

# **DESHBANDHU COLLEGE**

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

Title	Dr.	First Name	Chirag	Last Name	Garg	Photograph		
Designation		Assistant Profe	essor					
Address		Department of New Delhi-110	Mathematics, I					
Phone No. Office		7827208800						
Residence		7827208800						
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Email		cgarg@db.du.ac.in and garg88chirag@gmail.com						
Web-Page								
Educational Qualifications								
Degree		Institution				Year		
Ph.D.		Indian Institute of Technology, Delhi				2017		
PG		Punjabi University Patiala				2010		
UG		Punjabi University Patiala				2008		
CSIR-JRF		CSIR-JRF (All India Rank - 93)				2010		

# Career Profile

GATE

- Working as Assistant Professor in Deshbandhu College from 25-03-2019 to present.
- Worked as Assistant Professor in Jamia Millia Islamia University from 07-08-2018 to 24-03-2019.

2011

• Worked as Assistant Professor in Shivaji College from 03-08-2017 to 19-05-2018.

99.65 Percentile (All India Rank - 13)

• Worked as Lecturer in Guru Nanak College for Girls, Muktsar, Punjab from 01-08-2011 to 30-12-2011.

## **Administrative Assignments**

- Working as an active member in Mathematics Department Website Committee of Deshbandhu College in the academic session 2020-2021.
- Worked as an active member in Open Book Examination Evaluation Committee of Deshbandhu College in the academic session 2020-2021.
- Worked as an active member in Central Admission Committee of Deshbandhu College in the academic session 2019-2020.
- Worked as an active member of NSS committee of Shivaji College in academic session 2017-2018.

# Areas of Interest/Specialization

#### **ALGEBRA**

# **Subjects Taught**

U.G. Courses	U.G. Courses	P.G. Courses	
Ring Theory	Ordinary Differential Equation	Ring Theory	
Group Theory	Partial Differential Equation	Group Theory	

Real Analysis	Discrete Mathematics	Linear Algebra	
Linear Algebra		Number Theory	
Number Theory			

#### Research Guidance

NΔ

#### **Publications Profile**

## Research papers published in Refereed/Peer Reviewed Journals

- 1. **C. Garg** and R. K. Sharma, "Multiplicative (Generalized)- $(\alpha, \beta)$ -Derivations on Prime Rings", to appear in *Ukrainian Mathematical Journal*, (2020).
- 2. B. Dhara, **C. Garg**, R. K. Sharma, "An identity on generalized derivations involving multilinear polynomials in prime rings", *Proceedings-Mathematical Sciences*, 129(40), (2019).
- 3. R. K. Sharma, B. Dhara and **C. Garg**, "A result concerning generalized derivations on multilinear polynomials in prime rings", *Rendiconti del Circolo Matematico di Palermo*, 68, (2019), 275-291.
- 4. R.K. Sharma, B. Dhara, V. De Filippis, **C. Garg**, "A result concerning nilpotent values with generalized skew derivations on Lie ideals", *Communications in Algebra*, 46, (2018), 5330-5341.
- 5. **C. Garg**and R. K. Sharma, "A note on annihilator conditions in prime Rings", *Rendiconti del Circolo Matematico di Palermo*, 67, (2018), 197-204.
- 6. **C. Garg**, V.K. Yadav and R.K. Sharma, "A note on generalized ( $\alpha$ ,  $\beta$ )-Derivation" *Southeast Asian Bull. Math. Journal*, 42(4), (2017), 535-543.
- 7. **C. Garg**and R. K. Sharma, "On generalized ( $\alpha$ ,  $\beta$ )-derivations in prime Rings", *Rendiconti del Circolo Matematico di Palermo*, 65, (2015), 175-184.

## Conference Organization/Presentations

- 1. Presented paper entitled "Multiplicative (generalized) -( $\alpha$ ,  $\beta$ ) -derivations in prime and semiprime rings" in the *international conference on Applied Physics and Mathematics* held during January 13-14, 2016 Singapore.
- 2. Presented paper entitled "On commutativity of prime rings with generalized (1,  $\theta$ )-Derivations" in the *international conference on Semigroups Algebras and Applications* held during September 17-19, 2015 at Cochin University of Science and Technology, Kerala.

## Research Projects (Major Grants/Research Collaboration)

## Awards and Distinctions

- 1. Qualified NBHM for Ph.D. fellowship.
- 2. Played Chess (U-19) at State level in 2004.

## **Association With Professional Bodies**

## Other Activities

## **Workshops/Seminars Attended:**

- Participated in One-Week Faculty Development Programme "Mathematical Analysis and its Applications" jointly organized by Mahatma Hansraj College, University of Delhi under the aegis of PMMMNMTT and Vivekananda College, University of Delhi, New Delhi during July 26 - July 31, 2021.
- Participated in *Two Week Refresher Course* in "Mathematics" organized by Teaching Learning Centre & Department of Mathematics, Ramanujan College, University of Delhi under the aegis of PMMMNM from 14-28 June 2021 and successfully completed with A+ grade.
- Participated in Two Week Refresher Course in "Mathematics" organized by Teaching Learning Centre
   Department of Mathematics, Ramanujan College, University of Delhi under the aegis of PMMMNM from 16-30 March 2021 and successfully completed with A+ grade.
- Participated in One-Week Faculty Development Programme "Development and Delivery of MOOCs and E-Content" jointly organized by Central University of Haryana, Mahendragarh under the aegis of PMMMNMTT and IQAC, Deshbandhu College, University of Delhi, New Delhi during June 26 - July 01, 2020.
- Participated in *Two Weeks Faculty Development Program* "Managing Online Classes and Co-Creating MOOCS 2.0" sponsored by Ministry of Human Resource Development held at Teaching learning Centre, Ramanujan College, University of Delhi, New Delhi during May 18- June 03, 2020.
- Worked as an Evaluator for State Level Camp (Level-II) Delhi of Vidyarthi Vigyan Manthan VVM 2019-20 organized by VIBHA in association with Vigyan Prasrar, DST and NCERT, MHRD (Govt. of India) on Sunday 19<sup>th</sup> January 2020 at Deshbandhu College, University of Delhi, New Delhi.
- Attended Teacher's Enrichment Workshop conducted by NCM *Linear Algebra, Coding Theory and Cryptography* held during November 18-23, 2019 at Department of Mathematics, Janki Devi Memorial College, University of Delhi.
- Attended Teacher's Enrichment Workshop conducted by NCM*Algebra and its applications* held during May 6-11, 2019 at Department of Mathematics, Shivaji College, University of Delhi.
- Attended conference *International Conference on Algebra and its Applications* held during November 12-14, 2016 at Department of Mathematics, Aligarh Muslim University.
- Attended conference *National Conference on Advances in Mathematics* held during March 7-8, 2014 at Hansraj College, University of Delhi.



Signature of Faculty Member