

**DR.G.SHANKAR GOVERNMENT WOMEN'S FIRST GRADE COLLEGE  
& PG STUDY CENTRE AJJARKAD, UDUPI**

**PERSONAL PROFILE**

**Personal Details:**

1. Name: Dr. CHANDRASHEKARA B.M
2. Designation: Assistant Professor
3. DOB : 18/06/1979
4. Department: Mathematics
5. Date of Joining:07/09/2009
6. Category: III B
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**Academic Details:**

**13. Qualification:**

Sl. No.	Degree/M.Phil./ Ph.D./Diploma/Certificate course, etc.	Year	University	Class/Rank Obtained Title of the Thesis/Dissertation
1	M.Sc.,	2003	University of Mysore	Distinction
2	Ph.D.	2006	University of Mysore	A Study of Some Topics in Theory of Partitions.

**14. Experience : 11 years**

Teaching(with courses taught)		Research	Administrative	Others
UG	PG			
6 years	10 years	5 years		

**15. Orientation Programme attended:**

University/ASC	From	To
ASC, University of Hyderabad	24/06/2010	21/07/2010

**16. Refresher Courses attended (beginning with latest):**

	University/ASC	From	To
Degree College Teachers Training Program in Mathematics	Training Development Center, IISC Campus, Khudapura, Karnataka.	23/11/2016	13/12/2016
Refresher course in Mathematics	ASC, Pt. RavishankarShukla University, Raipur, Chhattisgarh.	01/02/2013	21/02/2013

**17. BOS/BOE Membership (beginning with latest):**

BOS/BOE	University/College	Subject	Years (From – To)
BOE(PG)	Mangalore University	MSc Mathematics	2014-15(Even Semester)
BOE(PG)	Mangalore University	MSc Mathematics	2015-16(Odd Semester)

**18. Details of Seminars/Conferences/Workshops/Trainings etc. attended (beginning with latest):**

1. Participated in the “Two Day National Level Skill Development Workshop on Scilab” at Department of Mathematics, Mangalore University, Konaje, on 15<sup>th</sup> and 16<sup>th</sup> July 2019.
2. Participated in KSTA sponsored two days Lecture Series on “Recent Trends in Mathematics-2018” at Konaje, Mangalore University on 5<sup>th</sup> and 6<sup>th</sup> October 2018.
3. Participated in the One day National Symposium on “Recent Trends in Number Theory and its Applications” at St Philomena College, Puttur held on 2<sup>nd</sup> February 2018.
4. Participated in the One day Special Lecture Series on “ Recent Developments in Modeling and its Applications”, at Mangalagangothri, Konaje on December 5, 2017.
5. Participated in two day Science Academies Lecture Workshop on Real Analysis Sponsored By IASc held on 10<sup>th</sup> and 11<sup>th</sup> August 2017 at Govt. First Grade College, K.R.Puram, Bengaluru.
6. Participated as a Teacher Participant in the Mathematics Training and Talent Search Programme MTTTS 2017 held at Regional Institute of Education, Mysore during 22<sup>nd</sup> May to 17<sup>th</sup> June 2017.
7. Participated in the National Conference on ‘Graph Networks and Navigators’ held at Poornaprajna College, Udupi on 2<sup>nd</sup> and 3<sup>rd</sup> January 2015.
8. Participated in the Train The Trainer Program for ‘Global Business Foundation Skills’ held at Infosys BPO Ltd. At Mysore from 1<sup>st</sup> to 9<sup>th</sup> December 2014.
9. Participated as a teacher participant in ‘Mathematics Training and Talent Search Programme 2014’ sponsored by NBHM at RIE, Mysore during 19<sup>th</sup>May to 29<sup>th</sup>May 2014.
10. Participated in Mathematics Training and Talent Search Programme (MTTS) funded by NBHM as a teacher participant at S.V.N.I.T., Surat, Gujarath from 20<sup>th</sup> May to 12<sup>th</sup> June 2013.

11. Participated in the 'Pedagogical Training for Mathematics Teachers' (PTMT) programme at St.Berchmans College, Changanassery, Kerala, from 19<sup>th</sup> to 30<sup>th</sup> November 2012.
12. Participated in a National Workshop on 'Cryptography and Number Theory', held at Banasthali Vidyapith, Banathali, Rajasthan during 3<sup>rd</sup> to 6<sup>th</sup> May 2012.
13. Participated in the National Conference on Linear Algebra & Applications, Milagres College, Kallianpur, during 4<sup>th</sup> to 5<sup>th</sup> August 2011.
14. Participated in the "Teacher Empowerment Training for Assistant professors" conducted by the Department of Collegiate Education, Government of Karnataka in collaboration with Karnataka JnanaAyoga during 12-18 June, 2011.
15. Participated in the "Faculty Development Programme for Undergraduate Mathematics Teachers (FDP-UG)" organized at University College, Mangalore during 24-26 March, 2011.
16. Participated in the National Conference on Distance in Graphs, Pooranprajna College, Udupi, during 4<sup>th</sup> to 6<sup>th</sup> October 2010.
17. Participated in the International Conference on Ramanujan Rediscovered 2009, IIT-Bangalore, during 1<sup>st</sup> to 5<sup>th</sup> June 2009.
18. Participated in the workshop on Linear Algebra and its Applications, PESIT, Bangalore, during 5<sup>th</sup> to 6<sup>th</sup> August 2008.
19. Participated in the Faculty Development Programme on 'Mathematical Modeling of Engineering Problems' at MCE, Hassan from 8-10 September 2006.
20. Attended workshop on Personality Development at the International Leadership Institute of M/s Infosys, Mysore on 18<sup>th</sup> February 2006.
21. Participated at the International Conference on Number Theory & Fourier Techniques, Kumbakonam, India, during 20-21, December 2004.
22. Participated in the Joint India-AMS Mathematics Meeting at IISc, Bangalore during 17-20<sup>th</sup> December 2003.
23. Participated in the 14<sup>th</sup> International Conference of the Jangjeon Mathematical Society at Mysore held during 22-24 December 2003.

## 19. Responsibilities Handled

Details of Administrative Positions held (beginning with latest):

Designation	Duration	From-To	Name of the College
PG Coordinator for Mathematics	8 years	2012 to till date	DGWFGC, Ajjarakad, Udupi.
HOD of Mathematics	7 years	2013 to till date	DGWFGC, Ajjarakad, Udupi.
Naipunya Nidhi Coordinator	3 years		DGWFGC, Ajjarakad, Udupi.

Swayam –NPTEL SPOC	3 years	2018 to till date	DGWFGC, Ajjarakadu, Udupi.
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**20. Follow up work**

Slow learners : Asking questions and encouraging them for group study.  
Advanced learners : Giving challenge problems to solve.

**21. A) Details of Participation as Resource Person (if Any):**

Sl. No.	Title of the Seminar/ Conference/workshop	Name of the University /College/ Institution	Date held
1	Special talk on “Things in Elementary Mathematics”.	Dr.T.M.A.Pai College of Education, Udupi.	12 <sup>th</sup> April 2018.
2	Special talk on “Real Analysis”.	Dept. of Mathematics, SRSMNGWFGC, Barkur.	16 <sup>th</sup> April 2016.
3	Special Lecture on “Ramanujan and his contributions to Mathematics”.	Dept. of Mathematics & IQAC at H.D.D GWFGC, Paduvalahippe, Hassan.	26 <sup>th</sup> December 2014.

B) Invited as a subject expert for Mathematics Staff-gap Post at Govt. First Grade College & PG Studies Centre, Thenkanidiyur.

**Research Details:**

**Research Publications (if any) (beginning with latest):**

**LIST OF PUBLICATIONS**

- [1] ‘A note on Energy of Order Prime Graph of a finite group’, International Journal of Scientific & Engineering Research, p 15-16, Volume 7, Issue 5, May 2016. ISSN 2229-5518 (with Rajendra R and Chandrashekar A.C)
- [2] ‘Analytic proof of the Partition Identity  $A_{5,3,3}(n) = B_{5,3,3}^0(n)$ ’, The Ramanujan Journal, U.S.A., 15: (2008), pp. 77-86. ISSN 1382-4090 (with Padmavathamma, Raghavendra R and Krattenthaler C)
- [3] ‘A Simple Bijective Proof of Generalized Version of Schur’s Theorem’, Tamsui Oxford Journal of Mathematical Sciences, Aletheia University, Taiwan., Vol. 23(1) (2007), 41-47. ISSN 1561-8307 (with Padmavathamma and Raghavendra R)

- [4] ‘On Some Problems of A.K.Agarwal, ARS Combinatoria, Canada, 78(2006), pp. 65-70. ISSN 0381-7032 (with Padmavathamma and Raghavendra R)
- [5] ‘On a Conjecture of Andrews-III’, Ramanujan Mathematical Society, Lecture Notes Series, No. 2, 2006, p.45-56. ISBN 978-81-902545-2-6 (with Padmavathamma and Raghavendra R)
- [6] ‘A New Bijective Proof of a Partition Theorem of Ramanujan’, Jour. of Applied Mathematical Analysis & Applications (Jan-June) 2006, Vol. 2, No. 1, pp. 45-50. (with Padmavathamma and Raghavendra R)
- [7] ‘Bijective Proof of the Partition Identity  $C_{2,r}(n) = D_{2,r}(n)$  of M.V.Subbarao’, Far East J. Math. Sci. (FJMS) 23(3) (2006), 341-354. ISSN 0972-0871 (with Padmavathamma and M.R.RajeshKanna)
- [8] ‘Bijective Proof of the Partition Identity  $C_{2,2}(n) = D_{2,2}(n)$  of M.V.Subbarao’, South East Asian J.Math. & Math. Sci. Vol. 4 No. 2(2006), pp. 33-44. ISSN 0972-7752 (with Padmavathamma and Rajeshkanna M.R.)
- [9] ‘A Generalised Partition Identity’, South East Asian J.Math. & Math. Sci.Vol. 5 No. 1(2006), pp. 45-49. ISSN 0972-7752 (with Padmavathamma and Rajesh Kanna M.R.)
- [10] ‘Bijective Proof of the New Partition Identity  $A_{4,2,2}^0(n) = B_{4,2,2}(n)$ ’, JP Jour. Algebra, Number Theory and Appl. 5(2) (2005), 247--255. ISSN 0972-5555 (with Padmavathamma and Raghavendra R)
- [11] ‘A Bijective Proof of a Partition Theorem of M.V.Subbarao’, Journal of Applied Mathematical Analysis and Application (Jan--June) 2005, Volume 1. No. 1, 87--124. (with Padmavathamma and Raghavendra R)
- [12] ‘Bijective Proof of the Partition Identity  $C_{2,3}(n) = D_{2,3}(n)$  of M.V.Subbarao’, Jour. Of Analysis and Computation, Vol. 1, No. 2, (2005), 101-108. ISSN 0973-2861 (with Padmavathamma and Rajeshkanna M.R.)
- [13] ‘A New Bijective Proof of a Partition Theorem of K.Alladi’, Discrete Mathematics, U.S.A., 287 (2004) 125-128. ISSN 0012-365X (with Padmavathamma and Raghavendra R)
- [14] ‘A New Partition Function’, Proceeding of the 5<sup>th</sup> Int. Conf. SSFA, Vol.5,2004, p. 96-101. (with Padmavathamma and Raghavendra R)

## 22. Details of paper presentation (if any) (beginning with latest):

- [1] Presented a paper entitled “On Eigen values and Energy of General Order Prime Graph of a finite group” in the 2<sup>nd</sup> International Conference on Global Advancement of Mathematics at Acharya Institute of Graduate Studies held on 25<sup>th</sup> and 26<sup>th</sup> June 2019.
- [2] Presented a paper entitled “A Note On Energy of General Order Prime Graph of Finite Group” in the National Conference on Discrete Mathematics and its Applications, at Department of Mathematical Sciences, Kannur University held on 28<sup>th</sup> and 29<sup>th</sup> January 2019.

- [3] Presented a paper “Distance Energy of certain mesh derived networks” in the UGC sponsored two days National Conference on ‘Energy of Graphs (NCEF-2016) held at B.N. Bahadur Institute of Management Sciences, Mysore on 11<sup>th</sup> and 12<sup>th</sup> March 2016.
- [4] Presented a paper “A Bijective Proof of the Partition identity  $A_{4,2,2}^0(n)=B_{4,2,2}(n)$ ” in the International Conference on ‘Advances in Mathematical Sciences and Applications’ held at AIT, Chikkamgaluru on 22-23 December 2014.
- [5] Presented a paper in the National Conference on ‘Number Theory and Its Applications’ at MGM College, Udupi, on 12<sup>th</sup> to 14<sup>th</sup> December 2014.
- [6] Presented a paper “On General Order Prime Graph of a Finite Group” in the National Conference on ‘Graphs in Network Theory’ held at Government First Grade College, Bettampadi, on 15<sup>th</sup> February 2014.
- [7] Presented a paper “On Some Problems of A.K.Agarwal” in the National Conference on ‘Mathematical Sciences and Applications’ held on 9<sup>th</sup> March 2013 at Government First Grade College, Koppa.
- [8] Presented a paper “A New Bijective Proof of a Partition Theorem of Ramanujan” in the International Conference on ‘The Works of SrinivasaRamanujan and Related Topics’ held at University of Mysore, Manasagangotri, Mysore during 12-14 December 2012.
- [9] Presented a paper “A generalized Partition Identity” in the National Conference on Graph Theory and Number Theory held at University of Mysore, Manasagangotri, Mysore during 21-22 March 2012.
- [10] Paper presented at the fifth International Conference of the Special Functions and their Applications (SSFA), Lucknow, India, during 8-10, February 2004.

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