


Faculty Details Page on College Web-site

Title	Prof.	First Name	Chaitanya	Last Name	Kumar	Photograph
Designation		Professor				
Department		Mathematics				
Address (Residence)		C-18 Model Town-3 ,Delhi-110009				
Phone No (Residence) optional						
Mobile		9312209181				
Fax						
Email		Singh.chaitanya.du@gmail.com				
Web-Page						
Education						
Subject	Institution		Year	Details		
Mathematics	Agra University		1978	B.Sc		
Mathematics	University of Delhi		1981	M.Sc		
Mathematics	University of Delhi		1983	M.Phil		
Mathematics	University of Delhi		1988	Ph.D		
Career Profile						
Organisation / Institution		Designation	Duration	Role		
A.R.S.D College (University of Delhi)		Assistant Professor	01 Year	Teaching		
G.D.Salwan College		Assistant Professor	03 Years	Teaching		
Delhi College of Arts And Commerce (University of Delhi)		Associate Professor	1987	Teaching		
Delhi College of Arts And Commerce (University of Delhi)		Professor	1st January 2019	Teaching		
Research Interests / Specialization						
Applied Mathematics						
Teaching Experience (Subjects/Courses Taught)						
37 years , M. Sc. (Maths), B.Sc(H) , B. Com (H), B.A. (H) (Eco), B.A. (P).						
Honors & Awards						
Publications / Books/ Chapters in Books						

- Low frequency scattering of acoustic plane waves by an arbitrary penetrable cylindrical obstacle, Int.J.Math, Educ, Science, Technology. 1991,Vol.22 No.4, 595-608 (U.K).
- Scatting of Electromagnetic plane waves by an arbitrary dielectric infinite cylinder, Int.J.Math, Educ, Science, Technology. 1993,Vo.4, 2 No.251-265 (U.K).
- Note on low frequency scattering of acoustic plane waves of an arbitrary penetrable cylindrical obstacle, Int.J.Math,Educ,Science, Technology. 1993,Vol. 24 No.2, 289-293 (U.K).
- Scattering of elastic P waves by a rigid circular cylinder, Int.J.Math, Educ, Science, Technology (In press)
- Integral Equations for Boundary value problems of scattering of Elastic Waves, International Journal of Applied Mathematical Analysis and Applications Vol. 10,Nos. 1-2, pp. 103-109, 2015, ISSN No. 0933-3868.
- Integral Equation Technique for Diffraction of an arbitrary Triaxial Ellipsoid, International Journal of Mathematical Sciences, Vol. 14, Nos. 3-4, pp.245-258, 2015, ISSN No. : 0972-754X.
- Solutions of Diffraction of Elastic P Waves by an Immovable Rigid Sphere by Integral equation Techniques, International Journal of Applied Mathematical Analysis and Applications Vol. 11 No. 2, PP. 195- 206, 2016, ISSN No. : 0973-3868.
- Solutions of Far-field Amplitude and Scattering cross section for a rigid Ellipsoid by Integral equation Techniques, IJMS, Vol. 15 Nos. 3-4, pp. 229-237, 2016, ISSN No. : 0972-754X.
- Note on Scattering of Elastic P-waves by a rigid circular cylinder, IJMS, Vol. 17, Nos. 1-2, pp. 185-193, 2018, ISSN No. : 0972-754X.
- Solutions of Integral Equations by Integral equation techniques, International Review of Pure and Applied Mathematics, Vol. 14, No.2, pp. 242-250, 2018, ISSN No.: 0973-1350.

Books

- Ordinary and Partial Differential equations, Published by Sultan Chand and Sons, First edition-2021.
- Theory of Analytic Geometry and Applied Algebra" Published by Insha Publications. First edition, 2020.
- Basic Research Methods and Statistics for Social Sciences." Published by Insha Publications. First edition – 2020.
- Mathematics for MCA Entrance Examination". Published by INsha Publications, First edition1996, 2nd edition 2020.
- Essentials of Mathematics for Business studies" Published by Insha Publications. First edition 1993 and 2 nd revised edition2020.

Chapters in Books

E-lessons on the following topics at ILLL (University of Delhi):

- Modeling Ballistics and Planetary Motion
- Curvature
- Test for the Convergence of Infinite Series

- Techniques for sketching for parabola and Ellipse and their applications.
- Techniques for sketching hyperbola and classification of quadratic equations.

- Vector Algebra.

- Parametric equations of lines and planes in 3-space.

Conference Presentations/workshops

- Participate in ICT Workshop for Capacity building of Delhi University Faculty from Feb. 1-12, 2010.
- Refresher course in Mathematics (Math-II) entitled "Differentiation and Integration in Real Analysis from June 9-28, 1997.
- Refresher Course in Mathematics (Math-12) entitled "Applied Mathematics" from January 14 to February 3, 1998.

Public Service / University Service / Consulting Activity/College Committee members

- Member of the faculty of Mathematical Sciences, University of Delhi, Delhi, from 2016 to 2019.
- Member of Internal Complaint Committee, DCAC (University of Delhi) New Delhi-23.
- Member of the Committee of courses for Under Graduate studies for the period 26.02.2015 to 25.02.2017, University of Delhi.
- Convener/Examiner for setting question papers for the semester mode / annual mode B.A. (Hons.) and B.A. (Prog.)University of Delhi from 2015 to 2021.
- Member of Departmental Research Committee w.e.f. 9.8.2017 to 25.10.2018.
- Member of M.Phil. Committee w.e.f. 9.8.2017 to 30.07.2018.
- Member of the Interview Bard for admission of MA/M.Sc. Part-I (Operational Research for the academic session 2014-2015, University of Delhi.
- Convenor of Board of Examiners for paper setting B.A. (Prog.) and B.A. (Hons) / B.Sc. (H) w.e.f. 2014 to 2017.
- Convenor/Member of various committee of college such as Internal Complaints Committee, Monitoring Committee, Canteen Committee Bursar, Medical Committee, Time Table Committee, Workload Committee, Land and Building Committee, Deputy Superintendent of Examination, Member of Central Admission Committee etc.

Professional Societies Memberships

Projects (Major Grants / Collaborations)
Other Details
RESEARCH GUIDANCE; One student received M.Phil. degree from University of Delhi under my supervision in 2016.