 08, 2015	Participant
06	Two-Week Summer Workshop For UG Students On Analysis & Algebra	CEMS, SSJ Campus Almora	June 22-July 04, 2015 CEMS	Resource Person
05	Refresher Course In Statistics, Mathematics, Computer Science & Information Technology	HRDC Nainital	Sept 25-oct 15, 2014	Participant
04	Orientation Course	JNU, New Delhi	Jan 13-Feb 7, 2014	Participant
03	Postgraduate Summer Workshop On “Analysis: With A Special Focus On Measure Theory”	CEMS, SSJ Campus Almora	May 17-june 07, 2013	Course Associate
02	One Week Instructional Workshop On “Scientific Computing: Theory & Practices”	Department Of Math, Stat. & Computer Science GB PUAT, Pantnagar	Oct 30-Nov 06, 2006	Participant
01	Faculty Development Programme (On Pedagogy, Soft Skills & Evolution)	Department Of Higher Education, Uttarakhand And ICFAI University Dehradun	April 02-April 16, 2006	Participant

Other Courses:-

Sr. No.	Course	Organized by	Duration	Participated as
07	Regional Workshop On Government E-Marketplace (Gem)	RUSA, Uttarakhand, At MBPG, Haldwani	Jan 10-11, 2020	Participant
06	Workshop On Awareness Generation For RTI	Dr. R.S. Tolia, Uttarakhand Academy Of Administration Nainital	July 01-03, 2019	Participant
05	Fire & Forest Fire: Mitigation Strategies	Dr. R.S. Tolia, Uttarakhand Academy Of Administration, Nainital	Aug 08-10, 2018	Participant
04	PRCN – Course	Officers' Training Academy Kampti (Nagpur)	Dec 22, 2014-March, 2015	Participant
03	NPTEL Workshop	Nptel And Amrapali Int. Of Tech. & Mgmt. Nainital	Aug 21-23, 2014	Participant
02	Refresher Course On Updates Of IPRs	Haryana State Council For Science & Technology, Chandigarh	June 10-11, 2014	Participant
01	Workshop On Red Ribbon Clubs (Campaign Against Sex Selection & Pre-Birth Elimination Of Females)	NSS Cell, KU, Nainital, At GPGC Dwarahat	Oct 18-20, 2011	Resource Person

Science Outreach Programmes:-

Sr. No.	Programme	Organized by	Duration	Participated as
17				
16	State Level Inter-School Tech Fest Championship on 22nd	Doon Convent School, Haldwani, Nainital	November 22, 2025	Chief Guest and Judge
15	Dr. A. P. J. Kalam State Science, Mathematics & Environment Conclave 2025	SCERT Dehradun	Nov 19-21, 2025	Resource Person
14	District Youth Mahotsav	Yuva & PRD, Nainital	Oct 31, 2025	Resource Person
13	DRG- Mathematics Workshop	DIET Bageshwar	Aug 4-7, 2025	Resource Person
12	Summer School, June 2025	GEHU Bhimtal & NASI,	June 20-26,	Resource

		Allahabad	2025	Person
11	Science Outreach Programme For Class XI & XII	C N Rao Foundation & HGVS, Gangolihat (Pithoragarh)	May 9-10, 2025	Resource Person
10	District Youth Mahotsav	Yuva & PRD, Nainital	Oct 26, 2024	Resource Person
09	DRG- Mathematics Workshop	DIET Bhimtal, Nainital	October 04, 2024	Resource Person
08	Science Outreach Programme For Class XI & XII	C N Rao Foundation & HGVS, Gangolihat (Pithoragarh)	May 7-9, 2024	Resource Person
07	Dr A P J Kalam State Science, Mathematics & Environment Conclave 2022	SCERT Dehradun	Nov 23-26, 2022	Resource Person
06	First State Level Border Districts Children Science Conclave-2022	UCOST Dehradun	Nov 19-20, 2022	Resource Person
05	Science Outreach Programme For Class XI & XII	C N Rao Foundation & HGVS, Gangolihat (Pithoragarh)	April 25-26, 2022	Resource Person
04	Science Outreach Programme For Class XI & XII	C N Rao Foundation & HGVS, Gangolihat (Pithoragarh)	May 04-06, 2019	Resource Person
03	Summer School On the Basics Of Mathematics For Class XI & XII	Kumaun Public School Dwarahat (Almora)	June 13-20, 2015	Resource Person
02	Evening Enrichment School For Class X, XI, XII (Mathematics) Students	Jawahar Navodaya Vidyalaya, Champawat	Dec -15-24, 2013	Resource Person
01	Winter Enrichment Programme For Class XI & XII (Maths) Students	SS Public School Gadarpur (US Nagar)	Jan 16-30, 2012	Resource Person

Organizing member of –

Sr. No.	Programme	Organized by	Duration	Participated as
17	Two Day Workshop on “Some Basic Features of Analysis”	Department of Mathematics, MBGPG College, Haldwani	January 05-06, 2026	Organizing Secretary
16	Two-Week National Workshop on “Fields & Galois Theory”	Department of Mathematics,	Jan 04-13, 2026	Organizing Secretary

		MBGPG College, Haldwani		
15	3-Day Madhav Mathematics Camp	Department of Mathematics, MBGPG College, Haldwani	Jan 05-07, 2026	Organizing Secretary
14	Two-Week National Workshop On Basic Concepts Of Mathematics & Recent Trends In Quantum Mechanics	Department of Mathematics & Physics, MBGPG College, Haldwani	January 20- 31, 2025	Organizing Secretary
13	One week Summer Workshop followed by a day Seminar	Department of Mathematics, MBGPG College Haldwani	June 7-15, 2024	Organizing Secretary
12	One-week lecture series on “ Core Topics of Algebra & Analysis ”	GPGC Dwarahat (Almora)	Aug – 02-07, 2021	Organizing Secretary
11	National workshop on Basics of Linear Algebra	GPGC Dwarahat (Almora)	Jan 03-10, 2021	Organizing Secretary
10	National webinar on “शिक्षा – परीक्षा एवं छात्र मनोदशा एक परिचर्चा”	GPGC Dwarahat & GDC someshwar	July 21, 2020	Organizing Secretary
09	One Week FDP on Traditional & Modern Optimization Techniques	BTKIT, Dwarahat (Almora)	Sept 16-20, 2019	Organizing Secretary
08	Two days Workshop on “पहाड़ – पानी – परंपरा	GPGC Dwarahat (Almora) with नौला फाउण्डेशन	Aug 11-12, 2019	Organizing Secretary
07	National Seminar On Socio-Economic Impact Of Ecological Ignorance In Development: Raising Disastrous Possibilities	GPGC Dwarahat (Almora)	May 06-07, 2017	Co-Organizing Secretary
06	8 th Conference of the Indian Science Congress Association (Haridwar Chapter)	Department of Mathematics, DSB campus Nainital	Oct 17-19, 2016	Member of Organizing Team
05	19th International Conference Of International Academy Of Physics Science & Symposium On Fixed Point Theory & Dynamical System	Department of Mathematics DSB Campus Nainital	Oct 17-19, 2016	Member of Organizing Team
04	Nano Technology: Future Scenario” with INST, Mohali	GPGC Dwarahat (Almora)	April 28, 2015	Organizing Secretary
03	Madhav Mathematics Competition(MMC)	GPGC Dwarahat (Almora)	Jan 2015 Onwards	Organizing Secretary
02	National Conference on Environmental Economic & Social Sustainability	GPGC Dwarhat (Almora)	Dec 04-05, 2014	Co-Organizing secretaries
01	Centre for Excellence in Mathematical	GPGC Dwarahat	July 2014	Organizing

	Sciences (CEMS)	(Almora)	Onwards	Secretary
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Talk delivered at:-

Sr. No .	Talk	Institute/University	Date
25	Two Talks on “Data Interpretation” and “Social Statistics”	Workshop for UG students to develop a Minor research project/ Dissertation at Uttarakhand Open University, Haldwani	Jan 07, 2026
24	Existence and Uniqueness Theorem for Best Proximity Points	International e-Conference on Recent Developments in Pure and Applied Mathematics (RDPAM-2025), Department of Mathematics and IQAC, Government Degree College, Chakrata (Dehradun)	November 13-14, 2025
23	Importance of AI for Better Pedagogy of Mathematics in the Hills of Uttarakhand	International Conference on Recent Trends in Artificial Intelligence (ICRTAI-2025), Sridev Suman Univ (Rishikesh Campus)	Oct 15-16, 2025
22	Some Recent Results on Best Proximity Points In Complete Metric Spaces	International Conference On Mathematical Sciences: Emerging Applications In Engineering & Environmental Sustainability, UPES Dehradun	May 29-30, 2025
21	Generalization Of Kannan Results for Metric Interval Space Without Space Completeness & Some Applications	2 nd International Conference on Emerging Trends In STEM & Health-Agri Sciences for Sustainable Development, MIET Haldwani	February 24-25, 2025
20	Role Of Science & Technology in Achieving Sustainable Development Goals for Community Development	XVII Agricultural Science Congress of NAAS, at GBPUAT Pantnagar on Feb 20-22, 2025	February 21, 2025
19	Mathematics: Challenges in the Himalayan Perspective	19 th Uttarakhand State Science & Technology Conference, Dehradun	Nov 28-30, 2024
18	Fixed Point Theory & Some of Its Applications	International Conference on Recent Advances In Computational Mathematics & Sciences, Bhupal Nobles University, Udaipur	Oct 17-18, 2024
17	Metric Completeness Through a Generalized Best Proximity Theorem	International Conference On “Non-Linear Analysis & Applications” Sri Dev Suman Univ, Rishikesh	May 10-12, 2024

16	A Study of Proximity Points in Different Settings Of Contraction	1 st International Conference On “Emerging Trends in STEM & Health-Agri Sciences For Sustainable Development” MIET, Haldwani	March 11-12, 2024
15	(i) Cantor Set & Its Properties (ii) Discontinuous Functions	Four-Day Seminar on “Mathematics: Vision & Development” Central University of South Bihar, Gaya	Feb 12-15, 2024
14	Gender Gap In Mathematics: Truth Or Myth	International Conference on “Gender Roles & Green Concepts: Pathways Towards Environmental Sustainability” MBGPGC Haldwani	Jan 8-9, 2024
13	Applications of Real Analysis in Life	Two-Day Workshop on “Mathematics in Day-to-Day Life” National Academy of Sciences In India, Prayagraj	Dec 21-22, 2023
12	A Journey of Non-Linear Analysis Through The Window Of Fixed Point Theory	National Conference on “Recent Advances In Theoretical & Experimental Sciences” GPGC Jaiharikhal, Pauri	Sept 29-30, 2023
11	Geometrical Interpretation of Fixed Points in Various Spaces	International Conference on “Differential Geometry & Relativity” SSJ Univ. Almora	May 18-20, 2023
10	Some Applications Of Fixed Point Theory	National Conference Of Mathematics & Its Applications In Sciences, UOU Haldwani	Dec 22-23, 2022
09	Five Different Yet Equivalent Conditions to Show Completeness Of \mathbb{R}	Maitreyi College (University Of Delhi)	April 09, 2022
08	Mathematics: An Intuitive Approach	Gpgc Ramnagar (Nainital)	Dec 09, 2021
05	Metrics Spaces & Evolution Of the Fixed Point Theorem	68 th Annual Conference Of Bharat Ganit Parishad Srmu, Barabanki (UP)	Nov 17-18, 2021
04	“Some Basic Statistical Tools”	Government Degree College Sitarganj (U.S. Nagar)	Sept 11, 2021
	“How To Think Mathematically In A Physical World”	Swami Vivekanand Govt. College Nagela, Uj Jain (Mp)	Aug 28, 2020
	Schroeder- Bernstein Theorem	Userc, Dehradun	Aug 02, 2021
03	Brief Survey Of Fixed Point Theory	National Conference On Integrity Of Mathematics In Advancement Of Science, Technology & Management At Mbgpg Haldwani	March 20-21, 2021
01	A Detailed Study Of Ancient Indian Mathematics And Their Works For Sustainable Development	Gdc Karnprayag (Chamoli)	Oct 17-18, 2014
	“Intellectual Property Rights”	Gdc Champawat	Feb 18,

			2014
	"Intellectual Property Rights"	Gpgc Lansdowne Pauri Garhwal	Aug 31, 2013

Writing Works:-

Sr. No.	Name of Work	For	Publisher	Year
(vi)	'3 Units' Of 'Dynamical System'	Uttarakhand Open University, Haldwani	UOU, Haldwani	2022
(v)	'4 Units' Of 'Real Analysis'	Uttarakhand Open University, Haldwani	UOU, Haldwani	2021
(iv)	'3 Units' Of 'Linear Algebra'	Uttarakhand Open University, Haldwani	UOU, Haldwani	2020
(iii)	'5 Units' Of 'Calculus Of One Variable'	Uttarakhand Open University, Haldwani	UOU, Haldwani	2019
(ii)				
5(i)	'4 Units' Of 'Bio-Statistics'	Uttarakhand Open University, Haldwani	UOU, Haldwani	2018
4	Mathematics III (Calculus)		Pragati Prakashan Meerut (2023)	ISBN 978-93-5854-055-0
3	Geometry		Pragati Prakashan Meerut (2023)	ISBN-978-93-5531-815-2
2	A Text Book of Differential Calculus		S.J. Publication Merrut (2022)	ISBN-978-93-95562-08-9
1	A Text Book Of Numerical Methods (For UG Students)		S.J. Publication Merrut (2019)	ISBN-978-93-87007-71-0

Membership of Academic Societies:-

1. Indian Society of History of Mathematics.
2. Indian Mathematical Society
3. Ramanujan Mathematical Society

Other Administrative Responsibilities:-

18. State Co-ordinator of Madhav Mathematics Competition (funded by NBHM) (2025 to date).
17. Member of the Advisory Board of STEM Lab (2024- to date).
16. Member of Proctorial Board (2005- to date)
15. Nodal of IPR Cell (2024- to date)
14. Member of RDC (Research & Development cell), MBGPG College (2024- to date)
13. Member of Entrepreneurship Development Cell (2024- to date)
12. Nodal of Study Centre of IIRS, Dehradun_(2024- to date)
11. Member of IQAC_(2024- to date)
10. Coordinator of Admission for B.Sc.(PCM) First Semester (2022- to date)
9. Member of Students' Union Election Committee (2022- to date)
8. Assistant Coordinator of UOU Study Centre at MBGPG COLLEGE (2022- to date)
7. RUSA NODAL (2019- July, 2022)
6. Exam In-Charge (2019-2022)
5. IQAC In-charge (2018-2021)
4. AISHE In-charge (2018-2021)
4. Admission Coordinator (2013-2016)
2. Sports In-Charge (2013-2016)
1. NCC – ANO (2014-2021)

Research Scholars: Number of Ph.D. candidates completed = 0

Number of Ph.D candidates currently working =04

Teaching Endeavour:-

1. My Emphasis on a better **teacher–student relationship & healthy classroom environment** can be confirmed from my present (as well as previous) institutions.

2. At the Undergraduate level, I always start with a **15-day foundation course** in the basics of mathematics. It helps all students to improve their fundamentals & many of them decide at an early stage to make a career in higher mathematics.
3. Being a Hindi medium student up to class 12, I can understand the challenge that our rural background students face. I have created approximately 12 pages of vocabulary, beneficial for our B.Sc. first-semester/year students, specifically for Hindi-medium students. This not only improves their vocabulary but also helps diminish inferiority complexes.
4. I run a YouTube channel "**N SIJWALI MATHEMATICS**" to expand the knowledge boundary beyond by classroom. I always welcome all learners in this online mode. There are more than **1200 Quality Lectures** for students.
5. During the COVID-19 phase, I taught mathematics to postgraduate students of SSJ Campus and Kumaun University Nainital (Almora) through Online mode. I taught Functional Analysis, Measure Theory, Linear Algebra, Number Theory, and Real Analysis.

Paper Presentation In conferences/seminars:-

- 11.** Presented a paper, "A Generalized Common Fixed Point Theorem for Contractive Mapping," in the International Conference on "Emerging Trends in Engineering, Management & Science" during April 27-28, 2019, at Graphic Era Hill University, Bhimtal.
- 10.** Presented a paper, "A Brief Survey of Frame Theory" in the National Conference on "Advances in Mathematics & its Application", during March 17-18, 2018, at MBPG College, Haldwani.
- 9.** Presented a paper, "A Brief Survey of Hilbert Frames" in the 2nd International Conference on "Recent Trends of Computing in Mathematics, Statistics & Information Technology" during March 09-11, 2018, at Bundelkhand University, Jhansi.
- 8.** Presented a paper, "A Brief Survey of Frame Theory & its Applications" in the 8th Conference of the Indian Science Congress Association (Haridwar Chapter) on "Reaching the Unreached through Science & Technology", during Oct 14-15, 2017 at DSB Campus, Nainital.
- 7.** Presented a paper "A Brief Survey of Frame Theory & its Applications" in the International Conference on "History of Mathematical Science" during Oct 05-07, 2017, at SGRR (PG) College, Dehradun.
- 6.** Presented a paper, "Common Fixed Point(s) under Multivalued Mappings" in the International Conference on "Mathematics & Applications" during April 26-28, 2017, at Ramjas College, University of Delhi.
- 5.** Presented a paper "A Survey on Dynamics of Functions" in the 19th Annual Conference of Vijnana Parishad of India on "Recent Advances in Mathematics & Mathematical Sciences and

their Applications” during Nov 10-12, 2016, at HNB Garhwal (Central) University, Pauri (Garhwal).

4. Presented a paper “Some Fixed Point/Common Fixed Point in Metric Spaces” at the National Conference on “Progressive Science and Engineering” during Oct 24-25, 2016, at the Institute of Technology, Gopeshwar (Chamoli)

3. Presented a paper “A Survey On the Dynamics of Single Parameter Quadratic & Cubic Polynomials” in the 19th International Conference of the International Academy of Physical Sciences & Symposium on Fixed Point Theory & Dynamical Systems” during October 17-19, 2016, at DSB Campus, Nainital.

2. Presented a paper “The Numerical Study of Unsteady Free Convectional Flow with Radiation & Chemical Reaction Effect” in the National Conference on “Recent Advances in Statistical & Mathematical Science & Their Applications” during Oct 04-06, 2014 at SSJ Campus, Almora.

1. Presented a paper “A Mathematical Model for Sustainable Development using Soft-Computation” in the ‘National Seminar’ on “Environmental Economic & Social Sustainability” during Dec 04-05, 2014 at GPGC Dwarhat (Almora).

Awards/ Recognition:

Sr. No.	Name of Award/ Recognition	Host Organization/ Institution	Duration
8			
7	Teacher of the Year Award - 2025	UCOST Dehradun	Nov 14, 2025
6	Best Performing Participant in Advanced Refresher Course (Mathematics)	IISc Bengaluru	Aug 15-30, 2025
5	Anandi Devi Siksha & Sahitya Ratna Samman	Doon Convent School Haldwani	Sept 29, 2024
4	Uchh Shiksha Samman – 2023	Dwarahat Mahotsav Samiti	Oct, 2023
3	Utkrisht Shikshak Samman- 2022	Bagwai Mela Samiti, Bagwalipokhar	Nov 2022
2	Siksha Utkrishta Puraskar- 2022	MIET Haldwani & Amar Ujala	Sept 22, 2022

1	INST C N R Rao Teacher Award	INST Mohali	APRIL 2013
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Courses Taught: Real Analysis, Complex Analysis, Measure Theory, Topology, Functional Analysis at UG & PG levels.

DECLARATION

I hereby declare that the above-mentioned particulars are true according to the best of my knowledge.

(Dr. Narendra Kumar Singh)