Dr. Mihir B.Trivedi
Assistant Professor, Mathematics , SOT

Education Qualification:

Ph.D (Mathematics), Rai University, Ahmedabad
M.Phil (Mathematics), Gujarat University, Ahmedabad
M.Sc (Mathematics), The M. S. University, Vadodara
B.Sc (Mathematics), The M. S. University, Vadodara

Research Interest:

Sequence, Series and Associated Matrices, Generating functions and generator matrices of sequences and Associated Properties

Publications:

1. M.B.Trivedi, P. J.Jha, From Pell to Pell+ and CDS Sequences and Salient Features of Their Generator Matrices, IOSR-JM, 12(5), Sept-Oct. 2016, 05-10
2. M.B.Trivedi, P.J.Jha, Sum of finite terms of Pell sequence in terms of NSW sequence and interrelationship of some sequences, IJASR, Vol. 4 (July 2017), 19-28
3. M.B.Trivedi, P.J.Jha, Approaches differ: Catalan numbers, IJASR, Vol. 2 (Nov. 2017), 82-89
4. M.B.Trivedi, P.J.Jha, Additional mathematical properties of Narayana numbers and Motzkin numbers, International Journal of Statistics and Applied Mathematics, Vol. 3(Mar. 2018), 492-498
5. M.B.Trivedi, P.J.Jha, Motzkin numbers revisited, International Journal of Statistics and Applied Mathematics, Vol. 3(May 2018), 246-250

Industry Experience:

Courses Taught:

Calculus, Linear algebra, Vector Calculus, Advanced Engineering Mathematics, Complex Analysis, Numerical Methods, Probability and Statistical Methods, Operations research

Conference & Seminar:

1. 44TH Annual Conference of Gujarat Mathematical Society held at Vadodara, November 2007
2. "Workshop on Problem Solving in Mathematical Analysis and Related Areas" Organized at the Department of Mathematics Sardar Patel University, Vallabh Vidyanagar, Under UGC- SAP-DRS, 28 JAN – 3 FEB, 2010.
3. **SCIENCE EXCELLENCE-2011**, Organized by Department of Botany, Gujarat University, Ahmedabad (Delivered and Invited Talk/Paper Presentation on **"FRIEZE GROUPS AND FRIEZE PATTERNS"**), 8th January, 2011
4. National Conference **MATHEMATICS MEET-2011**, Organized by Department of Mathematics, Gujarat University, Ahmedabad, 3-5 February 2011
5. Seminar on Project Demonstration on Differential Equation, Held at L.D. College of Engineering, sponsored by Gujarat Technological University, 16th July, 2011
6. 22ND Annual cum 6th International Conference of Gwalior Academy of Mathematical Sciences on "ADVANCE IN PURE AND APPLIED MATHEMATICS" (Presented a Research paper titled **"Approaches Differ_Catalan Numbers"**), 22-24 December 2017

Awards& Honors:

Phone: +91 97265 56005

Email: mihir.trivedi@gsfcuniversity.ac.in