



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 06-09-2026

1. Personal Profile

Title: **Dr.** First Name: **VIJAY** Last Name: **SINGH**

Designation: **ASSISTANT PROFESSOR** Mobile No. -----

Phone No. (Office) Phone No. (Residence): -----

Email: **vsingh@kmc.du.ac.in** Webpage: -----



Facebook: ----- Twitter: -----

LinkedIn: <https://www.linkedin.com/in/vijay-singh-112a4951/> Instagram: -----

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Vijay-Singh-116>

Google Scholar Link: https://scholar.google.com/citations?user=9Alra_sAAAAJ&hl=en&authuser=1

Address: -----

2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc	M J P Rohilkhand University, Bareilly	2003
M.Sc	M J P Rohilkhand University, Bareilly	2005
Ph.D	Delhi Technological University, Delhi	2016

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	MATHEMATICS Kirori Mal College, University of Delhi, Delhi	09.Sep.2022 - Till date	
CAREER PROFILE	GUEST LECTURER	MATHEMATICS SHAHEED BHAGAT SINGH COLLEGE, DELHI	19.Jan.2021 - 08.Sep.2022	
CAREER PROFILE	POST DOCTORATE	MATHEMATICS University of KwaZulu-Natal, Zululand, South Africa	01.Oct.2017 - 30.Sep.2021	

CAREER PROFILE	ASSISTANT PROFESSOR	MATHEMATICS GALGOTIAS UNIVERSITY, UTTAR PRADESH	22.Aug.2017 - 07.Sep.2017	
CAREER PROFILE	GUEST LECTURER	MATHEMATICS DELHI TECHNOLOGICAL UNIVERSITY, DELHI	13.Jan.2015 - 30.Jun.2017	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PLACEMENT CELL KIRORI MAL COLLEGE, DELHI	18.May.2023 - 30.May.2026	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	FOREIGN STUDENTS' COMMITTEE KIRORI MAL COLLEGE, DELHI	18.May.2023 - 30.May.2026	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	AUDIO-VISUAL FACILITIES AND EQUIPMENT MAINTENANCE COMMITTEE KIRORI MAL COLLEGE, DELHI	18.May.2023 - 17.May.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	MATHEMATICS Staff Advisor of TESNSOR : The Mathematics Society, Department of Mathematics, Kirori Mal College, University of Delhi, Delhi	18.Apr.2023 - 09.Apr.2025	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	MATHEMATICS TESNSOR : The Mathematics Society, Department of Mathematics, Kirori Mal College, University of Delhi, Delhi	09.Apr.2025 - Till date	Department Seminar In-Charge
ADMINISTRATIVE ASSIGNMENTS	IN-CHARGE	MATHEMATICS Department Room In-charge, KIRORI MAL COLLEGE, DELHI	15.Apr.2024 - 13.May.2026	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	LIBRARY COMMITTEE Kirori Mal College, University of Delhi, Delhi	15.Apr.2024 - 17.May.2025	
ADMINISTRATIVE ASSIGNMENTS	REPRESENTATIVE	LA-VOICE Kirori Mal College, University of Delhi, Delhi	17.May.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROCTOR & DISCIPLINE COMMITTEE Kirori Mal College, University of Delhi, Delhi	17.May.2025 - 30.May.2026	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	AUDIO-VISUAL FACILITIES AND EQUIPMENT MAINTENANCE COMMITTEE Kirori Mal College, University of Delhi, Delhi	15.May.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	COORDINATING COMMITTEE FOR INFORMATION AND TECHNOLOGY Kirori Mal College, University of Delhi, Delhi	17.May.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	EQUAL OPPORTUNITY CELL Kirori Mal College, University of Delhi, Delhi	01.Jun.2026 - Till date	
ADMINISTRATIVE ASSIGNMENTS	IN-CHARGE	MATHEMATICS Kirori Mal College, University of Delhi, Delhi	10.Apr.2026 - Till date	Department Admission In-Charge (UG & PG)
ADMINISTRATIVE ASSIGNMENTS	REPRESENTATIVE	IQAC Kirori Mal College, University of Delhi, Delhi	10.Apr.2026 - Till date	

4. Other Profiles

Other Profile Name/ Description

AREAS OF INTEREST/ SPECIALIZATION

General Relativity, Gravitation and Cosmology, Modified Theories of Gravity, Higher Dimensional Theories, Dark Energy, Dark Matter, Accelerating Universe

RESEARCH COLLABORATIONS

Professor Aroonkumar Beesham, Mangosuthu University of technology, South Africa.

MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

1. Life member of "Indian Association for General Relativity and Gravitation (**IAGRG**)", 252/2006 SINCE 21 JAN 2013.

2. Life member of "Indian Mathematical Society (IMS)", S-13-454. Since 31 Dec 2013.

SUBJECTS TAUGHT

Engineering Mathematics I-IV

Calculus

Real Analysis

Complex Analysis

Modern Algebra

Linear Algebra

Differential Equations

Numerical Methods

Probability and Statistics

Operations Research

C/C++, MatLab, Mathematica, LaTeX, R Software

AWARDS AND DISTINCTIONS

1. **Qualified JRF (NET)** in Mathematical Sciences organized by Joint CSIR-UGC in December 2008.
2. **Qualified NET (with All India rank 039)** in Mathematical Sciences organized by Joint CSIR-UGC in December 2008.
3. Aailed **Postdoctoral Fellowship from University of Zululand, South Africa** during 01 October 2017 to 30 September 2021.
4. Aailed **Senior Research Fellowship (SRF)** from University Grants Commission, India from 13 January 2015 to 12 January 2015.
5. Received **Junior Research Fellowship (JRF)** from University Grants Commission, India from 13 January 2012 to 12 January 2012.
6. **Won First prize** in “Functioning Model Competition” on zonal level science exhibition in association with “**Council of Science and Technology, Lucknow, U.P., India** ” in 1999.
7. **Won First prize** in “Functioning Model Competition” on zonal level science exhibition in the joint association of “**National Council for Science & Technology Communication (NCSTS)**”, New Delhi and “**Council of Science and Technology**”, Lucknow, India in 1999.
8. **Won First prize** in “Functioning Model Competition” in **District Science Exhibition, Moradabad (U.P), India** in 1999.
9. **Won Second prize** in “Functioning Model Competition” in **Divisional Science Exhibition, Moradabad (U.P), India** in 2000.

AWARDS AND DISTINCTIONS

Received the **Kirori Mal College Research Recognition Certificate (KRRC) 2023 & 2024** under the **Principal Research Excellence Scheme (PRES)** for publishing the paper titled "*Plane Symmetric Cosmological Model with Strange Quark Matter in $f(R,T)$ Gravity*" in the journal **Universe (MDPI)**.

AWARDS AND DISTINCTIONS

Received the **Kirori Mal College Research Recognition Certificate (KRRC) 2023 & 2024** under the **Principal Research Excellence Scheme (PRES)** for publishing the paper titled "*FLRW Transit Cosmological Model in $f(R,T)$ Gravity*" in the journal **Universe (MDPI)**.

WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

Worked as coordinator in organizing "HDFC Mutual Fund Investor Education and Awareness Programme" on 10 September 2024 at Kirori Mal College.

WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

Worked as staff Advisor in organising a semnar on "Think Different Think Acturial" on 28 August 2024 at Kirori Mal College.

WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

Worked as staff advisor in organising a seminar on "Seeing th Unseen: Black Hole Shadow" on 19 march 2024 at Kirori Mal College.

WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

Organised a webinar on "Mathematical Foundations and Statistical Techniques in Data Science" on 28 March 2025 at Kirori Mal College.

5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
2025	Ph. D.	Anisotropic Cosmological Models in some Modified Theories of Gravitations	Siwaphiwe Jokweni	Awarded

6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
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7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
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JOURNAL PAPER (International)	Plane Symmetric Cosmological Model with Strange Quark Matter in $f(R, T)$ Gravity	Universe/ MDPI	Vijay Singh, Siwapiwe Jokweni, Aroonkumar Beesham (First Author)	https://www.mdpi.com/2218-1997/9/9/408	September 2023
JOURNAL PAPER (International)	LRS Bianchi I model with strange quark matter and $\rho(t)$ in $f(R, T)$ gravity	New Astronomy / Elsevier	Vijay Singh and A. Beesham (First Author, Corresponding Author)	https://doi.org/10.1016/j.newast.2021.101634	June 2021
JOURNAL PAPER (International)	LRS Bianchi I model with bulk viscosity in $f(R, T)$ gravity	Gravitation and Cosmology / Springer	S. Jokweni, Vijay Singh and A. Beesham (Joint Author)	https://doi.org/10.1134/S0202289321020079	January 2021
JOURNAL PAPER (International)	LRS Bianchi I model with constant expansion rate in $f(R, T)$ gravity	Astrophysics and Space Science / Springer	Vijay Singh and A. Beesham (First Author, Corresponding Author)	https://doi.org/10.1007/s10509-020-03839-w	July 2020
JOURNAL PAPER (International)	Plane symmetric model in $f(R, T)$ gravity	European Physics Journal Plus / Springer	Vijay Singh and A. Beesham (First Author, Corresponding Author)	https://doi.org/10.1140/epjp/s13360-020-00314-x	March 2020
JOURNAL PAPER (International)	LRS Bianchi I model with constant deceleration parameter	General Relativity and Gravitation / Springer	Vijay Singh and A. Beesham (First Author, Corresponding Author)	https://doi.org/10.1007/s10714-019-2650-y	December 2019
JOURNAL PAPER (International)	LRS Bianchi I model with perfect fluid equation of state	International Journal of Modern Physics D / World Scientific	Vijay Singh and A. Beesham (First Author, Corresponding Author)	http://dx.doi.org/10.1142/S0218271819500561	December 2018
JOURNAL PAPER (International)	The $f(R, T^\phi)$ gravity models with conservation of energy-momentum tensor	European Physics Journal C / Springer	Vijay Singh and A. Beesham (First Author, Corresponding Author)	https://doi.org/10.1140/epjc/s10052-018-5913-y	May 2018

JOURNAL PAPER (International)	A time-varying deceleration parameter for unified description of cosmological evolution	International Journal in Geometric Methods in Physics / World Scientific	Vijay Singh and A. Beesham (First Author, Corresponding Author)	http://dx.doi.org/10.1142/S0219887818501451	June 2018
JOURNAL PAPER (International)	Friedmann cosmology with matter creation in modified $f(R, T)$ gravity	International Journal of Theoretical Physics / Springer	Vijay Singh and C. P. Singh (First Author)	10.1007/s10773-015-2767-z	August 2015
JOURNAL PAPER (International)	Modified $f(R, T)$ gravity theory and scalar field cosmology	Astrophysics and Space Science / Springer	Vijay Singh and C. P. Singh (First Author)	10.1007/s10509-014-2183-5	December 2014
JOURNAL PAPER (International)	Reconstruction of modified $f(R, T)$ gravity with perfect fluid cosmological models	General Relativity and Gravitation / Springer	C.P. Singh and Vijay Singh (Joint Author)	10.1007/s10714-014-1696-0	March 2014
JOURNAL PAPER (International)	Functional form of $f(R)$ with power-law expansion in anisotropic model	Astrophysics and Space Science / Springer	Vijay Singh and C. P. Singh (First Author)	10.1007/s10509-013-1436-z	May 2003
JOURNAL PAPER (International)	Emergent universe with scalar (or tachyonic) field in higher derivative theory	Astrophysics and Space Science / Springer	C. P. Singh and Vijay Singh (Joint Author)	10.1007/s10509-012-0982-0	January 2012
JOURNAL PAPER (International)	Power-law expansion and scalar field cosmology in higher derivative theory	International Journal of Theoretical Physics / Springer	C. P. Singh and Vijay Singh (Joint Author)	10.1007/s10773-011-1065-7	January 2012
JOURNAL PAPER (International)	FRW models with perfect fluid and scalar field in higher derivative theory	Modern Physics Letter A / World Scientific	C.P. Singh and Vijay Singh (Joint Author)	http://dx.doi.org/10.1142/S0217732311035870	May 2011

JOURNAL PAPER (International)	FLRW Transit Cosmological Model in f (R, T) Gravity	Universe/ MDPI	Vijay Singh, Siwapiwe Jokweni, Aroonkumar Beesham (First Author)	https://doi.org/10.3390/universe10070272	June 2024
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8. Books					
Category	Book Name	Title	Name of Author	ISSN/ ISBN Number	

9. Faculty Achievements					
Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2022	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Online National Refreshers Course on “Basic IT Tools, Spreadsheet Tools and Statistical Software Package with SPSS & Statistics with R”, Financial Database and Analysis Software	27.Oct.2022 - 11.Nov.2022
2023	FACULTY INDUCTION PROGRAM ATTENDED	PARTICIPANT	National	4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”	21.Dec.2022 - 19.Jan.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	University	Delivered an invited talk on “Mathematics in Astronomy, Astrophysics and Cosmology”, on “National Mathematics Day”, organized by Department of Mathematics, Sharda School of Basic Sciences and Research, Sharda University, Greater Noida, U.P.	22.Dec.2023 - 22.Dec.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Delivered a lecture on "Bibliography and Reference Management, Overleaf Editor and Online Help" in one-week AICTE ATAL FDP on "AICTE ATAL FDP on LaTeX and Mathematica", organized by G H Raisoni College of Engineering (GHRCE), Nagpur, India	11.Dec.2023 - 16.Dec.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	University	Three days workshop on “Vedic Mathematics”	11.Apr.2023 - 13.Apr.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Delivered a lecture on "Advanced Typesetting of Mathematics with AMS-LaTeX" in one-week AICTE ATAL FDP on "AICTE ATAL FDP on LaTeX and Mathematica", organized by G H Raisoni College of Engineering (GHRCE), Nagpur, India	11.Dec.2023 - 16.Dec.2023

2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	PAPER PRESENTER	International	Presented a research paper entitled “Plane Symmetric Cosmological Model with SQM in $f(R,T)$ Gravity”, in “Three Days International Mathematical Knowledge Enrichment Workshop”, organized by Manipur University, Imphal, Manipur, India.	25.Sep.2023 - 27.Sep.2023
2023	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	PARTICIPANT	National	Successfully completed "A course on Gravitational Wave Astronomy" organized by “Center for Theoretical Physics, Jamia Millia Islamia University, New Delhi” under the Global Initiative for Academic Networks, GIAN Scheme.	23.Nov.2023 - 29.Nov.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	PAPER PRESENTER	International	Presented a paper entitled "FRW model with special exponential scale factor in $f(R,T)$ gravity" in International Workshop on Gravity and Cosmology (IWGC-2023) organized by Netaji Subhas University of technology (NSUT), Delhi, India	24.Sep.2023 - 26.Sep.2023
2023	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	PARTICIPANT	National	Participated and presented in a "Pedagogic Workshop on Astronomy, Astrophysics and Cosmology", organized by St. Stephen's College, University of Delhi, Delhi in collaboration with "IUCAA, Pune, Maharashtra, India.	06.Nov.2023 - 10.Nov.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	PAPER PRESENTER	International	Presented a research paper entitled “Transit Cosmological Model in $f(R,T)$ Gravity”, in “2nd International Conference on Recent Advances In Mathematical Sciences and Interdisciplinary Areas (RAM SIA-2023)”, organized by GLA University, Mathura, India	22.Jun.2023 - 24.Jun.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	PAPER PRESENTER	International	Presented a research paper entitled “The Role of Extra Dimension in 5D Cosmological Model with Perfect Fluid EoS” in "Recent Trends in Mathematical and Computational Sciences (RTMCS)" organized by Banaras Hindu University, Varanasi	03.Feb.2023 - 05.Feb.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	International	Invited talk on “Can 5th dimension slow down the expansion of the Universe?”, in “Indo-South Africa Workshop on Astrophysics (ISAWA-2023)”, organized by "Jamia Millia Islamia University, New Delhi, India	29.Sep.2023 - 29.Sep.2023
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	Delivered two days extension lecture on the occasion of Annual Prize Distribution Ceremony, Department of Mathematics, Mohanlal Sukhadia University, Udaipur, Rajsthan	29.Jan.2024 - 30.Jan.2024

2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	International	Chaired a session in "International Conference on Graphs, Networks and Combinatorics (ICGNC 2023) organized by the Department of Mathematics, Ramanujan College, University of Delhi, Delhi, India	10.Jan.2023 - 12.Jan.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Delivered a lecture on "List environments, including Graphics and Labels" in one week FDP on "LaTeX and MatLab (L&M 2023)", organized by G H Rasoni College of Engineering (GHRCE), Nagpur, India	30.Jan.2023 - 03.Feb.2023
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	NEP 2020 Orientation & Sensitization Program	16.Apr.2024 - 26.Apr.2024
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Delivered a lecture on "Advanced typesetting of mathematics with AMS-LaTeX" in one week FDP on "LaTeX and MatLab (L&M 2023)", organized by G H Rasoni College of Engineering (GHRCE), Nagpur, India	30.Jan.2023 - 03.Feb.2023
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	International Conference on Mathematical Sciences, Physical Sciences and their Applications jointly organized by APS University, Rewa, MP (India) in collaboration with Mangosuthu University of Technology, Durban, South Africa	13.Nov.2024 - 14.Nov.2024
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Delivered two talks on "Basic Trends in Mathematical Cosmology and Mathematics with Mathematica and Maple" in one-week AICTE ATAL FDP on "Emerging Trends in Application of Mathematics", at Dayananad Sagar College of Engineering, Bengaluru, India	06.Dec.2021 - 10.Dec.2021
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	OTHERS	International	Chaired a session in International Conference on Mathematical Sciences, Physical Sciences and their Applications jointly organized by APS University, Rewa, MP (India) in collaboration with Mangosuthu University of Technology, Durban, South Africa	13.Nov.2024 - 14.Nov.2024
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Delivered a talk on "Mathematics with Maple" in "one week FDP on Mathematical Software Maple with Simulation-2021", organized by G H Rasoni College of Engineering (GHRCE), Nagpur India	25.Oct.2021 - 29.Oct.2021
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	International	Annual Conference of Indian Society for Mathematical Modelling and Computer Simulation (ISMMACS) and International Conference on Differential Equations: Theory, Computation and Applications organized by South Asian University, Delhi	29.Nov.2024 - 01.Dec.2024

2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Delivered a talk on "Plotting of 2D & 3D graphs through Maple" in "one week FDP on Mathematical Software Maple with Simulation-2021", organized by G H Raisoni College of Engineering (GHRCE), Nagpur India	25.Oct.2021 - 29.Oct.2021
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Delivered a talk on "Solution of ODE and PDE by Maple" in "one week FDP on Mathematical Software Maple with Simulation-2021", organized by G H Raisoni College of Engineering (GHRCE), Nagpur India	25.Oct.2021 - 29.Oct.2021
2025	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Refresher Course on Gnereal Relativity	23.Jun.2025 - 05.Jul.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	SPEAKER	National	National Seminar on Mathematics and Computer Science in th Indian Knowledge Sysstem	03.Mar.2025 - 04.Mar.2025
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	Invited talk on "Dynamics of Variable Lambda", in "Gravitex 2021: Live", organized by Astrophysics & Cosmology Research Unit, University of KwaZulu-Natal, Durban, South Africa	19.Sep.2021 - 23.Sep.2021
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	College	Delivered an Expert Guest Talk talks on "The Role of Mathematics in Understanding the Universe", at Dayanand Sagar College of Engineering, Bengaluru, India	27.Aug.2021 - 27.Aug.2021
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	SPEAKER	College	National Science Day	25.Feb.2025 - 25.Feb.2025
2021	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	National	Participated in a webinar on "Complex Analysis and its Application", organized by The Department of Mathematical, School of Basic and Applied Sciences, Maharaja Agrasen University, Solan, Himachal Pradesh, India	05.Jun.2021 - 05.Jun.2021
2024	SEMINAR ATTENDED	PARTICIPANT	College	Funding Schemes for Teachers in Higher Education	09.Mar.2024 - 09.Mar.2024
2021	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	International	Participated in an International webinar on "Recent Developments in Modified Gravity and Cosmology", organized by Birla Institute of Technology and Science, Pilani, Hyderabad Campus, India	09.Mar.2021 - 11.Mar.2021

2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	International	5-Day International Short Term Training Programme (STTP) on "Mastering LaTeX: Beginner to Expert organized by Center of Excellence in Astrophysics and Cosmology, Department of Mathematics, G H Rasoni College of Engineering, Nagpur	13.Jul.2026 - 17.Jul.2026
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	OTHERS	International	Chaired a session in "Online Gravtex 2021" organized by Astrophysics & Cosmology Research Unit, University of KwaZulu-Natal, Durban, South Africa	09.Aug.2021 - 12.Aug.2021
2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	College	5-Day Online Faculty Development Programme (FDP) on: "Re-envisioning Higher Education through Indian Knowledge Systems: Tradition, Innovation & Sustainability" organized by Inderprastha Engineering College (IPEC)	22.Jun.2026 - 26.Jun.2026
2026	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ORGANIZER	College	An Overview of Forecasting: An Interaction of Mathematics, Science & Society	30.Mar.2026 - 30.Mar.2026
2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Five Days Faculty Development Program on "IKS Perspective on Sustainable Future" organized by the Sanskriti University	13.Aug.2025 - 17.Aug.2025
2025	REFRESHER COURSE ATTENDED	PARTICIPANT	National	2 Weeks Online refresher course in Mathematical Sciences/	03.Oct.2025 - 16.Oct.2025
2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	International Conference on Innovation in Mathematical Sciences and Applications (IMSA-2026) organized by Maharaja Agrasen University, Solan, HP and Central University of Haryana, Mahendergarh, Haryana	23.Feb.2026 - 24.Feb.2026
2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	One week Faculty Development Programme on Integrating Indian Knowledge Systems with Modern Science and Education organized by Scientific And Humanities Research Society, Jaipur in association with A Fourth Dimension Group (MSME)	09.Feb.2026 - 14.Feb.2026

Dr. VIJAY SINGH