




Shivaji College Faculty Details Proforma

Title	Mr.	First Name	Nitesh	Last Name	Kumar	Photograph
Designation	Assistant Professor					
Address	Department of Mathematics, Shivaji College (University of Delhi), New Delhi – 110027					
Office Phone No.						
Residence						
Mobile	9540014573					
Email	niteshkumar@shivaji.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	University/Institute				Year	
Ph.D.	University of Delhi				Pursing	
M.Phil./M.Tech.						
PG	IIT Gandhinagar				2016	
UG	University of Delhi				2014	
Any Other Qualification						
Career Profile						

Working as an Assistant Professor in Shivaji College from August, 2018.

Administrative Assignments

- Member of NSS
- Member of NAAC
- Member of Placement Cell
- Member of Canteen Committee
- Member of Admission Committee
- Member of Women Development Cell

Areas of Interest/Specialisation

Celestial Mechanics, Topology

Subjects Taught

- Real Analysis
- Group theory-I
- Group theory-II
- Ring theory and linear algebra-II
- Mathematical Finance
- Ring theory and linear algebra-I
- Elementary real analysis
- Riemann integration

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Publications Profile (Research Papers/Books)

- Vinay Kumar and **Nitesh Kumar**. *Unveiling the Attracting Regions in Photogravitational Four-Body Problem Including the Effect of Asteroids Belts*. *Astronomy Reports* 67.6 (2023): 667-683.
- Vinay Kumar and **Nitesh Kumar**. *Investigating Attraction Zones in the Photogravitational Four-Body Problem: Effects of Asteroid Belt and Small Perturbations in Coriolis and Centrifugal Forces*. *Kinematics and Physics of Celestial Bodies*, 2024, Vol. 40, No. 2, pp. 88–104.

Conference/Seminar/Faculty Development Programme/Workshop

Conferences

- Presented a paper titled “Unveiling the Attracting Regions in Photogravitational Four-Body Problem Including the Effect of Asteroids Belts” in the International Conference on analysis and its application organised by Shivaji College, University of Delhi from 27/02/2023-28/02/2023 (ICAA-23).
- Presented a paper titled “Investigating Attraction Zones in the Photogravitational Four-Body Problem: Effects of Asteroid Belt and Small Perturbations in Coriolis and Centrifugal Forces” in the International Conference on advances on pure and applied mathematics organised by Shyam Lal College from 08/02/2024-10/02/2024 (ICAPAM-24).
- Presented a paper titled “Investigating Attraction Zones in the Pseudo-Newtonian Photogravitational Four-Body Problem under the effect of Asteroids Belt” in the International Conference on advances on pure and applied mathematics organised by Shyam Lal College from 08/02/2024-10/02/2024 (ICAPAM-24).
- Participated in the International Conference on ‘*Resurgent Bharat on the Global Canvas*’ (25 February - 26 February, 2024) organised by Shaikshik Foundation in collaboration with Shivaji College, University of Delhi.

FDPs

- Participated in the FDP on “Dimensions of Research: From Literature Review to Data Analysis” organised by Shivaji College from 04/12/2023-09/12/2023.
- Participated in the Faculty Induction Program organised by Teaching learning center of Ramanujan College from 21/02/2024-19/03/2024.

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

Awards and Distinctions

Received Institute's gold medal for securing highest CPI in M.Sc. Mathematics from IIT Gandhinagar.

Memberships

Other Academic Activities

Cultural/Extracurricular Activities

Signature of Faculty Member