

Kriti Wadhwa

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Date of Birth : 7th October 1985

VISION & OBJECTIVE

Seeking a challenging career which provides scope for growth and diversified learning while capitalizing on my knowledge and skill set in the education industry.

WORK EXPERIENCE

- 2009 - 10. Assistant Professor (Ad hoc), Jesus & Mary College, Delhi University.
- 2010 - present. Assistant Professor, Hans Raj College, Delhi University.

EDUCATION

Year	Level	Specialization	Institution	Percentage
2016	M.Sc.	Statistics	University of Nottingham, United Kingdom	Distinction
2009	M. Phil.	Mathematics	Department of Mathematics, Delhi University	87.60%
2008	M.Sc.	Mathematics	St. Stephens College, Delhi University	87.12%
2006	B.Sc.	Mathematics	Sri Venkateswara College, Delhi University	86.8%
2003	AISSE	Sciences	Convent of Jesus and Mary New Delhi	88.8%
2001	AISSCE	--	Bal Bharati Public School, Gangaram	87.60 %

ACADEMIC ACHIEVEMENTS:

- Cleared the National Eligibility Test (NET) conducted by UGC and UGC-CSIR in 2007.
- Selected among 40 students all over India for the prestigious Summer Programme in Mathematics (SPIM), 2007 organized by Harish Chandra Research Institute (HRI), Allahabad.
- Secured first rank in M.Phil Admissions and awarded Scholarship for the same.
- Secured third rank in M.Phil coursework, University of Delhi, North Campus.
- Secured first rank in M.Sc (final year), University of Delhi, North Campus.
- Secured third rank in M.Sc Maths, previous year, University of Delhi, North Campus.
- Secured third rank in B.Sc Maths (Hons.), 1st year, University of Delhi, South Campus.
- Merit Certificate holder in 11th class at Convent of Jesus and Mary.
- Merit Certificate holder for five consecutive years (5th to 9th) at Bal Bharati Public School.
- Participated in National Mathematics and Science Olympiads during School.

TRAINING AND CONFERENCES:

- Selected for Faculty Training Program and completed Masters in Statistics from University of Nottingham, UK (2015-16).
- Attended Summer Programme in Mathematics (SPIM2007), organized by Harish Chandra Research Institute (HRI), Allahabad.
- Attended Pre-ICM International Convention on Mathematical Sciences, (18-20 December, 2008) organized by Department of Mathematics, Delhi University.
- Attended National Meet on History of Mathematical Sciences, (7-9 January, 2010), organized by Department of Mathematics, Delhi University.
- Attended Training Programme on 'Optimization Theory and Applications', (10-14 February, 2010), organized by Department of Mathematics, Delhi University.
- Attended Research Scholar's Seminar, (18-19 March, 2010), organized by UGC-DRS(SAP) programme of the Department, held at the Department of Mathematics, Delhi University.
- As the Head of the department, organized 'A Science Academic Lectures Workshop' (August 2012), in Department of mathematics, Hansraj college.
- Attended four week Orientation Program, (18 June- 14 July, 2012), organized by Academic Staff College, Himachal Pradesh University, Shimla.
- Organized and Attended 'National Programme on Advances in Mathematics', (7-8th March, 2014) in Hans Raj College, Delhi University.
- Attended a Workshop on Capacity Building on E-Content creation in Mathematics, (Oct 2016) , organized by Institute of Lifelong Learning, Delhi University.
- Attended a Seminar on Radiation Hazards and Monitoring: Techniques and Materials, (10th April, 2017), organized by IQAC, Hansraj College, Delhi University.
- As the Convenor of the Seminar Committee, organized a Seminar on "Theoretical and Practical Aspects of Mathematics" (July 2018), by Dr I.K Rana at the Department of Mathematics, Hansraj College.
- Attended one week Faculty Development Program on Software Packages for Mathematical Sciences, (14-19 November, 2018), organized by Mahatma Hansraj faculty Development Centre.
- Attended one week Professional Development Program for Senior Faculty, (24-31 Dec, 2018), organized by UGC-Human Resource Development Centre, Jamia Milia Islamia.
- Conducted Workshop by Dr Jonaki Ghosh on Mathematical Modelling Softwares ,(February 2019), in Hansraj College.
- Attended two week Faculty Development Program on Research Methodology (1-15 Oct, 2020), (online mode) organized by MHRD, Ramanujan College, University of Delhi.
- Attended one week Faculty Development Program on Development and Implementation of MOOCS (21-27 Oct, 2020), (online mode) organized by MHRD, Ramanujan College, University of Delhi.
- Attended one week Faculty Development Program on Advanced Pedagogical Techniques (29 Oct- 5 Nov, 2020), (online mode) organized by MHRD, Ramanujan College, University of Delhi.

- Conducted Mathematical workshop (online mode) by Dr Jyoti Sharma on Investigatory Approach to Projects and Dr Sonam on Experience with 3Ms, Maple, Mathematica and Matlab for mastering Mathematics as a member of Organising committee, on 9th Feb, 2021.

TEACHING:

- Courses taught - Linear Algebra, Calculus, Ordinary Differential Equations, Discrete Mathematics, Mechanics, Partial differential equations and Modelling and Graph Theory.
- Have worked on Mathematica software for taking Practicals.
- Teacher in Charge (Head of Department) for the year 2012-13.
- Have worked in various societies of college like Admission Committee, Students' Welfare, Environmental Society, Spic Macay, Women's Development Society, Student's Election committee.
- Have worked as an Active Committee member of B.Sc.(Hons) Maths Course and Curriculum under Learning Outcomes based Curriculum Framework (LOCF) for the session 2018-19.
- Was appointed as the Convenor/Member of the committee formed for paper setting of B.Sc (Prog) course in the year 2020-21, 2018-19, BA(H) Economics paper in 2013-14, and B.Sc Mathematics(H) in 2014-15.

EXTRA CURRICULAR ACTIVITIES:

- Organized the Inter College Mathematics Festival.
- Participated in College Sports Day and secured second position in 400m relay.
- Represented school at various Inter School Music and Dance Competitions.
- Won second prize in Carrom Women's Singles held in Hansraj College.

PROFILE

- Possess a unique combination of analytical and logical skills.
- Strong ability to teach, motivate, and direct students while maintaining high interest.
- Articulate communicator able to effectively interact with diverse populations of students at a variety of academic levels.
- Self-motivated with strong planning and organizational skills.
- Proficient in MS Office Applications and other training tools like Mathematica.
- **Language Proficiency** - Read: English & Hindi; Write: English & Hindi; Speak: English & Hindi