



Dr. Jugal Kishore

**Assistant Professor in Mathematics (Sr. Scale),
Govt. Degree College, R. S. Pura, Jammu,
Department of Higher Education, J&K, India.**

Designation

Assistant Professor in Mathematics (Sr. Scale)

Qualification

B.Sc., M.Sc. M.Phil., Ph.D. (Mathematics).

Area of Specialization:

*Number Theory, Application of Group
Characters & Invariant Theory*

Teaching Experience

17 years

College

Govt. Degree College R. S. Pura

Email

jkish11111@gmail.com

Contact No.

7051842015

Location

Jammu, J&K, India

Experience

Work Experience (17 Years)

- 2023 – Current: Assistant Professor in Mathematics, Govt. Degree College R.S. Pura, Jammu, India*
- 2019 – 2023: Assistant Professor in Mathematics, Govt. College for Women, Udhampur, Jammu, India*
- 2013 – 2019: Assistant Professor in Mathematics, Govt. Degree College R.S. Pura, Jammu, India*
- 2012 – 2013: Assistant Professor in Mathematics, Govt. Degree College, Leh, India*
- 2009 – 2012: Assistant Professor in Mathematics, Govt. Degree College, Bishnah, Jammu, India*

Summary

Currently working at | *Govt. Degree College R. S. Pura, Department of
Higher Education, J&K*

Graduation	<i>Science</i>
Masters	<i>Mathematics</i>
M.Phil.	<i>Commutative Algebra and Representation Theory</i>
Ph.D.	<i>Number Theory</i>

Workshops, Seminars, Symposia, Webinar and FDP Attended

Workshops, Seminars, Symposia, Webinar and FDP Attended

- Attended Two days Convention on Elimination of all forms of discrimination against women (CEDAW) organized by Centre for Women studies, Govt. College for Women Parade Ground, Jammu on 1st and 2nd Nov. 2010.
- Attended 22nd National Seminar on “Recent developments in Complex Analysis and related areas” organized during Feb 24-25,2012 in the Department of Mathematics, University of Jammu.
- Attended National Conference on Algebra, Analysis and their applications from 18 to 19, August, 2012 organized by the PG Department of Mathematics, Govt. M.A.M college Jammu.
- Attended UGC-sponsored General Orientation Course organized by the UGC Academic Staff College, University of Jammu w. e. f 27.12.2013 to 24.01.2014.
- Attended UGC-sponsored Refresher Course in Pure Sciences (Physics, Chemistry, and Mathematics) organized by the Academic Staff College, Guru Nanak Dev University, Amritsar w. e. f. 15.05.2014 to 04.06.2014.
- Attended National conference in Mathematics on “Analysis and its Applications” on March 27,2014 organized by Govt. Gandhi Memorial Science College, Jammu
- Attended “One day Webinar on Quality enhancement Strategy for NAAC” organized by IQAC, Govt. degree College, Bhaderwah on 22 Feb, 2022.
- Attended a “2- Week Faculty development Programme on Higher education in Post Covid-19 era: Challenges, Strategies and Innovations” w. e. f 14-27 Feb, 2022.
- Attended a 4-day Online Faculty Development Program on “ICT Based Learning Management system for Effective Teaching in Higher education “organized by Department of Computer Sciences, Govt. SPMR College of Commerce, 7-10 March, 2022.
- Attended One Day National Level Colloquium on Digital Initiatives Through the Lens of NEP-2020 organized by Minerva College of Education, Indora- Kangra (H.P.) in collaboration with CTEF (Council for Teacher Education Foundation), Himachal Pradesh Chapter.
- Attended One day “National Level Webinar on IPR” organized by Department of Chemistry, Botany, and IQAC of Shri Shiv Chhatrapati College, Junnar, Maharashtra on 30th March, 2022.
- Attended One Week Virtual Workshop on “Towards Smart Teaching” organized by IQAC in collaboration with Centre for Hospitality and Tourism, School of Management studies, BGSB University w. e. f. 4-10 April 2022.
- Attended One day Online Workshop on Improving Scientific Research writing and Publication Skills organized by RKFD University, Bhopal MP on 16 April 2022.
- Attended 5-day Faculty Development Programme on “Reforms in Examination System in perspective of National education Policy 2020 organized by Department of basic Sciences and Humanities of techno College of Engineering, Agartala, Tripura w. e. f 25-29 April, 2022.
- Attended One day IP Awareness/ training programme under National Intellectual Property Awareness Mission organized by Ministry of Commerce and industry, Govt. of India w.e.f. April 22, 2022.
- Attended 8-days Faculty training Programme on “Digital skills for Educators” organized by Saraswati College of professional studies Gaziabad in collaboration with CTEF, Dehli-NCR Chapter w. e. f 1-8 May 2022.
- Attended one-week Online Workshop on "ETHICS AND SPIRITUALITY IN MANAGEMENT WITH SPECIAL REFERENCE TO VEDAS" organised by Faculty of Management Studies and Department of Management Studies, Gurukula Kangri (Deemed to be University), Haridwar w.e.f from 10-14 May, 2022.

**Workshops, Seminars, Symposia,
Webinar and FDP Attended**

- Attended one week FDP on “Emerging Trends in Teaching, Learning and Research” organised by Centre for Hospitality and Tourism, BGSB University, Rajouri w. e. f 23-29, May 2022.
- Attended one day International Webinar on Sustainable Development organised by IQAC, GDC, Badherwah on 05.06.2022
- Attended one day Workshop on "Scholarly Publishing: Dos and Don'ts" Department of Studies & Research in Business Administration, TUMKUR UNIVERSITY In association with Management Research Forum on 16th July 2022.
- Attended one-week Virtual International Faculty Development Programme (FDP) on Smart Tools and Methodologies for Academic Research association with Swecha and Department of ECE, Mahatma Gandhi Institute of Technology, Hyderabad w. e. f 01 – 05 August 2022.
- Attended One Week Online Workshop on Mathematical Analysis (MATANA) organized by the Department of Mathematics, Loyala College, Chennai w.e.f 13-18, Sept. 2021.
- Attended a 1-day Webinar on “Strategy for Managing Personal Finance Including Mutual Funds and NPS” organized by GCW, Udhampur in association with Associations of Mutual Fund of India.
- Attended an international Webinar on the topic “Climate Crisis: Our Planet in an Emergency” organized by GDC(PG), Bhaderwah on 22.09.2021.
- Attended a 7- day International Online FDP on “Digitalization trends & its Challenges in Higher education” organized by IQAC, Shri Shankarlal Sunderbai SHASUN, Jain College for Women, Chennai w. e. f 4-11, Oct 2021.
- Attended a UGC- sponsored Refresher Course in mathematical Sciences organized by UGC-HRDC, Panjab, University, Chandigarh w. e. f 23.11.2021 to 06.12.2021.
- Attended One Week FDP on Personality development and Communication skill organized by GDC, Udhampur w.e.f. 22-28, July 2019.
- Attended Refresher Course in Disaster management (ID) organized by UGC-HRDC, University of Jammu.
- Attended 10 Days VIII International FDP on Creativity, Innovation and Institution Building “organized by Govt. College for education, Jammu in collaboration with GAP and Universitas Hindu Indonesia, Bali. and GAAC.
- Attended One day online workshop on “Food Adulteration, its Consequences and mitigation measures” organized by GCW, Udhampur.
- Attended One day online workshop on “Probiotic- A Friendly Bacteria” organized by GCW, Udhampur.
- Attended an International Webinar on “Mathematical Modelling of Biology and Medicine” organized by the Department of Mathematics, Vidhyasagar Metropolitan college held on 13th May 2022.
- Attended Fifteen Days International Virtual FDP “Frontiers of Mathematics” organized by the Department of mathematics, SRMIST, Ramapuram, Chennai India in association with “1 December 1918 University” of Alba Iulia, Romania w.e.f 19rd May- 2nd June, 2022.
- Attended One Week Online Workshop on Discrete Mathematics Mathematical Modelling and Probability and Statistics WDMMP-2022 organized by the Calcutta Mathematical society Kolkata w.e.f 14-20 June 2022.
- Attended one week FDP on New Reforms in Higher education with reference to NEP 2020 w.e f 27 July to 2 August 2022 by KR Mangalam University Gurugram in collaboration with CTE
- Attended one-week virtual international FDP on Smart Tools and Methodologies for Academic Research organised by the Department of ECE MGIT Hyderabad from 01- 05 Aug 2005.
- Attended 5 day FDP on “The Art of effective teaching” in the light of NEP 13- 17 sept 2022.

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- Attended 5 day FDP on “The Art of effective teaching” in the light of NEP 13- 17 sept 2022.

Workshops, Seminars, Symposia, Webinar and FDP Attended

- Attended 5 days workshop on Analysis and its Application organized by University of Jammu w.e.f 16-20 Jan 2023.
- Attended National Webinar on Medicinal Plant for “Health and wellbeing “organised by IQAC GCW Udhampur on 31.0.2023.
- Attended Har Ghar Dhayan introductory session Meditation and Mental Health by AKAM on 28th July2023.
- Attended Board of studies meeting at Department of Mathematics , University of Jammu on 30.11.2023
- Attended IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY RIGHTS AWARENESS WORKSHOP organised by Padma Shri Padma Sachdev Government PG college for women in collaboration Intellectual Property Office the Office of Controller General of Patents Designs and TradeMarks CGPDTM Ministry of Commerce and Industry on December 21,2023.
- Attended One Week Online International FDP Exploring Inno. in Mathematical Modelling and App by SRM Inst Tiruchirapalli 04-09Mar 24.
- Attended 10 day NEP 2020 Orientation programme by SMVDU 12-22 Feb 24.
- Attended 7 days workshop on Preparation of SSR Jan 15-23 2024 organised by SCS GDC Mendhar.
- Attended one day seminar on Ramayan Bhayakhyan Goshti on 17.006.2024.
- Attended one week National Level FDP on Recent Development in Pure and Applied Mathematics organized by Indian Mathematical Society w.e.f 23- 28 Dec. 2024.
- Attended one week workshop on “**Scientific Software’s**” organised by Department of Mathematics, School of Basic Sciences, the Assam Kaziranga University w.e.f. 12th -18th July, 2024.
- Attended One Week FDP on Data Analytics through SPSS w. e. f Dec 8-12 2025 organized by the department of statistics University of Jammu Jammu.
- Attended Board of studies meeting at Department of Mathematics, University of Jammu on 04.09.2025
- Performed Election duty as Sector Officer w. e. f 14.03.2024 to 26.04.2024 and Counting Supervisor on 04.06.2024 in Parliamentary Election.
- Performed duty of a Sector Magistrate/Officer during the Legislative Assembly election-2024 w.e.f. 17.08.2024 to 01.10.2024

Research Publications

Research Publications

- Jugal Kishore (2016). Periodic effects of Practical Remembering of modified Mathematical Calculations on Conceptual Concentration [Published in International Journal of Education and Humanities Vol –V, number 1 ISSN 2319-9687 Jan-Dec 2016].
- Jugal Kishore, & Vipin Verma, (2022). Some identities on finite sums of product of Fibonacci and Lucas numbers in Chebyshev polynomials of second kind. *Journal of Algebraic Statistics* ,13(3), 3566-3570.
- Jyoti Vyas Bajpai, Dr. Bhola Khan, Dr. Hema Singla, Dr. S Thirumalesha, Jugal Kishore and Rohit Kumar (2022). The role of women entrepreneurship & impact on Economic development in Modern world. *Korea Review of international studies* 42(16), 1226-4741 (Online)[<https://kristudies.org/volume-16-issue-42-january-2023/>]
- **Dr. Arun B Prasad, Dr. Poonam, Sahil Mammadov, Gayathri KV, Jugal Kishore (2022)**. Published paper in UGC care List journal IJFANS International Journal of Food and Nutritional Sciences on the topic FACTORS AFFECTING TEACHING COMPETENCY WITH SPECIAL REFERENCE TO HIGHER EDUCATION Vol.I IS Iss.I 2022 doi: /jcd.2022.02/12/2022 ISSN PRINT 2319 1775 Online 2320-7876.
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Research Publications

- Jugal Kishore, & Vipin Verma, (2023). Paper titled Some identities involving Chebyshev polynomials Fibonacci polynomials and their derivatives was published in Notes on Number Theory and Discrete Mathematics Print ISSN 1310–5132 Online ISSN 2367–82752023 Volume 29 Number 2 204–215.
- Jugal Kishore, & Vipin Verma, (2023). Paper titled Some Identities on Sums of Finite Products of the Pell Fibonacci and Chebyshev Polynomials was published in Indian Journal of Science and Technology Year: 2023 Volume: 16 Issue: 12 Pages: 941-955.
- Jugal Kishore, & Vipin Verma, (2023). Paper titled “Some identities on Sums of Finite Product of Chebyshev Polynomials of third and fourth kind” published in Web of Science Journal Communications in Mathematics and Applications on 09.05.2023
Link: <https://www.rgnpublications.com/journals/index.php/cma/article/view/2079>.
- C B Ragothaman, P. Padma Ganga, Praveen Kumar Gandra, Jugal Kishore, Brahma Edwin Barreto, Aditya Chandrakant Ghuge. (2024). Technology Transfusion in Indian Education Systems - Impact and Challenges. *European Economic Letters (EEL)*, 14(3), 94–101. <https://doi.org/10.52783/eel.v14i3.1753>.
- Jugal Kishore, & Vipin Verma, (2025). A Paper titled Generalised Trivariate Fibonacci and Lucas Polynomials and their Identities as published in the Scopus indexed Journal Palestine Journal of Mathematics in the month of May 2025
- Jugal Kishore, & Vipin Verma, (2025). Research Publication in September 2025 - Kishore Jugal Verma Vipin 2025 Some representations of sums of finite products of Fibonacci type numbers and polynomials Journal of Information and Optimization Sciences : 1-15 DOI: 10.47974/JIOS-1951
- Jugal Kishore, Vipin Verma (2025). Sums of Finite Product of Chebyshev Polynomials of Third and Fourth Kind and Fibonacci and Lucas Numbers. *Indian Journal of Science and Technology*. 18(6): 464-476. <https://doi.org/10.17485/IJST/v18i6.2669> .

Book /Chapters Publications

Book /Chapters Publications

- Dr. Jugal Kishore et. al. (2022). Chapter titled “Motivation among Employees of Public Sector Concern” (**Page No. 172**). Multidisciplinary Studies: Prospects and Problems in Modern Era. Princeton **Press, USA, ISSN/ISBN No. 978-920-5-20223-5**.
- Dr. Jugal Kishore (2022) et al. Chapter titled “Positive and negative impacts of information and communication technology in everyday life”, Recent Advances in Finance, Business Management and Technology, **Rubicon Publications, London, England & ISSN/ISBN No. 978-1-913482-21-3**.
- Dr. Ghanshyam Vatsa, Dr. K. Nanda Gopal, Mr. Pradeep Kumar, Mr. Jugal Kishore (2022). **Published book titled “Teacher Education -General and modern perspective”** by AGPH, Books & **ISSN/ISBN No. 978-93-95468-20-6**.
- Dr. Deepu R, Dr. Tisha Meriam Cherian, Dr. Vijayachandra Reddy, Dr. Jugal Kishore (2022) **Published book titled “understanding research Methodology-an overview** by AGPH, Books & **ISSN/ISBN No. 978-81-976600-9-2**.
- Dr. Jugal Kishore (2024). Published book titled “**Discrete Mathematical Structures** “was published in November 2024 with ISBN no. 978-93-6674-134-5.

Extension Lectures

Extension Lectures

- Delivered an Extension Lecture on Online Financial Frauds Cyber Jagrukta Club, at GCW, Udhampur.
- Delivered an Extension Lecture on “social welfare and scholarship schemes” On 8th August,2025 at GDC R.S.Pura.

Patents

Patents

- Dr. Parveen Sadotra, Ms. Rabia Koser, Ms. Supriya Gupta, Mr. Sankait Gupta, Mr. Jugal Kishore published patent on “Online Network Threat Assessing IOT Device” on 10.03.2024.
- Dr. R. Vijayalakshmi, Dr. A. Anne Rosaline, Mr. C. Singh, Ms. S. Seth, Ms. N. Mittal, Dr. M. Elakkiya, Dr. V.V.R.B. Raju, Dr. B. V. N. Murthy, Dr. S. Sridevi, Dr. B. N. Rao, Mr. Jugal Kishore published patent on “A method of prime labelling of connected graphs” on 13/01/2023.

Dr. Jugal Kishore
Assistant Professor in Mathematics