

## Detailed CV



**Name:** Bhargava K

**Educational Qualification:** M.Sc., NET-JRF

**Designation:** Assistant Professor

**Address for Correspondence:** Department of Mathematics, Mangalore University,  
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**Research Areas:** Lattice Theory, Graph Theory

**Professional Teaching Experience:** 07 years (UG-3, PG-4)

### **Papers/ poster presentations in Conferences / Seminars / Symposia (list):**

#### **International:**

1. "Tension on edges and total tension of a graph" at the International Conference on Recent Advances in Interdisciplinary Mathematical Sciences (RAIMS-2019) on September 06, 2019 held at Government Science College, Nrupatunga Road, Bangalore-01.
2. "On some generalizations of defensive alliances and secure sets in graphs" at the International Conference on Algebra and Discrete Mathematics (ICADM-2020) during June 24-26, 2020 held at Madurai Kamaraj University, Madurai, Tamilnadu (Online mode).
3. "An infinite family of tension regular graphs" at the International Conference on Recent Trends in Graph Theory (ICRTGT-2020) during July 27-29, 2020 held at Karnatak University, Dharwad (Online mode).
4. "On the concept of stress of a vertex in graphs" at the International Conference on Graph Connections (ICGC-2020) during August 06-08, 2020 held at Bishop Chulaparambil Memorial College, Kottayam, Kerala (Online mode).

5. “A note on tension of edges in graphs” at the International Conference on Research Trends in Mathematics (ICRTM-2020) during August 25-26, 2020 organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai (Online Mode).
6. “Computation of stress and tension in some standard graphs” at the International Conference on Discrete and Applied Mathematics (ICDAM-2020) during September 18-19, 2020 organized by the Centre for Studies in Discrete Mathematics (CSDM), Vidya Academy of Science and Technology, Thrissur, Kerala in association with Kerala Mathematical Association (KMA) (Online Mode).

**National:**

1. “Tension-Regular Graphs” at the KSTA sponsored National conference on Mathematics and its Applications (NCM-2019) during November 7-8, 2019 held at Karnatak University, Dharwad. (Poster presentation)
2. “Tension on edges in some standard graphs” at the National level conference on Industrial Applications of Mathematics and its Developments (IAMD-2020) during March 13-14, 2020 held at Kuvempu University, Shimoga.

**Invited / plenary talks delivered (list):**

1. Participated as a Resource Person at the workshop on “NET and KSET” conducted to M.Sc. Maths students on 16-10-2015 at Department of Mathematics, Center for P.G. Studies and Research, St. Philomena College, Puttur.
2. Delivered invited series of lectures on topics Algebra and Linear Algebra in the Four days workshop on “NET/SLET/GATE Examinations in Mathematical Sciences (March 22-25, 2016)” on 24-3-2016 and 25-3-2016, organized by Department of Studies in Mathematics, VSK University, Ballari.
3. Participated as a Resource Person at the one workshop for M.Sc. Mathematics on the topic “Preparations for Competitive Examinations in Mathematical Sciences” on 04/03/2018 at Dr. G. Shankar Government Women's First Grade College and P.G. Centre, Ajjarakadu, Udupi – 576101.
4. Delivered a “Special Lecture and Coaching for CSIR - NET/SLET Examination” to M.Sc. Mathematics students at Kuvempu University, Shankaraghatta, Shimoga on 02-05-2018.
5. Participated as a resource person at the 4 day workshop for the preparation of NET/KSET/GATE examinations in mathematics for P.G. students and research scholars (during 8-11 April, 2019) at VSK University, Ballari.

**Awards / Fellowship / Recognition (Specify):** First rank in M.Sc., CSIR-UGC NET JRF qualified.

**Any other Information:**

1. Attended the UGC Sponsored 95th Orientation Programme from 27-10-2014 to 22-11-2014 held at Academic Staff College, University of Rajasthan, Jaipur.
2. Attended the Refresher Course “University and PG College MSc Teachers Training Program in Mathematics” at Talent Development Centre, IISc, Challakere Campus at Kudapura, Chitradurga - 577536 from 7th June 2018 to 27th June 2018.
3. Attended the “Training Programme in Mathematics-2008” held at Department of Mathematics, Pondicherry University, sponsored by DST, held during 9-6-2008 to 28-6-2008 (18days).
4. Attended the “Summer Programme in Mathematics (SPIM)” held at Harish-Chandra Research Institute, Allahabad from 21-6-2010 to 10-7-2010 (18 days).
5. Attended the “Instructional Workshop on Logic and Set Theory” at Kerala School of Mathematics, Kozhikode, Kerala - 673571 held during 18-2-2013 to 1-3-2013 (12days).
6. Participated in the Instructional School for Teachers on “Analysis and Differential Equations” organized at the TIFR - Centre For Applicable Mathematics, Bangalore - 560065 by National Centre for Mathematics, during 7-19 December, 2015 (12 days).
7. Participated in the Instructional School for Teachers on “Topology” held at IIT Bombay, during the period 9-21 May, 2016 (12 days) funded by National Centre for Mathematics.

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