

Dr. DEEPAK KUMAR KABRA
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BHILWARA-311001 (Raj.) INDIA.
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Objective

To secure a challenging and rewarding position utilizing my strong technical, analytical and team building and communication skills.

Academic Qualification:-

DOCTOR OF PHILOSOPHY	2016	Awarded
GOVT. COLLEGE, KOTA		(Supervisor : Dr. Yasmeen)
(UNIVERSITY OF KOTA, KOTA)		(Co-Supervisor: Prof. M. I. Qureshi)
(A STUDY OF GENERATING FUNCTION INVOLVING GENERALIZED HYPERGEOMETRIC FUNCTIONS OF ONE AND MORE VARIABLES)		

MASTER OF PHILOSOPHY	2004	66.75%
GOVT.COLLEGE, AJMER		
(M.D.S.UNIVERSITY, AJMER)		
SUB: MATHEMATICS		

POST- GRADUATION IN SCIENCE	2003	70.80%
M.L.V.GOVT.COLLEGE, BHILWARA		
(M.D.S.UNIVERSITY, AJMER)		
SUB: MATHEMATICS		

GRADUATION IN SCIENCE	2001	65.88%
M.L.V.GOVT.COLLEGE, BHILWARA		
(M.D.S.UNIVERSITY, AJMER)		
Major Subjects: Physics, Chemistry, Maths		

SENIOR HIGHER SECONDARY	1998	52.92%
GOVT.SENIORSECONDARY SCHOOL,		
RAJENDRA MARG, BHILWARA		
(R.B.S.E. AJMER)		
Major Subjects: Physics, Chemistry, Maths		

SECONDARY	1996	71.45%
GOVT.SECONDARY SCHOOL,		
SUBHASH NAGAR, BHILWARA		
(R.B.S.E. AJMER)		

Research Publication:-

1. LINEAR GENERATING RELATION AND SUMMATION FORMULAE ASSOCIATED WITH GAUSS HYPERGEOMETRIC POLYNOMIALS. IJSRD - INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH & DEVELOPMENT, VOL. 2, NO. 02, 2014, ISSN: 2321-0613 (ONLINE).
2. BILINEAR AND BILATERAL GENERATING RELATIONS INVOLVING RESTRICTED JACOBI AND LAGUERRE POLYNOMIALS. INTERNATIONAL JOURNAL OF MATHEMATICS AND ITS APPLICATIONS, VOL. 2 NO. 4 (2014), PP.17-23, ISSN: 2347 – 1557(ONLINE).
3. A GENERAL FAMILY OF GENERATING RELATIONS INVOLVING MULTI-VARIABLE HYPERGEOMETRIC POLYNOMIALS. INTERNATIONAL JOURNAL OF MATHEMATICS AND ITS APPLICATIONS, VOLUME 3, ISSUE 2 (2015), 197-205, ISSN: 2347 – 1557 (ONLINE).
4. SOME GENERATING RELATIONS INVOLVING LAGUERRE POLYNOMIALS OF SEVERAL VARIABLES. INTERNATIONAL JOURNAL OF MATHEMATICS AND ITS APPLICATIONS, VOLUME 3, ISSUE 3-C (2015), 13-18, ISSN: 2347 – 1557 (ONLINE).
5. LINEAR GENERATING RELATIONS AND HYPERGEOMETRIC TRANSFORMATIONS. JOURNAL OF RAMANUJAN SOCIETY OF MATHEMATICS AND MATHEMATICAL SCIENCES, , VOLUME 4, ISSUE 1 (2015), 25-30, ISSN: 2319-1023.
6. FINITE DOUBLE SUMS OF KAMP'E DE F'ERIETS DOUBLE HYPERGEOMETRIC FUNCTION OF HIGHER ORDER, INTERNATIONAL JOURNAL OF MATHEMATICS TRENDS AND TECHNOLOGY (IJMTT) - VOL. 33 NO. 2, 104-111, ISSN: 2231-5373.
7. LAPLACE TRANSFORMS OF SOME ELEMENTARY AND COMPOSITE FUNCTIONS USING MELLIN-BARNES TYPE CONTOUR INTEGRATION, BULLETIN OF CALCUTTA MATHEMATICAL SOCIETY, VOL.107, NO. 3, 289 – 302, ISSN: 0008-0659.
8. LAPLACE TRANSFORMS OF SOME SPECIAL FUNCTIONS OF MATHEMATICAL PHYSICS USING MELLIN-BARNES TYPE CONTOUR INTEGRATION, INTERNATIONAL JOURNAL OF MATHEMATICS AND STATISTICS INVENTION, -VOL.3, NO. 7, 21-34, ISSN: 2321-4767.
9. LAPLACE TRANSFORMS OF MULTIPLE HYPERGEOMETRIC FUNCTIONS USING MELLIN-BARNES TYPE CONTOUR INTEGRATION, ASIA PACIFIC JOURNAL OF MATHEMATICS, VOL. 2, NO. 2, 94-107 ISSN: 2357-2205.
10. SOME BILINEAR GENERATING RELATIONS INVOLVING CLASSICAL HERMITE POLYNOMIALS VIA MEHLER'S FORMULA, SOUTH EAST ASIAN J. OF MATH. & MATH. SCI., VOL.13, NO.1, 2017, 27-36 ISSN: 0972-7752.
11. SOME LINEAR GENERATING RELATIONS ASSOCIATED WITH EVEN AND ODD DEGREE POLYNOMIALS OF LAGRANGE AND SUBUHI, ASIA PACIFIC JOURNAL OF MATHEMATICS, VOL. 4, NO. 2, 2017, 122-136 ISSN: 2357-2205.

12. SOME LINEAR GENERATING RELATIONS INVOLVING CLASSICAL HERMITE POLYNOMIALS VIA BRAFMAN'S RESULTS, CALCUTTA MATHEMATICAL SOCIETY, VOL. 13, NO.2, 2017, 143-150 ISSN: 0008-0659.
13. SOME LINEAR GENERATING RELATIONS ASSOCIATED WITH GEGENBAUER POLYNOMIALS, AMERICAN INTERNATIONAL JOURNAL OF RESEARCH IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS, (AIJRSTEM 19-221) VOL. 26, NO. 1, 2019, 116-121 ISSN (PRINT): 2328-3491, ISSN (ONLINE): 2328-3580, ISSN (CD-ROM): 2328-3629.
14. SOME LINEAR GENERATING RELATIONS INVOLVING TWO POLYNOMIALS OF BEDIENT, GANITA, VOL. 68, NO. 2, 2018, 31-39 ISSN: 0046-5402.
15. CERTAIN LINEAR GENERATING RELATIONS ASSOCIATED WITH BEDIENT'S POLYNOMIALS, INTERNATIONAL JOURNAL OF MATHEMATICS AND STATISTICS INVENTION (IJMSI), VOL. 7, NO. 1, 2019, 61-69 E-ISSN: 2321 – 4767 P-ISSN: 2321 – 4759.
16. EXACT RECTIFICATION OF A GENERAL CURVE OF NYSTEDT AND OTHERS, USING HYPERGEOMETRIC FUNCTION APPROACH, GANITA, VOL. 74(2), 2024, 259-271, ISSN: 0046-5402.
17. THE FRACTIONAL CALCULUS OF PRODUCT OF SPECIAL FUNCTIONS, COMMUNICATIONS ON APPLIED NONLINEAR ANALYSIS, VOL 31 NO. 5S (2024), ISSN: 1074-133X.
18. COMPOSITION OF PATHWAY INTEGRAL OPERATOR ON EXTENDED UNIFIED MITTAG - LEFFLER FUNCTION, MATHEMATICAL STATISTICIAN AND ENGINEERING APPLICATIONS, VOL 71 NO. 4 (2022), 13359 – 13365, ISSN: 2094-0343 2326-9865.
19. ANALYSING AND APPLYING NOVEL INTEGRAL TRANSFORMS AND DIFFERENTIAL EQUATIONS, MATHEMATICAL STATISTICIAN AND ENGINEERING APPLICATIONS, VOL 71 NO. 4 (2022), 13529 – 13536, ISSN: 2094-0343 2326-9865.
20. THE INTEGRAL TRANSFORM OF K-HYPERGEOMETRIC SERIES, YMER , VOLUME 23 : ISSUE 08 (AUGUST) – 2024, 1158-1166, ISSN : 0044-0477.
21. PATHWAY FRACTIONAL INTEGRAL OPERATOR WITH COMPOSITION OF GENERALIZED FUNCTION $G_{\rho, \eta, r}[a, z]$, YMER , VOLUME 23 : ISSUE 08 (AUGUST) – 2024, 1591-1598, ISSN : 0044-0477.
22. SOME HYPERGEOMETRIC RESULTS DERIVED BY THE APPLICATION OF EXPONENTIAL FUNCTIONS, SANGAM INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY RESEARCH, VOL. 02, ISSUE 02, MARCH (2025), 67-75, E-ISSN: 2584-086X.
23. THE INTEGRAL TRANSFORM OF PRODUCT OF SPECIAL FUNCTIONS, SANGAM INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY RESEARCH, VOL. 02, ISSUE 01, SEPTEMBER (2024), 19-27, E-ISSN: 2584-086X.

Professional Experience:-

WORKED AS A LECTURER IN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHILWARA FROM 2 JULY 2004 TO 28 JULY 2007.

WORKED AS A GUEST FACULTY IN MATHEMATICS AT M.L.V.T.E.C., BHILWARA FROM 12 SEPTEMBER 2007 TO 2 MAY 2008.

WORKED AS SR. LECTURER IN MATHEMATICS AT INSTITUTE OF TECHNOLOGY & MANAGEMENT, BHILWARA (RAJASTHAN) FROM 3 MAY 2008 TO 16 AUG. 2011.

WORKED AT MEWAR UNIVERSITY, GANGRAR, CHITTORGARH AS ASSISTANT PROFESSOR (MATHEMATICS) FROM 18 AUG. 2011 TO 21 JAN. 2012.

WORKED AS A ASSISTANT PROFESSOR IN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHILWARA FROM 25 FEB. 2012 TO 30 OCT. 2014.

WORKED AS A ASSISTANT PROFESSOR IN SANGAM UNIVERSITY, BHILWARA FROM 01 NOV. 2014 TO 31 AUG. 2015.

WORKED AS A LECTURER IN MATHEMATICS AT ACHARYA SHRI MAHAPRAGYA INSTITUTE OF EXCELLENCE, ASIND BHILWARA FROM 2 SEPT. 2015 TO 31 JULY 2016.

WORKED AS A GUEST FACULTY IN MATHEMATICS AT M.L.V.T.E.C., BHILWARA FROM 3 AUGUST 2016 TO 20 MAY 2017.

WORKED AS A LECTURER IN MATHEMATICS AT MAHARASHI GAUTOM SIKSHAN SANSTHAN, BHILWARA FROM 21 MAY 2017 TO 28 FEB. 2020.

WORKING AS A ASSOCIATE PROFESSOR IN MATHEMATICS AT SANGAM UNIVERSITY, BHILWARA FROM 02 MARCH 2020 TO TILL CONTINUE.

RESEARCH SUPERVISOR: GUIDING 4 RESEARCH SCHOLARS IN THE FIELD OF MATHEMATICS.

Seminar/Conferences/Workshop Attend:-

- Successfully completed **NPTEL MOOC Course** on “Regression Analysis”, July-October, 2023.
- Successfully completed NPTEL MOOC Course on “Mathematical Methods and Its Applications”, July-October, 2023.
- Patent:- Granted a design patent on COMPREHENSIVE MATHEMATICS TEACHING KIT FOR STUDENT EDUCATION International Design Classification: Version: 14-2023.
- Book Publication:- “Advanced statistical modeling and inference” ISBN: 978-81-977885-3-6, REST Publisher.

- Attended two days National Seminar on “Common Sense and its Applications” jointly organized by MLSU, Udaipur and Sangam University, Bhilwara.
- Two days National Webinar on Awareness on Covid Pandemic, SOBAS, Sangam University, 29-30 May 2021.
- Two days National Webinar on Chemical Modeling, Design & Developments for Sustainable life, SOBAS, Sangam University, 27-28 May 2021.
- Attended and presented paper in “National Conference on Emerging Trends in Mathematics and its Applications in Engineering (NCETMAAE-2016)” at Mewar University (9 Jan 2016).
- Attended “National Seminar on Advances in Complex Analysis and Special Functions (ACASF-2011)” organized by Central University of Rajasthan (12-13 March 2011).
- Attended “A Workshop on ROBOTICS” in Electronics Engineering at ITM, Bhilwara (Oct 2010).
- Attended “national conference on recent development in engineering mathematics & I. T.” organized by Poornima Group of Colleges, Jaipur.
- Attended “Application of Mathematics in Engineering & Natural Sciences” organized by G.E.C., JHALAWAR.

Faculty Development Program:-

1. Participated and successfully completed the AICTE recognized one week Faculty Development Programme on “MATLAB for Science and Engineering Teachers”, at MLVTEC, Bhilwara conducted by Applied Science Department, NITTTR, Chandigarh, Ministry of Education, Govt. of India, 10-14 June, 2024.
2. Participated and successfully completed the AICTE recognized one week Faculty Development Programme on “Vedic vs Classical Mathematics : Applications for Real World Problems”, conducted by Applied Science Department, NITTTR, Chandigarh, Ministry of Education, Govt. of India, 19 -23 February, 2024.
3. Participated in the Two days faculty Development Programme on “Benchmarking Quality Enhancement Initiatives through Innovative Practices” organized by Internal Quality Assurance Cell [IQAC] held at Sangam University, Bhilwara on 12th & 13th July 2022.
4. Participated in two days faculty Development Programme on “Outcome based Education & Its Implementation” IQAC, Sangam University, 12 -13 April 2022.
5. Participated in one week faculty Development Programme organized by IQAC, Sangam University, 23-24 December 2021.
6. Faculty development Program on ICT Teaching Learning Tools, organized by IQAC, Sangam University, Bhilwara from 26th July to 2nd August, 2021.

7. Faculty development Program on carrier prospects as faculty member in post graduation management education, organized by ST. KABIR INSTITUTE OF PROFESSIONAL STUDIES.

Invited Speaker:-

1. Took expert session on **Academic Records Management** in One Week Administrative Development Program at Sangam University, Bhilwara, 01 May 2025 under the association with AIU.

Webinars:-

Attended virtual seminars during COVID 19 Lockdown

1. Attended the Scientific Update virtual course on The Magic Methyl in Medicinal Chemistry, 29th April 2020.
2. Webinar: Identifying weaker students and Remedial Action, 04-05-2020
3. National Webinar on Nutrition and Immunity-Simplified and Applied organized by the Department of Food Technology, Bhaskaracharya College of Applied sciences, Delhi, 19 May 2020.
4. Webinar Series: Beyond the Boundaries: Reinventing Horizons”, Organized by SKIT, Jaipur, 16-20 May 2020
5. E-Quiz series on COVID-19 for Spreading Awareness: Level One (Basics), Department of Biotechnology & Microbiology, University College of Science (UCoS), Mohanlal Sukhadia University, Udaipur, Rajasthan-313001, 25 May 2020.
6. "NAAC Accreditation Management System demo: Wed, May 27, 2020 2:00 PM - 3:30 PM IST, webinar@inpods.com.

Personal Information:-

FATHER'S NAME	: SHRI GOVIND KUMAR KABRA
DATE OF BIRTH	: 20TH DECEMBER 1980
MARITAL STATUS	: MARRIED
SEX	: MALE
CATEGORY	: GENERAL
NATIONALITY	: INDIAN
LANGUAGES	: HINDI, ENGLISH
DATE:	

(DR. DEEPAK KUMAR KABRA)