

## Cirriculum Vitae

1. **Name:** Dr. Virender Pal Singh
2. **Parentage:** S. Jaspal Singh
3. **Date of Birth:** 23<sup>rd</sup> June 1979
4. **Sex :** Male
5. **Nationality:** Indian
6. **Educational Qualification:**



S.No.	Class	University	Subjects	Marks obtained/M	%age/Grade	Year of Passing
1.	B.Sc.	Jammu University	PCM	1199/1650	72.66	2000
2.	M.Sc.	-do-	Mathematics	1194/1650	72.36	2002
3.	M.Phil	-do-	Mathematics	--	A	2005
4.	Ph.D.	-do-	Mathematics	--	--	2012

7. **Current Position:** Assistant Professor (Sr. Scale)
8. **Current Posting:** Shri Pandit Prem Nath Dogra Govt. Degree College Samba, JKUT from 27<sup>th</sup> January 2021 till date.
9. **Previous Postings:** Worked in Govt. Degree College, Hiranagar from 20<sup>th</sup> August, 2016 to 27<sup>th</sup> Jan. 2021.
10. **Previous Positions held:** Previously worked as a Lecturer in School Education Department from 05<sup>th</sup> March 2009 to 19<sup>th</sup> August 2016. Prior to that worked as Junior Statistical Assistant and Statistical Assistant from 14<sup>th</sup> Nov., 2006 to 04<sup>th</sup> March, 2009.
11. **Paper Presentations: -**
  - i) Presented a paper entitled "Frames on Weighted sequence spaces" in the 20<sup>th</sup> Annual conference of the Jammu Mathematical Society and a National seminar on "Topological Algebraic Analysis" held in the Department of Mathematics, University of Jammu from Feb 26-28, 2010.

- ii) Presented a paper entitled “Invariant and Reducing subspaces of Multiplication and Composition operators” in the 22<sup>nd</sup> Annual conference of the Jammu Mathematical Society and a National seminar on “Recent developments in Complex Analysis and related areas” held in the Department of Mathematics, University of Jammu from Feb 24-25, 2012.
- iii) Presented a paper entitled “Composite Convolution Operators on weighted sequence spaces” in a two-day National Conference on “Mathematical Sciences and Its Applications” organized by GGMSc College Jammu in collaboration with Department of Science and Technology, J&K from 19<sup>th</sup> to 20<sup>th</sup> January 2018.
- iv) Presented a paper entitled “Invariant and Reducing subspaces of Multiplication and Composition operators” in the 27<sup>th</sup> Annual conference of the Jammu Mathematical Society and a National seminar on “Recent Advances in Complex Analysis and Operator Theory” held in the Department of Mathematics, University of Jammu from Feb 15-17, 2018.
- v) Delivered a talk on Frames and Wavelets on weighted sequences spaces in the National Conference on “Recent Advances in Mathematics” held in the Department of Mathematics, Central University of Jammu from Oct. 4<sup>th</sup> -5<sup>th</sup>, 2018.
- vi) Presented a paper entitled “Reducing Subspaces of Composition operators on weighted sequence spaces” in the International Conference on Analysis and Its Applications ICAA-2019 held in Department of Mathematics, University of Jammu form Dec. 16<sup>th</sup> - 18<sup>th</sup>, 2019.

## **12. Published Research Papers: -**

- i) “Frames on the weighted sequence spaces” published in the Proceedings of 20<sup>th</sup> Annual Conference of Jammu Mathematical Society and A National seminar on Topological Algebraic Analysis, 2010.

- ii) “Invariant and reducing subspaces of multiplication and composition operators” published in the “**European Journal of Mathematical Sciences**” Vol. 2, No. 3, 2013.
- iii) “Weighted Composite Convolution operators on  $L^2(\mathbb{R})$ ” published in the **Asian Journal of Mathematics and Physics**, Volume 2013.
- iv) “Composite Convolution Operators on weighted sequence spaces” published in **Lobachevskii Journal of Mathematics** 2014, Vol. 35, No. 1.
- v) “Composite Convolution operators on  $L^2(\mathbb{R})$ ” accepted for publication in **JK Research Journal for Mathematics and Computer Sciences**.

### 13. Communicated Research Papers:

- i) “Reducing subspaces of Composition operators on weighted sequence spaces” communicated.

### 14. Seminars/ Schools/ Workshops/ Conferences attended: -

- i) The 14<sup>th</sup> Annual Conference of the Jammu Mathematical Society held from Feb. 20-22, 2004 in the **Department of Mathematics, University of Jammu**.
- ii) A National Conference on Analysis and its Applications held at Department of Mathematics, **Banaras Hindu University, Varanasi from Jan. 20-22, 2006**.
- iii) The 16<sup>th</sup> Annual Conference of the Jammu Mathematical Society held from March 01-03, 2006 in the **Department of Mathematics, University of Jammu**.

- iv)** An Advanced Instructional School in Functional and Harmonic Analysis supported by the **National Board of Higher Mathematics**, jointly conducted by the **Indian Statistical Institute and the Indian Institute of Science at ISI Bangalore from 3<sup>rd</sup> -28<sup>th</sup> July, 2006.**
- v)** **International Congress** and 8<sup>th</sup> Conference of Indian Society of Industrial & Applied Mathematics on certain emerging areas in applicable Mathematics and 17<sup>th</sup> Annual Conference on Jammu Mathematical Society held **at Deptt. Of Mathematics, University of Jammu from 31<sup>st</sup> Mar -3<sup>rd</sup> April, 2007.**
- vi)** An Advanced training in Mathematics (ATM) School (Workshop in Operator theory) supported by the National Board of Higher Mathematics conducted by **the Indian Statistical Institute, Bangalore from 11<sup>th</sup> -16<sup>th</sup> June, 2007.**
- vii)** **16<sup>th</sup> one day students conference organized by Jammu Mathematical Society held on 30<sup>th</sup> Nov. 2007 at Department of Mathematics, University of Jammu.**
- viii)** The 18<sup>th</sup> Annual Conference of the Jammu Mathematical Society held from Feb. 29<sup>th</sup> to March 2<sup>nd</sup>, 2008 in the **Department of Mathematics, University of Jammu.**
- ix)** The 19<sup>th</sup> Annual Conference of the Jammu Mathematical Society held from Feb. 27-28, 2009 in the **Department of Mathematics, University of Jammu.**
- x)** The 20<sup>th</sup> Annual Conference of the Jammu Mathematical Society and A National Seminar on “Topological Algebraic Analysis” held from Feb. 26<sup>th</sup> to 28<sup>th</sup>, 2010 in the **Department of Mathematics, University of Jammu.**
- xi)** The 21<sup>th</sup> Annual Conference of the Jammu Mathematical Society and A National Seminar on “Analysis and its Application” held from Feb. 25<sup>th</sup> to 27<sup>th</sup>, 2011 in the **Department of Mathematics, University of Jammu.**

- xii)** The 22<sup>th</sup> Annual Conference of the Jammu Mathematical Society and A National Seminar on “Recent Developments in Complex Analysis and related areas” held from Feb. 24<sup>th</sup> to 25<sup>th</sup>, 2012 in the **Department of Mathematics, University of Jammu.**
- xiii)** The **101<sup>st</sup> Indian Science Congress** held at University of Jammu from Feb 3<sup>rd</sup> to 7<sup>th</sup>, 2014.
- xiv)** Attended a four weeks **General Orientation Course** from 04-12-2017 to 31-12-2017 organised by **UGC Human Resource Development Centre, University of Jammu.**
- xv)** A two-day **National Conference** on “Mathematical Sciences and Its Applications” organized by G G M Sc College Jammu in collaboration with Department of Science and Technology, J&K from 19<sup>th</sup> to 20<sup>th</sup> January 2018.
- xvi)** **27<sup>th</sup> Annual conference** of the Jammu Mathematical Society and a National seminar on “Recent Advances in Complex Analysis and Operator Theory” held in the Department of Mathematics, University of Jammu from Feb 15-17, 2018.
- xvii)** Attended the **Instructional School for teachers on “Topology”** held at the **Indian Statistical institute, Bangalore** from May 14-26, 2018, organized by **National Centre for Mathematics (A joint centre of TIFR and IIT Bombay)**
- xviii)** Attended a **National Conference** on “Recent Advances in Mathematics” held in the Department of Mathematics, **Central University of Jammu** from Oct. 4<sup>th</sup> -5<sup>th</sup>, 2018.
- xix)** Attended a one-day **workshop** on “**Applied Mathematics**” organized by **Department of Mathematics, University of Jammu** on May 30<sup>th</sup>, 2019.
- xx)** Attended an **International Conference on Analysis and Its Applications ICAA-2019** held in Department of Mathematics, **University of Jammu** from Dec. 16<sup>th</sup> -18<sup>th</sup>, 2019.
- xxi)** Successfully completed one week workshop on “**Indian Knowledge System**” organised by UGC HRDC of University of Kashmir from 11<sup>th</sup> Sept. to 16<sup>th</sup> Sept. 2023.

*xxii)* Attended a two-week Instructional School for Teachers on “**Number Theory**” organised by National Centre for Mathematics at **NEHU, Shillong** from 26<sup>th</sup> June to 08<sup>th</sup> July, 2023.

#### **SWAYAM/ MOOC Courses:**

- i) Successfully completed a course on “**Discrete mathematics**” under **NPTEL Online Certification** in July-Oct, 2019 with Roll No. NPTEL19CS67S51530084.

#### **REFRESHER/ ORIENTATION/ FDP Courses:**

- 1) Successfully completed **General Orientation course** from 09-12-2017 to 31-12-2017 organised by UGS HRDC University of Jammu
- 2) Successfully completed **Refresher course in Disaster Management** from 03-01-2020 to 17-01-2020 organised by UGC HRDC University of Jammu.
- 3) Successfully completed **Refresher course in Mathematical Sciences** from 04-01-2021 to 17-01-2021 organised by UGC HRDC University of Jammu.
- 4) Successfully completed two weeks “**REFRESHER COURSE IN APPLICABLE MATHEMATICS**” organized by Teaching Learning Centre, Ramanujan College during 15-29, December 2021.
- 5) Attended Two Day International Webinar on “**An Introduction to GeoGebra**” Organized by **Department of Mathematics, St. Xavier’s College, Mapusa-Goa**, Catalysed and Supported by National Council for Science & Technology Communication, DST, Govt. of India, New Delhi and Goa State Council for Science & Technology, Saligao, Goa, on the occasion of National Mathematics Day 2021, held from 24th January to 25th January 2022.
- 6) Successfully completed one week **FACULTY DEVELOPMENT PROGRAMME ON “DATA ANALYTICS & MATHEMATICAL SOFTWARE**

**TOOLS**” organized by Teaching Learning Centre, Ramanujan College during 25 February - 03 March, 2022.

- 7) Successfully completed **ONLINE INTER-DISCIPLINARY TWO - WEEK REFRESHER COURSE ON “MANAGING ONLINE CLASSES & CO-CREATING MOOCs 15.0”** organized by Teaching Learning Centre, Ramanujan College during 6 - 20 June, 2022
- 8) Successfully completed **ONLINE TWO - WEEK REFRESHER COURSE IN “MATHEMATICAL SCIENCES”** organized by Teaching Learning Centre, Ramanujan College during 26 September- 10 October, 2022
- 9) Successfully completed two weeks **REFRESHER COURSE IN MATHEMATICS “Foundation Course in Vedic Mathematics”** organized by Teaching Learning Centre, Ramanujan College during 31 March - 13 April, 2024

#### **Achievements:**

- 1) Research paper entitled “Composite Convolution operators on  $L^2(\mathbb{R})$ ” was accepted for presentation in International Congress of Mathematics (ICM) 2018 at Rio de Janeiro, Brazil
- 2) Selected as master trainer for IKS (Indian Knowledge System) by IKS Division Ministry of Education, Govt. of India