

FACULTY PROFILE

NAME : **Dr. ChetanaGali**
Designation : Assistant Professor
Department : Department of Mathematics
Qualification : M.Sc., Ph. D
Areas of Specialization : Graph Theory
E mail : chetanagali19@gmail.com
Contact Number : 7204855123



Vision

To pursue a challenging career and be a part of a progressive organization that gives scope to enhance to my knowledge, skills and to reach the pinnacle in the computing and research field with sheer determination, dedication and hard work.

Just as a mountaineer climbs a mountain – because it is there, so a good mathematics student studies new material because it is there. _____JAMES B. BRISTOL

Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	Ph. D.	Graph Theory guide: Prof. B. Basavanagoud	Karnatak University Dharwad	May2019
2	PG	M. Sc. Mathematics [Specialization: Graph theory]	Karnatak University Dharwad	Aug 2013
3	UG	B. Sc [P. C. M.]	Karnatak University Dharwad	June 2011

Professional Details (Academic/Research Experience)

Sl. No.	Designation	Institution/University	UG/PG	From	To
1	Junior Research Fellow	Karnatak University Dharwad	Ph. D	2013	2015
2	Senior Research Fellow	Karnatak University Dharwad	Ph. D	2015	2018

Areas of Research Interest:

1.	Topological Indices
2.	Graph Spectra
3.	Applications of Graph Theory to Chemistry and Physics

Research Publications:	
International/ National Journals :	
1.	“On second Zagreb index and coindex of some derived graphs”, B. Basavanagoud, I. Gutman and Chetana S. Gali Kragujevac Journal of Science, 37 (2015) 113-121.
2.	“On the block-cut transformation graphs” B. Basavanagoud, Chetana S. Gali Journal of Computer and Mathematical Sciences, 6(6) (2015) 354-362.
3.	“On Zagreb indices and coindices of generalized middle graphs” B. Basavanagoud, Chetana S. Gali and S. Patil Karnatak University Science Journal, 50 (2016) 74-81.
4.	“On Wiener index of total graph and its complement” B. Basavanagoud, Chetana S. Gali and Veena R. Desai Karnatak University Science Journal, 50 (2016) 53-61.
5.	“Computing first and second Zagreb indices of generalized xyz -point-line transformation Graphs” B. Basavanagoud, Chetana S. Gali Journal of Global Research in Mathematical Archives, 5(4) (2018) 100-122.
6.	“On the general sum-connectivity index of generalized xyz -point-line transformation graphs” B. Basavanagoud, Chetana S. Gali International Journal of Mathematical Sciences and Engineering Applications, 12(I) (2018) 123-142.
7.	“Generalized block-cut transformation graphs” B. Basavanagoud, Chetana S. Gali Journal of Computer and Mathematical Sciences, 9(7) (2018) 799-828.
8.	“On the general product-connectivity index of transformation graphs” B. Basavanagoud, Chetana S. Gali International Journal of Scientific Research in Mathematical and Statistical Sciences, 5(5) (2018) 33-40.
9.	“On the general product-connectivity index of generalized xyz -point-line transformation graphs” B. Basavanagoud, Chetana S. Gali International Journal of Mathematics and its Applications, 6(4) (2018) 117-132.
10.	“A note on certain topological indices of the derived graphs of subdivision graphs” B. Basavanagoud, Chetana S. Gali TWMS Journal of Applied and Engineering Mathematics, 10(1) (2020) 208-219.

Conference/ Workshops/Trainings attended/organized:

International/National Conferences:

1. Presented a paper entitled "*On the Wiener Index of Jump graph*" at National Conference on Analysis and Its Applications-NCAA-2017, held on 15 - 16, March 2017 at Karnatak University, Dharwad.
2. National Conference on Analysis and Its Applications-NCAA-2018, held at Department of Mathematics, Karnatak University, Dharwad -580003(Karnataka) India during 9th -10th March 2018.

Workshops/Seminars/Symposium Attended:

1. National seminar on Analysis and Applications-NSAA-2013", held at Department of Mathematics, Karnatak University, Dharwad -580003(Karnataka) India during 22nd -23rd March 2013.
2. Workshop on Mathematical Modelling organized by the Department of Mathematics, Karnatak College, Dharwad -580007(Karnataka) India held on 10th April 2011.

Achievements/Awards / Abroad visit / Professional Membership

1. First Prize awarded in *Chemistry* quiz competition organized by Karnatak Science College, Dharwad, during the celebration of International Year of *Chemistry* in the year 2011.
2. Third Prize awarded in *Physics* quiz competition organized by Physics Teachers Forum at JSS College Gokak, in the year 2008.

Personal Details

Gender	Female	
Date of Birth	12/08/1990	
Contact	Address for Communication	Permanent address

<p>details</p>	<p>Dr. ChetanaGali Assistant professor Department of Mathematics Davangere university Shivagangothri Davangere-577007</p>	<p>Dr. ChetanaGali D/o Sharanappa M. Gali K. C. Nagar Bandhi Road Yelburga (Tq.) Dist. Koppal-583236</p>
<p>Electronic address</p>	<p>Telephone- Mobile : 7204855123</p> <p>E mail : chetanagali19@gmail.com : chetanasgdud@davangereuniversity.ac.in</p> <p>Website: Google Scholar Link : https://scholar.google.com/citations?user=IOdrTxMAAAAJ&hl=en ResearchGate Link : https://www.researchgate.net/profile/Chetana Gali</p>	