




## Shivaji College Faculty Details Proforma

|                                   |   |                   |               |                  |             |  |
|-----------------------------------|---|-------------------|---------------|------------------|-------------|--|
| <b>Title</b>                      |   | <b>First Name</b> |               | <b>Last Name</b> |             | <b>Photograph</b>  |
|                                   | <b>Dr.</b>                                      |                   | <b>CHIRAG</b> |                  | <b>GARG</b> |  |
| <b>Designation</b>                | ASSISTANT PROFESSOR                             |                   |               |                  |             |  |
| <b>Address</b>                    | DEPARTMENT OF MATHEMATICS, SHIVAJI COLLEGE      |                   |               |                  |             |  |
| <b>Office Phone No.</b>           |   |                   |               |                  |             |  |
| <b>Residence</b>                  | Q-39, MOHAN PARK, NAVEEN SHAHDARA, DELHI-110032 |                   |               |                  |             |  |
| <b>Mobile</b>                     |   |                   |               |                  |             |  |
| <b>Email</b>                      | garg88chirag@gmail.com                          |                   |               |                  |             |  |
| <b>Web-Page</b>                   |   |                   |               |                  |             |  |
| <b>Educational Qualifications</b> |   |                   |               |                  |             |  |
| <b>Degree</b>                     | <b>University/Institute</b>                     |                   |               |                  | <b>Year</b> |  |
| <b>Ph.D.</b>                      | IIT DELHI                                       |                   |               |                  | 2017        |  |
| <b>M.Phil./M.Tech.</b>            |   |                   |               |                  |             |  |
| <b>PG</b>                         | PUNJABI UNIVERSITY PATIALA                      |                   |               |                  | 2010        |  |
| <b>UG</b>                         | PUNJABI UNIVERSITY PATIALA                      |                   |               |                  | 2008        |  |
| <b>Any Other Qualification</b>    |   |                   |               |                  |             |  |
| <b>Career Profile</b>             |   |                   |               |                  |             |  |
|                                   |   |                   |               |                  |             |  |

**Administrative Assignments**

**Areas of Interest/Specialisation**

**ALGEBRA/DERIVATIONS ON RINGS**

**Subjects Taught**

**MATHEMATICAL FINANCE, DIFFERENTIAL EQUATIONS, NUMBER THEORY, CALCULUS AND GEOMETRY**

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

**Publications Profile (Research Papers/Books)**

- (1.) R.K. Sharma, B. Dhara, V. De Filippis, **C. Garg**, "A result concerning nilpotent values with generalized skew derivations on Lie ideals", accepted for publication in Communications in Algebra, 2018.
- (2.) **C. Garg** and R. K. Sharma, "On generalized (alpha,beta)-derivations in prime rings", Rendiconti del Circolo Matematico di Palermo, 65, (2015), 175-184.
- (3.) **C. Garg**, V.K. Yadav and R.K. Sharma, "A note on generalized (alpha,beta)-derivation", to appear in Southeast Asian Bull. Math. J. (2017).
- (4.) **C. Garg** and R. K. Sharma, "A note on annihilator conditions in prime Rings", Rendiconti del Circolo Matematico di Palermo, (2017), DOI: 10.1007/s12215-017-0305-y.
- (5.) **C. Garg** and R. K. Sharma, "Some algebraic identities in rings and rings with involution", Palestine Journal of Mathematics, 6, (2017), 238-246.
- (6.) R. K. Sharma, B. Dhara and **C. Garg**, "Generalized derivations of order 2 vanishing on commutators with derivations in prime rings", under review in Rendiconti del Seminario Matematico della Universit di Padova, 2016.

(7.) R. K. Sharma, B. Dhara and **C. Garg**, "An Identity Involving Derivations and Generalized Derivations on Multilinear Polynomials in Prime Rings", under review in Quaestiones Mathematicae, 2017.

(8.) **C. Garg** and R. K. Sharma, "Multiplicative (Generalized)-(alpha,beta)-Derivations on Prime Rings", under review in Ukrainian Mathematical Journal, 2016.

#### **Conference/Seminar/Faculty Development Programme/Workshop**

- (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.
- (3.) Attended conference National Conference on Advances in Mathematics held during March 7-8, 2014 at Hansraj College, University of Delhi.
- (4.) Attended conference International Conference on Algebra and its Applications held during November 12-14, 2016 at Mathematics department, Aligarh Muslim University.

#### **Research Guidance (Supervision of Doctoral Thesis/Dissertations)**

#### **Awards and Distinctions**

- (1.) Qualified GATE (Graduate Aptitude Test for Engineering), 2011 with All India Rank 13.
- (2.) Qualified CSIR (Council for Scientific and Industrial Research)-JRF(Junior Research Fellowship), Dec 2010 with All India Rank 93.
- (3.) Qualified NBHM (National Board for Higher Mathematics) post doctoral fellowship, 2012.
- (4.) Secured highest marks in 12th class.
- (5.) Secured highest marks in 10th class.

#### **Memberships**

**Other Academic Activities**

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**Cultural/ Extracurricular Activities**

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| In school got first position at zonal and district level in Under-19 CHESS tournament 2004. |
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**Signature of Faculty Member**