




Shivaji College Faculty Details Proforma

Title		First Name		Last Name		Photograph
	Dr.		JEETENDRA		AGGARWAL	
Designation	ASSISTANT PROFESSOR					
Address	DEPARTMENT OF MATHEMATICS, SHIVAJI COLLEGE, UNIVERSITY OF DELHI.					
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Educational Qualifications	M.Sc., Ph. D.					
Degree	University/Institute				Year	
Ph.D.	University of Delhi				2011	
M.Phil./M.Tech.						
PG	Ramjas College, University of Delhi				2004	
UG	Ramjas College, University of Delhi				2002	
Any Other Qualification						

Career Profile

- Ph.D. in Mathematics in the area of General Topology entitled "Function Spaces and Variants of Continuity" from Department of Mathematics, University of Delhi in 2011.
- JRF (NET) qualified from CSIR in Dec, 2006.
- M.Sc. Maths from Ramjas College (University of Delhi) in 2004.
- B.Sc. (Hons.) Maths from Ramjas College (University of Delhi) in 2002.
- Secured first position in all the three years in B.Sc.(H) Maths in Ramjas College, University of Delhi.
- Teaching at Shivaji College (University of Delhi) as an Assistant Professor since 3rd Dec 2008.

Administrative Assignments

- Member of NAAC working committee.
- Member of IQAC (Internal Quality Assurance Cell).
- Member of Science Setu Programme of National Institute of Immunology.
- Convener of Internal Assessment Committee.
- Member of Prospectus and Magazine Committee.
- Co-Convener of Soft Skills Training Programme for Delhi Traffic Police Constables held during Dec, 2014.
- Member of Time Table Committee.
- Member of Cultural Committee.
- Member of Library Committee
- Member of Canteen Committee
- Member of Admission Committee
- Member of Women Development Committee

Areas of Interest/Specialisation

General Topology, Function Spaces,

Subjects Taught

Algebra, Calculus, Multivariate Calculus, Probability & Stats., Analysis-I, Analysis-II, Riemann Integration and Series of functions, Metric Spaces, Complex Analysis, Group Theory, Ring Theory, Linear Algebra, Linear Programming and Theory of Games, Mathematics for Life Sciences.

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

Project Investigator of Innovation Project (SHC-311) : Lifestyle Disorders: Etiology, Awareness & Management sanctioned by University of Delhi.

Publications Profile (Research Papers/Books)

Research in General Topology, Function Spaces

- F-Supercontinuous functions, Applied General Topology, Vol. 10(1) (2009), 69-83.
- R-Supercontinuous functions, Demonstratio Mathematica, Vol. 43(3), (2010), 703-723.
- Between Continuity and Set Connectedness, Applied General Topology, Vol. 11(1) (2010), 43-55.
- Common fixed point theorems for non-commuting mappings in topologically complete Tychonoff (uniform) spaces, Indian Journal of Mathematics, Vol. 52(1), 2010, 31-45.
- Quasi α -supercontinuous functions and their Function Spaces, Demonstratio Mathematica, Vol. 45(3), (2012), 677-697.
- Closedness of certain classes of functions in the topology of uniform convergence, Demonstratio Mathematica, Vol. 45(4), (2012), 947-952.
- Pseudo Perfectly Continuous Functions and Closedness/ Compactness of their Function spaces, Applied General Topology, Vol. 14(1) (2013), 115-134.
- R_δ -Supercontinuous functions, Demonstratio Mathematica, Vol. 47(2) (2014), 433-448.
- R_z -Supercontinuous functions, Mathematica Bohemica, Vol. 140, no. 3 (2015), pp. 329-343.
- A class of mappings between R_z -Supercontinuous functions and R_δ -Supercontinuous functions, Honam Mathematical Journal, Vol. 39(4) 2017, 575-590.

Research on Innovation Project : Lifestyle Disorders: Etiology, Awareness & Management

- Presented poster on 'Analysis and Assessment of Body Fat Percentages and Quetelet's Index in Indian Undergraduate Students' in Innovation conclave 2016, Nurturing research at UG level, organized by Acharya Narendra Dev College, University of Delhi, held from 25th -26th October, 2016.
- Published paper on 'Assessment of correlation between Quetelet's Index and Body fat percentage in a group of Indian Undergraduate Students' in the Delhi University Journal of Undergraduate Research and Innovation, Vol. 2(1) pp. 56-69, 2016.

Conference/Seminar/Faculty Development Programme/Workshop

- National Workshop on LaTeX- An ICT Tool for Scientific Publishing held at Guru Angad Dev Teaching Learning Centre of MHRD, S.G.T.B. Khalsa College, University of Delhi on 26th March, 2018.
- TEW on Connections across disciplines in Mathematics at IISER Mohali held from December 18-24, 2017.
- TEW on Group Theory, Analysis and Topology at Doon University, Uttarakhand, from October 09 - 14, 2017.
- International Conference on Topology and Geometry held in University of Delhi, during November 23-24, 2017
- IST Groups and Rings, Himachal Pradesh University, Shimla from June 5 - 17 June, 2017.
- Faculty Development Programme on Statistical Computing Software 'R' held at Department of Mathematics, Keshav Mahavidyalaya, University of Delhi on 24th March, 2017.
- Participated in MOOC Workshop held on 4th March, 2016 at ILLU University of Delhi.
- Participated in International Conference on Recent Advances in Optimization Theory and Applications, held in University of Delhi, during 30-31, 2016.
- Participated in Capacity Building Workshop on e-content creation in Mathematics held on 29th January, 2016 at ILLU University of Delhi.
- Orientation Programme (OR-81) from CPDHE, University of Delhi held during 8th June 2015 - 4th July 2015.
- Refresher Course in Mathematical Sciences from CPDHE, University of Delhi held during 26th November to 16th December 2015.
- Participated in Science Academies' Lecture Workshop on Theory of Equations, held in Shivaji College during 16-17, October, 2014
- Participated in the International conference " The Legacy of Srinivasa Ramanujan" held at Conference Centre, University of Delhi, 17-22 December, 2012.
- Participated in the "National Meet on History of Mathematical Sciences" held at Conference Centre, University of Delhi, January 7-9, 2010.

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

Awards and Distinctions

- Teaching Excellence Award received from University of Delhi on 1st May, 2014.
- Received a Certificate of appreciation awarded to SHC-311 titled “Lifestyle disorders: Etiology, Awareness & Management” for being selected for research display by University of Delhi on November 19th, 2016.
- Received certificate for project with ‘Most Significant Societal Impact’ at the Research Display at the Convention Centre on 19th November, 2016

Memberships**Other Academic Activities**

- Organised Seminar on Mathematics and Its Applications in Shivaji College on 27th Oct 2015.
- Organised Health Camps under Innovation Project : Lifestyle Disorders: Etiology, Awareness & Management in Shivaji College :
 - World Health Day – 7 th April, 2016
 - World Asthma Day – 3 rd May, 2016
 - Health Camp from 19 th September, 2016 – 1 st October, 2016
 - World Heart Day – 29 th September, 2016
 - Health Awareness Desk – 18 th -19 th October, 2016

Cultural/ Extracurricular Activities

Signature of Faculty Member