

CURRICULUM VITAE

1. General Information

- a) Name : Dr. Jitendra Singh
- b) Date of Birth : 01/04/1981
- c) Address (Residential) : Door No. 28, First Cross Street,
Bharathi Nagar, Karaikal,
U.T. of Puducherry, Pin-609602
- d) Designation : Assistant Professor & Head,
NSS Programme Officer
- e) Department : Mathematics
- f) Area of Specialization : Number Theory,
Complex Analysis,
Special Functions, (In particular
Ramanujan's Mathematics)
- g) Date of Appointment (Initial) : 29/01/2018
- h) (i) In the institution : 29/01/2018
(ii) In the present post/level : 29/01/2018 (Level 10)

2. Academic Qualifications

Exam Passed	Board/ University	Subjects	Percentage/Rank	Year
Bachelor's Degree (s) B.Sc./ BA/B.Com	M.J.P Rohilkhand University, Bareilly	Physics, Chemistry, Mathematics	70.52%	2002
Master's Degree (s) M.Sc./ MA	University of Lucknow	Mathematics	60.50%	2004
CSIR-NET	CSIR-HRDG	Mathematical Sciences	A.I.R. 6th	June 2010
Ph.D.	University of Lucknow	Mathematics	N.A.	2012
Certificate in Proficiency in French	University of Lucknow	French Language	75.00%	2008
Certificate Course in Yoga	University of Lucknow	Yoga	58.00%	2003

3. Experience:

Teaching

Total Teaching Experience : **20 Years 06 Months**

a) Under-graduate : 20 Years 06 Months

b) Post-graduate : 08 Years 00 Months

Research (excluding Ph.D.)

Total Research Experience :

4. Publication of books/chapter in edited book

(For publication of books/chapter in edited book, kindly fill the following details)

Type (Regional / National/ Inter- national)	Title of Book	Chapter in case of edited book	Name of the author(s)	Name of the Publisher	Year of public ation	ISBN / ISSN numbe r	Contributio n (Principal/ Co-author)
Inter- national	Recent Advances in Special Functions and their Applicatio ns	The Values of Riemann Zeta Function for the Integers	Jitendra Singh	University of Kerala	2024	978-93- 340- 9964-5	Sole Author

5. Professional Development

Details regarding refresher courses/orientation attended, Faculty Development Programmes, participation in summer or winter schools/workshops, NEP Sensitization programmes etc

Sl. No	Details of the Professional Competence	Organizing Institute/Agency and Place	Duration and number of days
1.	REFRESHER COURSE (ONLINE) IN BASIC AND APPLIED SCIENCES	UGC-MMTTC, Guru Nanak Dev University, Amritsar	Feb 23 –Mar 07, 2026 (Two Weeks)
2.	National-Level Online Hands-on workshop on Computational Mathematics with SCILAB	Indian Mathematics Professors Association (INMPA) and Infinity Research and Development Institute (IRDI), India	12–13 January, 2026 (2 Days)
3.	REFRESHER COURSE IN MATHEMATICS	UGC-HRDC, Pondicherry University	Oct 04 -17, 2023(14 Days)
4.	ONLINE TWO WEEK REFRESHER COURSE IN MATHEMATICAL SCIENCES	Teaching Learning Centre, Ramanujan College, University of Delhi	14 - 28 June, 2021 (15 Days)
5.	130 th ORIENTATION COURSE	UGC-HRDC, Pondicherry University	Nov 20 - Dec 10, 2019 (21 Days)
6.	ORIENTATION PROGRAMME	ACADEMIC STAFF COLLEGE, University of Lucknow	June 01 to 29, 2012 (29 Days)
7.	Two Days Training Workshop on LaTeX Scientific Documentation	MathTech Thinking Foundation (MTTF), India	Jan 15 – 16, 2022 (02 Days)
8.	One Week Faculty Development Programme on Computing With Matlab And LaTeX Software	Baba Farid College, Bathinda, India & Mizan-Tepi University, Ethiopia in collaboration with MathTech Thinking Foundation (MTTF), India	January 5 – 11, 2022 (07 Days)
9.	Five Days e-Workshop on LaTeX	Department of Mathematics, School of Science, GITAM, Bengaluru, India	July 5 - 9, 2021 (05 Days)
10.	ISTE WORKSHOP on Fluid Mechanics	IIT Kharagpur	May 20- 30, 2014 (11 Days)
11.	ISTE WORKSHOP on Signals & System	IIT Kharagpur	Jan 02 - 12, 2014 (11 Days)

6. Research Publication and Awards:

a) List of papers published in International/National Journals (SCI/ SCOPUS/ UGC care listed)

S. NO.	Type (Regional/ National/ International)	Title of the paper	Name of the author(s)	Name of the Journal and Publisher	Vol. No., Year of publication and page Number	ISBN / ISSN	Contribution (Principal/Co-author)
1.	International	Ramanujan's Continued Fractions of Order Six and Twelve with Their Interesting Properties	Jitendra Singh	International Journal of Science and Engineering Science Research	Vol. 2(1), 2026, page 12-31 DOI: https://doi.org/10.63671/ijses.r.v2i1.78	3049-2793	Single Author
2.	International	Irrational Behavior of Bilateral Mock Theta Functions	Jitendra Singh	International Journal of Science and Engineering Science Research	Vol. 1(4), 2025, page 79-91 DOI: https://doi.org/10.63671/ijses.r.v1i4.64	3049-2793	Single Author
3.	International	Sums over Partitions into Distinct Parts	Jitendra Singh	International Journal of Science and Social Science Research	Vol. 2(4), 2025, page 208-216 DOI: https://doi.org/10.63671/ijsss.r.v2i4.294	2583-7877	Single Author
4.	International	Irrational Behaviour of Bilateral Mock Theta Functions of Order Seven at Infinite Number of Points	Jitendra Singh	International Journal of Science and Social Science Research and Dr. Ashish Kumar Shukla	Vol. 1(2), 2023, page 1-11 DOI: https://doi.org/10.63671/ijsssr.v1i2.9	2583-7877	Single Author

5.	National	Behaviour of Bilateral Mock Theta Functions of Order Nine at Infinite Number of Points	Jitendra Singh	GANITA and Bharat Ganita Parisad	Vol. 72(1), 2022, page 383-389	0046-5402	Single Author
6.	National	Irrationality of Bilateral Mock Theta Functions of Order Five at Infinite Number of Points	Jitendra Singh	GANITA and Bharat Ganita Parisad	Vol. 70(1), 2020, page 115-125	0046-5402	Single Author
7.	National	The Bailey Pairs and Partial Theta Function	Jitendra Singh	GANITA and Bharat Ganita Parisad	Vol. 66, (2016), page 65-76	0046-5402	Single Author
8.	International	The Bailey Pairs and Partial Theta Function II	D.P.Shukla and Jitendra Singh	Math Sci. Res. Journal And Global Publishing Company, USA	17, (6), (2013), page 156 – 166	1537-5978	Principal Author
9.	International	Partial Theta Function Identities	D.P.Shukla and Jitendra Singh	Math Sci. Res. Journal And Global Publishing Company, USA	14, (2), (2010), page 27 – 32	1537-5978	Principal Author
10.	National	Relation between	Jitendra Singh	Lucknow Journal of	Vol. 5, no. 1 & 2, (2008),	0974-8121	Single Author

		Mock Theta Functions and their Partial Mock Theta Functions of Order 5, 6, 7 and 8		Science And Lucnow University Teacher's Academic Publication Society	page 21 – 30.		
11.	National	Generating Function of Partial Mock Theta Functions of Order 2, 6, 8 and 10	Jitendra Singh	Lucknow Journal of Science And Lucnow University Teacher's Academic Publication Society	Vol. 4, no. 2, (2007), page 41 – 49	0974 -8121	Single Author

b) Attended the Conference/Seminar/Workshop/Invited Lectures / Proceeding Papers/

Sl. No.	Title of the Paper Presented/ Invited Lecture	Title of Conference / Seminars	Organized By	Date(s)	Whether International / National / Regional / College / University Level	Whether published as full proceeding as paper or not (Yes/No)
1.	Behaviour of Bilateral Mock Theta Functions of Order Seven at Infinite Number of Points	International e- Conference on Number Theory and Differential Equations (ICND-2021)	Department of Mathematics, School of Physical Sciences, Central University of Karnataka, Kalaburagi-585 367, India	December 20-24, 2021	International	No
2.	Behaviour of Bilateral Mock Theta Functions of Order Nine at Infinite	Conference on Analysis and Applications, An International	Shree Ramswaroop Memorial University, Lucknow (India)	November 17-18, 2021	International	No

	Number of Points	Meet (CAAIM-2021)				
3.	Irrationality of Bilateral Mock Theta Functions of Order Nine	International Conference on Special Functions & Applications (ICSFA-2020)	Babu Banarasi Das University, Lucknow (India)	December 22-23, 2020	International	No
4.	Irrationality of Bilateral Mock Theta Functions of Order Seven at Infinite Number of Points	International Conference on Special Functions & Applications (ICSFA-2018)	Amal Jyothi College of Engineering, Kanjirappally, Kottayam, Kerala (India)	November 22-24, 2018	International	No
5.	Irrationality of Bilateral Mock Theta Functions of Order Five at Infinite Number of Points	Differential Analysis	Department of Mathematics & Astronomy, University of Lucknow	November 19-20, 2016	National	No
6.	The Bailey Pairs and Partial Theta Function II	The 100th Indian Science Congress 2013	Calcutta University, Kolkata	January 3-7, 2013	International	No
7.	The Bailey Pairs and Partial Theta Function	National Seminar on Analysis and its Applications (NSAA-2011)	Calcutta Mathematical Society, Kolkata	September 6-7, 2011	National	No
8.	Generating Function of	Conference on Mathematics	Department of Mathematics	December 22-23, 2008	National	No

	Partial Mock Theta Functions of order 2, 6, 8 and 10	2008	& Astronomy, University of Lucknow			
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c) Research Projects:

Type of the Project (Major/Minor)	Title of the Project	Name of the funding agency	Fund Allocated	Duration

d) Details of Seminars, Conferences, Symposia, workshops etc organized

Sl. No.	Title	Name of the funding agency	Duration

e) Number of students guided (PG Dissertation/M.Phil./ Ph.D.)

Course	Completed Awarded	(Degree Dissertation / Thesis Submitted
PG Dissertation	55	55
M. Phil.		
Ph.D.		

f) Awards:

g) Patents taken, if any, give a brief description:

h) Membership of Professional Bodies, Editorship of Journals etc. :

1. Life Membership of **The Indian Science Congress Association**, 14, Dr Biresh Guha Street, Kolkata, West Bengal, India.
2. Life Membership of **Bharata Ganita Parisad**, Department of Mathematics and Astronomy, University of Lucknow, Lucknow, U.P., India