

1. **Name of faculty:** **Dr. PRAVIN GARG**
2. **Department:** **Mathematics**
3. **Designation:** **Assistant Professor**
4. **Age as on 01.01.2016:** **35 years**
5. **Educational Qualifications:** **M.Sc., Ph.D.**
6. **Teaching Experience as on 01.01.2016:** **10 years**
7. **Address (Local):** **139-A Shanti Nagar, Durgapura, Jaipur-302018**
8. **Address (Permanent):** **139-A Shanti Nagar, Durgapura, Jaipur-302018**
9. **Phone / Mobile Number:** **+919982123280**
10. **Email ID:** **garg.pravin@gmail.com**
11. **Details of Research Projects:**

S. No.	Title of project	Co-investigator if any	Funding Agency	Year of sanction	Year of completion	Funds received (in Lacs)
1.	UGC Start-up Grant	-	UGC	2014	2016	6

12. **List of Publications:**

Authors names	Title of paper	Name of Journal	Vol. No.	Pages from – to	Year
Pravin Garg (with D. Sinha)	Canonical Consistency of Signed Line Structures	Graph Theory Notes of New York	59	22-27	2010
Pravin Garg (with D. Sinha)	On the Unitary Cayley Signed Graphs	Electronic Journal of Combinatorics Impact Factor: 0.626 A SCI (Science Citation Indexed) Journal	18	#P229	2011
Pravin Garg (with D. Sinha)	Balance and Consistency of Total Signed Graphs	Indian Journal of Mathematics	53(1)	71-81	2011
Pravin Garg	Characterization of Total	International	6(5)	221-228	2011

(with D. Sinha)	Signed Graph and Semi-Total Signed Graphs	Journal of Contemporary Mathematical Sciences			
Pravin Garg (with D. Sinha)	On the Regularity of Some Signed Graph Structures	AKCE International Journal of Graphs and Combinatorics	8(1)	63-74	2011
Pravin Garg (with D. Sinha)	Some Results on Semi-Total Signed Graphs	Discussiones Mathematicae Graph Theory Impact Factor: 0.282 A SCI (Science Citation Indexed) Journal	31(4)	625-638	2011
Pravin Garg (with D. Sinha and A. Singh)	Some Properties on Unitary Addition Cayley Graphs	Notes on Number Theory and Discrete Mathematics	17(3)	49-59	2011
Pravin Garg (with D. Sinha and H. Saraswat)	On the Splitting Signed Graphs	Journal of Combinatorics Information & System Sciences	38(1-4)	103-111	2013
Pravin Garg (with D. Sinha)	A Characterization of Canonically Consistent Total Signed Graphs	Notes on Number Theory and Discrete Mathematics	19(3)	70-77	2013
Pravin Garg (with D. Sinha)	Balance and Antibalance of the Tensor Product of two Signed Graphs	Thai Journal of Mathematics	12(2)	303-311	2014
Pravin Garg (with D. Sinha)	Canonical Consistency of Semi-Total Line Signed Graphs	National Academy Science Letters Impact Factor: 0.292 A SCI (Science Citation Indexed) Journal	38(5)	429-432	2015
Pravin Garg (with D. Sinha)	Canonical Consistency of Semi-Total Point Signed Graphs	National Academy Science Letters Impact Factor: 0.292 A SCI (Science	DOI 10.1007/s40009-015-0374-4		2015

		Citation Indexed) Journal			
Pravin Garg (with S. Goyal)	Wiener Index of Some Total Graphs	International Bulletin of Mathematical Research	2(2)	25-32	2015
Pravin Garg (with D. Sinha and S. Goyal)	Eulerian and Hamiltonian Properties of Gallai and Anti-Gallai Total Graphs	Journal of the Indonesian Mathematical Society	21(2)	105-116	2015

13. List of Conferences / Symposium/ Refresher Courses organized

- Organized the National Seminar on “*Recent Advances in Pure and Applied Mathematics and 19th Prof. P.D. Verma Memorial Lecture*” held at University of Rajasthan, Rajasthan during September 12-13, 2015 as a member of Organizing Committee.
- Organized the National Workshop on “*Differential Geometry*” held at Banasthali University from October 23-27, 2013 as a member of Organizing Committee.
- Organized the National Workshop on “*Recent Trends in Bio-Mathematics & Statistics*” held at Banasthali University from November 02-05, 2012 as a member of Organizing Committee.
- Organized the National Workshop on “*Cryptography and Number Theory*” held at Banasthali University from May 03-06, 2012 as an **Organizing Secretary**.
- Organized the National Workshop on “*Inventory and Transportation*” held at Banasthali University from March 15-18, 2012 as a member of Organizing Committee.
- Organized the National Workshop on “*Linear and Nonlinear Systems*” held at Banasthali University from December 15-19, 2011 as a member of Programme Committee.
- Organized the Workshop on “*Block Design and its Applications*” held at Banasthali University from February 5-8, 2011 as a member of Programme Committee.
- Organized the Mini MTTTS Programme on “*Number Theory and Algebra*” held at Banasthali University from Dec. 18-24, 2010 as a member of Programme Committee.

- Organized the National Workshop on “*Discrete Mathematics*” held at Banasthali University from May 1-5, 2010 as a member of Programme Committee.
- Organized the National Workshop on “*Mathematical Modeling*” held at Banasthali University from December 15-19, 2009 as a member of Organizing Committee.
- Organized the Pre-Conference Workshop on “*Discrete Mathematics*” held at Banasthali University from January 6-10, 2009 as a member of Programme Committee.
- Organized the National Workshop on “*Models of Embedded Computation*” held at Banasthali University from January 6-10, 2009 as a member of Programme Committee.
- Organized the Training Program on “*Optimization and its Applications*” held at Banasthali University from December 24-29, 2008 as a member of Programme Committee.

14. List of Conferences / Symposium/ Refresher Courses Attended

- Presented a paper entitled “*Traversibility and counting cliques of anti-Gallai Middle graph*” in the “**17th International Conference of International Academy of Physical Sciences**” organized by University of Rajasthan, Rajasthan during January 16-18, **2015**.
- Presented a paper entitled “*Embedding of regular signed graphs in higher dimension*” in the “**National Seminar on Recent Advances in Applied Mathematics and 18th Prof. P.D. Verma Memorial Lecture**” organized by University of Rajasthan, Rajasthan during September 13-14, **2014**.
- Presented a paper entitled “*Balanceness of some signed clique graphs*” in the “**15th Annual Conference of Society of Statistics, Computer and Applications**” organized by Banasthali University, Rajasthan during February 24-26, **2013**.
- Presented a paper entitled “*Characterization of the Tensor Product of two Signed Graphs*” in the “**Indo-Slovenia Conference on Graph Theory and Applications (Indo-Slov-2013)**” organized by the Research Groups in Discrete Mathematics from Maribor, Slovenia and Trivandrum-Cochin, India during February 22-24, **2013**.
- Presented a paper entitled “*Some Properties of Unitary Addition Cayley Graphs*” in the “**International Conference on Emerging Trends in Fluid Mechanics and Graph Theory**” held at Christ University, Bangalore during August 16-18, **2012**.

- Presented a talk entitled “*Introduction to Idempotent Semi Rings*” in the “**Instructional School for Lecturers in Combinatorics**” held at Harish-Chandra Research Institute, Allahabad from June 01-14, **2012**.
- Attended the “*Instructional School for Lecturers in Combinatorics*” held at **Harish-Chandra Research Institute, Allahabad** from **June 01-14, 2012**.
- Presented a paper entitled “*A Characterization of Canonically Consistent Total Signed Graphs*” in the “**National Conference on Modeling, Computational Fluid Dynamics & Operations Research**” organized by the Department of Mathematics, BITS, Pilani from February 04-05, **2012**.
- Presented a paper entitled “*On the Unitary Cayley Signed Graphs*” in the “**Nineteenth International conference of Forum for Interdisciplinary Mathematics on Interdisciplinary Mathematics & Statistical Techniques (IMST-2010)**” organized by the Department of Statistics, Patna University, Patna from December 18-20, **2010**.
- Presented a paper entitled “*Canonical Consistency of Semi-Total Signed Graphs*” in the “**International Conference on Recent Trends in Graph theory and Combinatorics (A Satellite Conference of the International Congress of Mathematicians (ICM-2010))**” organized by Cochin University of Science & Technology, Cochin, India from August 12-15, **2010**.
- Presented a paper entitled “*Some Results on Semi-Total Signed Graphs*” in the “**International conference on Mathematics and Computer Science**” organized by Loyola College, Chennai from February 05-06, **2010**.
- Presented a paper entitled “*Balance and Consistency of Total Signed Graphs*” in the “**75th Annual Conference of The Indian Mathematical Society (IMS)**” organized by National Centre for Advanced Research in Discrete Mathematics (n-CARDMATH), Kalasalingam University from December 27-30, **2009**.
- Presented a paper entitled “*Regularity of Total Signed Graphs of Regular Signed Graphs*” in the “**Fifth Annual Instructional Conference of ADMA and Graph Theory Day V**” organized by ADMA and Periyar University from June 08-10, **2009**.
- Participated in *Advanced Instructional School in Mathematics* on “*Combinatorics & Graph Theory*” organized by **Bhaskaracharya Pratishthana, Pune** during **May 8 to June 4, 2009**.

- Presented a paper entitled “*Characterization of Regularity and Energies of Iterated Signed Line Graphs of Regular Signed Graphs*” in the “**International Jubilee conference on Discrete Mathematics**” organized by Centre for Mathematical Sciences, Banasthali University from January 11-13, **2009**.
- Participated in *Advanced Training School in Mathematics* for Lecturers on “*Complex Analysis*” organized by **Bhaskaracharya Pratishthana, Pune** during **May 14 to May 26, 2007**.

15. Membership of technical societies / academic bodies/ National or international organizations (if any):

- Life Member of “*Prof. P.D. Verma Memorial Lecture Series*” on 2015.
- Life Member of “*International Academy of Physical Sciences*” on 2015.
- Life Member of “*Academy of Discrete Mathematics and its Applications*” on 2012.
- Life Member of “*Rajasthan Ganita Parishad*” on 2007.

16. Academic Achievements:

- Qualified **NET (CSIR-UGC)** held on December 2003.
- Qualified **GATE in Mathematics** with 87.78 percentile held on February 2004.
- Secured **43rd rank** in Merit List of Class X in Rajasthan.