DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	Dr.	First Name	**Rajender**	Last Name	**Kumar**	Photograph
Designation		Assistant Professor				
Address		**I-001, Aditya Mega City, Vaibhav Khand, Indirapuram, Ghaziabad, Uttar Pradesh - 201014**				
Phone No. Office						
Residence		**+91-9716989179**				
Mobile						
Email		**rkumar@db.du.ac.in**				
Web-Page		**https://sites.google.com/view/drrkumar/home**				

Educational Qualifications

Degree	Institution	Year
Ph.D.	**South Asian University, New Delhi**	**2020**
M.Phil.	**CCS University, Meerut**	**2008**
PG	**CCS University, Meerut**	**2007**
UG	**CCS University, Meerut**	**2005**
Any other qualification		

Career Profile

1. Working as an Assistant Professor in Mathematics in Deshbandhu College, University of Delhi, Kalkaji, New Delhi from August 2009 to date.
2. Working as an Assistant Coordinator in IGNOU study center at Deshbandhu College from May 2016 to till date.
3. Working as an Academic Counsellor in IGNOU study center at Deshbandhu College from December 2011 to date.
4. Worked as a lecturer in the Department of Mathematics, BIT, Meerut from July 2008 to July, 2009.

Administrative Assignments

1. Member purchase committee, Deshbandhu College in the year 2017 to 2018.
2. Member Building, Maintenence and Furniture committee, Deshbandhu College in the year 2017 to 2018.
3. OBC Liaison Officer, Deshbandhu College in the year 2017 to till date.
4. OBC observer, Deshbandhu College in the year 2017 and 2018.

Areas of Interest/Specialization

Function Space, Integral Transform, Partial Differential Equations

Subjects Taught

Real and Complex Analysis, Algebra (Group, Ring Theory), Vector Space and Linear Transform, Differential Equations, Partial Differential Equations, Mathematical Modelling, Graph Theory, Discrete Mathematics, Linear Programming Problems, Vector Calculus, Business Mathematics, Mathematics for Economics, Probability and statistics to BA Programme.

Research Guidance

List against each head (If applicable):
1. *Supervision of awarded Doctoral Thesis-Nil*
2. *Supervision of Doctoral Thesis, under progress-Nil*
3. *Supervision of awarded M.Phil. dissertations-Nil*
4. *Supervision of M.Phil. dissertations, under progress-Nil*

Publications Profile

Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals

1. Pankaj Jain, Sandhya Jain and Rajender Kumar, On Fractional Convolutions and Distributions, Integral Transforms and Special Functions, 26 (2015), 885–899. (Taylor and Francis, Thomsan reuters web of science, SCIE, IF: 0.873)

2. Henryk Hudzik, Pankaj Jain and Rajender Kumar, On Generalized Fractional Cosine and Sine Transforms, Georgian Math. J., Vol 25(2), 259-270,2018. (De Gruyter, Thomsan reuters web of science, SCIE, IF: 0.29)

3. Pankaj Jain, Rajender Kumar and Akhilesh Prasad, Generalized Schwartz Type Spaces and LCT Based Pseudo Differential Operators, Transactions of A. Razmadze Mathematical Institute, Vol. 174, 93—106, 2020.

Conference Organization/ Presentations

1. Participated and delivered a talk on On linear canonical transform and pseudo-differential operators " Conference on Analysis and its Applications" during December 9-11, 2017 organised by Dyal Singh College (university of Delhi), Lodhi Road, New Delhi.

2. Participated and delivered a talk on "On Fractional Fourier Transform" in International Conference of The Indian Mathematics Consortium (TIMC) organised by DST-Centre for Interdisciplinary Mathematical Sciences Banaras Hindu University, Varanasi during December 14-17, 2016.

3. Participated and delivered a talk on "Fractional Fourier Transform on Integrable Boehmians" in International Conference on Function Spaces and Inequalities during 8th to 12th December, 2015 held at SAU, New Delhi, India.

4. Participated and delivered a talk on "Fractional Convolution and Distributions" in South Asian Mathematics Research Scholars Meet during 8 – 9 May, 2015 held at SAU, New Delhi, India.

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

NA

Association With Professional Bodies

- Editing- Nil
- Reviewing- Nil
- Advisory- Nil
- Committees and Boards- Nil
- Memberships- Nil
- Office Bearer- Nil

Other Activities

Signature of Faculty
Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.