


FACULTY PROFILE PROFORMA

Title (Ms/Mr/Dr/Prof)	Mr.	First Name	AVNEESH	Last Name	KUMAR	Photograph
Date of Birth	6 th August, 1991					
Age	31 years					
Designation	Assistant Professor					
Department	Department of Mathematics					
Teaching Experience	7 years in Kalindi College, University of Delhi					
Research papers published	4 (2 Scopus +2 Sci)					
Books Published	1					
Address	Department of Mathematics Kalindi College, East Patel Nagar New Delhi-110008					
Email	Avneeshkumar@kalindi.du.ac.in					
Education						
Ph.D. (Pursuing) Mathematical study & data Analysis of Solar image data, M.Sc. Mathematics, B.Ed., B.Sc.						
Career Profile						
Organisation/Institution		Designation			Duration	
Kalindi College		Assistant Professor			22.08.2017 to Till Date	
Research Interests/Specialization						
Data analysis, Applied Mathematics						
Software Knowledge						
MATLAB, IDL, Python, Statistical Software R, EViews, Advanced excel, Mathematica						
Convener/ member of paper setting:						
<ul style="list-style-type: none"> i) Convener of paper setting committee May-June 2023 ii) Convener of paper setting committee, Nov-Dec 2023 iii) Convener of paper setting committee Nov-Dec 2022 iv) Member of paper setting committee, Nov-Dec 2021 						
Administrative Assignments / Contribution to corporate life						
<ul style="list-style-type: none"> 1. Member, Department Time Table Committee Odd & Even Sem. 2018,2021,2022 2. Convener, Department Time Table Committee Odd & Even Sem. 2022 3. In-charge, Departmental Library Even Sem. 2018, Odd Sem.2019 						
Teaching Experiences (Subject/Courses taught)						
<ul style="list-style-type: none"> ➤ Assistant Professor (Ad- hoc): Kalindi College, University of Delhi, Delhi, 110008, India. [AUGUST 22, 2017 to FEBRUARY 2nd, 2024] ➤ Assistant Professor: Kalindi College, University of Delhi, Delhi, 110008, India. [February 03, 2024 to continue] ➤ Teaching Experience: 7 years. Following Description to Courses Taught: 						

- B.Sc.(H) I, II, III, V & VI Sem. Paper description: Biomathematics, Calculus, Riemann Integration & Series of Functions, Theory of real functions, Differential Equations, Mathematical Modelling, Complex Analysis, GE-differential Equation (with practical)
- B.A.(Prog) I, II, V Sem. Paper description: General mathematics-I, Statistical Software -R, probability theory & statistics, Algebra, Transportation and network flow problems, Type setting system Latex
- B.Sc. Physical science (Prog) I, III, IV, V&VI Sem. Paper description: Differential Equation (with practical), Algebra, Real Analysis, Statistical Software-R, Transportation and network flow problems, probability theory & statistics
- B.VOC I, II Sem. Fundamentals of Mathematics, Fundamental of Statistics

Publication (Peer Reviewed/Indexed Journals)

Year of Publication	Title	Journal (Name of the journal. Vol Issue ISSN)	Co-Author
2022	Diagnosis Of Skin Cancer By Using Fuzzy-Ann Expert System With Unification Of Improved Gini Index Random Forest-Based Feature	Journal of Pharmaceutical Negative Results 22297723	
2023	FIS-Based Prediction And Estimation Of Health Insurance For Workers In The Manufacturing Sector	Journal of Pharmaceutical Negative Results 22297723	
2023	Temporal and spatial variability of EUV flux at 094 Å and its relationship with sunspot activity	New Astronomy 102085	
2024	Comparative study of solar rotation of transition region and corona using solar irradiance and radio flux	Solar Physics 299-09(0038-0938)	

Books Published

Year: 2024 Title: DATA MODELLING AND STATISTICAL ANALYSIS Publisher (Name of the publisher. Vol Issue ISBN): Rest Publishers Ltd. ISBN: 978-81-972876-6-4

Seminar/Workshop/Conferences Presentation/Organisation

1. 30th Oct. to 1st Nov. 2017 three- Day Workshop on Vedic Mathematics at Department of Mathematics, Kalindi College University of Delhi.
2. 23rd April 2018 One day workshop on **Mathematical Biology** Department of Biophysics, UDSC, Delhi.
3. 27 Feb. 2019 Seminar on **CAREER COUNSELLING**, Department of Journalism Kalindi College University of Delhi.
4. 1st June to 6th June, 2019 One week FDP on **Basic Research Methodology** at **Guru Anand Dev Teaching Learning Centre of MHRD, SGTB Khalsa College**, University of Delhi.
5. 13th January to 15th January 2020 three days, workshop on **Data Science and Programming with Python** Organized by department of statistics, university of Delhi in conjunction with StepUp Analytics, Gurgaon, India.
6. 11th May to 15th May 2020 one week FDP on R Programming at “BIT Mesra off campus Noida in Association with **Spoken Tutorial Project, IIT Bombay**”.
7. 24th Jan. to 26th Jan. 2021 three-day online Workshop on “**TIME SERIES (Econometrics)**” Organized by “**Primax Academy, Bengaluru, Karnataka, INDIA**”.
8. 21st June to 25th June ,2021 One week FDP on **DATA ANALYSIS** in MS Excel (Online mode) organized by REST Society for Research International (RSRI) Tamil Nadu, India.
9. 28th June to 2nd July, 2021 one week FDP on **Research Paper Writing** (online mode) organized by REST Society for Research International (RSRI) Tamil Nadu, India.

10. 5th July to 10th July, 2021 One week FDP on **Recent Trends in Data Analysis** in R (online mode) organized by REST Society for Research International (RSRI) Tamil Nadu, India.
11. 3th August to 17th August two week (online) interdisciplinary FDP on **MOOC'S, E-Content development, Research methodology and statistical tools in Open Education World** organised by Kalindi College in collaboration with MHFDC Hansraj college University of Delhi.
12. 16th August to 21th August, 2021 One week FDP on **Structural Equation modelling** (online mode) organized by REST Society for Research International (RSRI) Tamil Nadu, India.
13. 23th August to 27th August, 2021 One week FDP on **Data Analysis Python and R** (online mode) organized by REST Society for Research International (RSRI) Tamil Nadu, India.
14. 30th August to 4th Sept. ,2021 One week FDP on **Analysis of data by R** (Online mode) organized by REST Society for Research International (RSRI) Tamil Nadu, India.
15. 8th Nov. to 20th Dec. 2021, Online Course '**Astronomical data analysis using Python**' Organized by **NRC IUCAA**.
16. 17th January to 22th January. ,2022 One week FDP on **Emerging trends in data analysis in Python** (Online mode) organized by REST Society for Research International (RSRI) Tamil Nadu, India.
17. 11th July to 15th July. ,2022 One week FDP on **Emerging trends in data analysis in using MATLAB** (Online mode) organized by REST Society for Research International (RSRI) Tamil Nadu, India.
18. Present a paper titled: "The impact of solar activity on climate" in **International Conference on Socio-Cultural Institutions, Information and Practics in India and Europe** held on 16th December, 2023 at **MMH College Ghaziabad, India**.
19. 21th February to 19th March., 2024 **Four weeks Faculty Induction/Orientation Programme** for "Faculty in Universities/Colleges/Institutes of Higher Education" organized by Teaching Learning Centre Ramanujan College, University of Delhi, India.
- 20.

Awards & Distinctions

Public Service/ University Service/ Consulting Activity

Professional Societies Memberships

Projects (MajorGrants/ Collaborations)

OtherDetails

Mr. AVNEESH KUMAR