



JSS MAHAVIDYAPEETHA

JSS ACADEMY OF TECHNICAL EDUCATION

JSSATE Campus, Uttarahalli – Kengeri Main Road, Bangalore – 560 060

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1. **NAME** : Dr. K M NAGARAJA
2. **Designation** : Associate Professor and Head
3. **Name of the Dept.** : Mathematics
4. **Date of joining the Institution** : 03-01-2012
5. **Date of Birth** : 24-06-1973
6. **Father's Name** : Munikempanna
7. **Sex** : Male
8. **Nationality** : INDIAN
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11. **Address**
 - a. **Correspondance** : Associate Professor,
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 - b. **Permanent Address** : # 519, 4th Floor, Lilac Block
Mahaveer Lakes
Uttarahalli– Kengeri Main Road
Kengeri Hobli
Bengaluru-560060
Karnataka India.
12. **Employment Type** : Permanent



13. **Educational Qualifications** : (In reverse Chronological Order)

Sl. No.	Degree	Branch	Specialization	Year of passing	University
1	Ph. D	Mathematics	Analysis	June 2011	V T U
2	M.Sc.,	Mathematics	Applied Mathematics	April 1997	Bangalore
3	B. Sc.,	Science	PCM	October 1994	Bangalore

14. **Service Details** (In reverse Chronological Order):

a. **Teaching Experience: (19 years)**

Sl. No	From (mm/yy)	To (mm/yy)	No. of years	Degree or Diploma Institution	Designation	Name of the Institute
1	21-07-2015	Till date	1.5 years	Degree	Associate Professor and Head	JSS Academy of Technical Education, Bengaluru-560 060
2	03-01-2012	20-07-2015	3.5 years	Degree	Associate Professor	JSS Academy of Technical Education, Bengaluru-560 060
3	20-09-2001	31-12-2011	10.3 Years	Degree	Lecturer, Asst. Professor	Sri Krishna Inst. of Technology, Bengaluru 560 090
4	09-09-2000	31-03-2001	0.6 Years	Degree	Lecturer	Garden city college Bengaluru-560 038
5	Nov-1997	31-07-2000	2.10 Years	Degree	Lecturer	RVCE Bengaluru-560 059
Total Experience			19 Years			

b. **Industrial Experience (Nil)**

15. **Membership in various University Boards / Committees / Other (Specify):**

Sl. No.	Body	From	To	Name of the University / Institution / Organisation
1	Board of Examiners	Academic year 2015-2016		DSCE, Bangalore
		Academic year 2013-2014		RVCE Bengaluru 560 059
2	Member of the professional bodies	1. Life Member of ISTE , INDIA, 2. Life Member RGMIA , Victoria University, AUSTRALIA 3. Member IAENG (No: 116406) (2011) 4. Member of universal set of Mathematics (2011)		

16. Awards : Nil
17. Details of Books published : Nil
18. Number of Ph.D. Guidance : 06
19. Field of Expertise / Interest : Mathematical means and Inequalities (Analysis)
20. Patents : Nil
21. Projects : Nil
22. Details of Publications:

Google scholar link: <http://scholar.google.co.in/citations?user=jkIRWvEAAAAJ&hl=en>.

As on 23-11-2016

Citation indices	All	Since 2011
Citations	94	83
h-index	5	5
i10-index	2	1

Year: 01-01-2016 to till date

Journals:		International		No.	03
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Sreenivasa Reddy Perla, Padmanabhan S, Padmanava Samanta	Schur Convexity Condition for Novel Ratio of Difference of Means	International Journal of Scientific and Innovative Mathematical Research	www.arcjournals.org	4(4), pp.13-18, 2016
2	K. Sridevi K. M. Nagaraja, P. Siva Kota Reddy	Convexity of one Mean With Respect to another Mean	Bulletin of The International Mathematical Virtual Institute	Www.Imvibl.Org /Journals / Bulletin	6, pp.241-249, 2016
3	K. Murali	Schur Convexity of Stolarsky's Extended Mean Values	Journal of Mathematical Inequalities	JMI-10-59	10(3), pp.725–735, 2016 Impact Factor: 0.63

Year: 01-01-2015 to 31-12-2015

Journals:		International		No.	04
Sl.	Name of Co-	Title of Paper	Name of the	Publisher	Publication

No	Author		Journal		citation ISSN, ISBN, Vol. No., Issue, pp
1	Sandeep Kumar, V. Lokesha, U. K. Misra	Power type oscillatory mean and its dual	Advances in Inequalities and Applications		Article ID 14,(2015) ISSN: 2050-7461
2	Murali K	Relative Convexity And Concavity Among Well Known Means	Int. Journal of Engineering Mathematics and Computer Sciences		Vol 3, No.11 (2015) pp.1 – 11
3	V. Lokesha, and Y. Simsek	Corrigendum To New Inequalities On Homogeneous Functions	Journal of the Indonesian Mathematical Society		Vol. 21, No. 1 (2015), pp. 71–72.
4	P. S. K. Reddy and V.M. Siddalinga swamy	Edge C_k Signed Graphs,	International Journal of Pure and Applied Mathematics		Volume 98, No. 2 2015, 231-238

Conferences/workshops:

			National	No.	01
1	Presented	Mean Inequalities of Two Positive Arguments In Index Set	Numerical analysis, Algebra and Computational Mathematics” (NCAM 2015)	UGC sponsored National Conference on applied mathematics	January 30 th to 31 st , 2015 At KLE Society's Gudleppa Hallikeri College Haveri – 581 110

Year: 01-01-2014 to 31-12-2014

Journals:		International		No.	07
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	S Kumar, V Lokesha, UK Misra	Power Type α -Centroidal Mean and Its Dual	Gen. Math. Notes		25 (1), 2014, 33-42
2	K. Murali and V. Lokesha	Schur convexity and concavity of Gnan mean	Proc. Jangjeon Math. Soc		17 (3), 2014, 355-367
3	R Sampath kumar	Schur convexities of r^{th} oscillatory mean and its dual	Proc. Jangjeon Math. Soc.		17 (3), 2014, 383-392
4	M C Geetha P. Siva Kota Reddy	The Line n sigraph of a Symmetric n sigraph-V	Kyungpook Mathematical Journal		54 (1), 2014, 95-101

5	S.Padmanabhan V. Lokesha, B. Naveen Kumar	Schur Geometric Convexity for Ratio of Difference of Means	Journal of Scientific Research & Reports	Science domain international.	3(9): pp.1211-1219, 2014; Article no. JSRR.2014.9.008,
6	P. Siva Kota Reddy And K. Sridevi	Different Kinds of Schur Convexities of Power Type Alpha-Centroidal Mean	Advances and Applications in Mathematical Sciences		Volume 13, Issue 2, April 2014, pp. 91-109.
7	P. Siva Kota Reddy, and V.M. Siddalinga swamy	The Edge Ck Graph of a Graph	Vladikavkaz Mathematical Journal		16(4) (2014), 61-64. (ISSN: 1683-3412, EISSN: 1814-0807, Russia)

Conferences/workshops:

			National	No.	03
1	Invited talk	Generalized Heronian means	International Conference on Emerging Trends in Mathematical Sciences	Vijayanagara Sri Krishna Devaraya University, Bellary, India	25-26 July 2014.
2	Invited talk	Mathematical Means	Delivered special lecture	DVS college of Arts and Science, Shimoga, India,	29 th March-2014.
3	Invited talk	Usage of Latex & Thesis writing	Delivered special lecture	Govt. First Grade college Kadoor, Karnataka	On 18 th September 2014.

Year: 01-01-2013 to 31-12-2013

Journals:		International	No.	05	
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Sudhir kumar sahu,	Schur Geometric Convexity of Gnan Mean for Two Variables	Journal of the International Mathematical Virtual Institute,		Issn : 1840-4359 Vol. 3(2013), 39-59.
2	P. S. K. Reddy and K. Sridevi,	Schur Harmonic Convexity of Gnan Mean for Two Variables	Journal of the International Mathematical Virtual Institute,		Issn : 1840-4359 Vol. 3(2013), 61-80.
3	P. S. K.	Refinement of	Bulletin of		Issn: 1840-4367 Vol.

	Reddy and Naveen kumar.B	Inequality Involving Ratio of Means for Four Positive Arguments	International Mathematical Virtual Institute		3(2013), 135-138
4	P. S. K. Reddy and Sudhir kumar sahu	Generalization of alpha-Centroidal Mean and its Dual	Iranian Journal of Mathematical Sciences and Informatics		Vol. 8, No. 2 (2013), pp 39-47.
5	Sudhir kumar sahu	Schur Harmonic Convexity of Stolarskys extended mean values	Scientia Magna		Vol. 9 (2013), No. 2, 22-34.

Conferences/workshops:

			International	No.	01
1	Presented	Different kinds of Schur convexities of power type Oscillatory mean and its dual	26 th International Conference of Jangjeon Mathematical Soc. (SouthKorea)	Acharya Institutes Campus, Bangalore , India	From August 01 to 04, 2013,

Conferences/workshops:

			National	No.	02
1	Presented	Necessary and sufficient conditions of Shur harmonic convexity of Stolarsky's extended type mean Values	National Conference for Analysis & applications of Mathematics	Reva IT, Bangalore .	22-23, Febraury 2013
2	Participated	Three days FDP	MATLAB tools for Research with hands on experience	JSSATE Bangalore -60.	4 th to 6 th February 2013

Year: 01-01-2012 to 31-12-2012

Journals:		International		No.	05
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	P.S.K. Reddy	Double inequalities on means via quadrature formula	Notes on Number Theory and Discrete Mathematics		Vol.18 (2012), No.1, 22
2	P.S.K.Reddy	alpha-Centroidal	Proceedings of		Vol. 15 (2012),

		mean and its dual	the Jangjeon Math. Soc.		No.2, pp. 163-170.
3	P.S.K.Reddy and Sudhir kumar sahu	Stolarsky's extended family type mean values	Bull. of Pure & Appl. Math.		Vol. 6, No. 2 (2012), 255-264
4	P.Siva kota reddy and M.C.Geetha	The Line n-Sigraph of a Symmetric n-Sigraph-IV	Int. Journal of Mathematical Combinatorics		Vol.1 (2012), pp. 106-112.
5	P. S. K. Reddy	A Note on power mean and generalized contra-harmonic mean	Scientia Magna		Vol. 8 (2012), No. 3, 60-62.
Conferences/workshops:			International	No.	02
1	Invited talk	Generalized Means and Stolarsky's extended means in several arguments	DST sponsored Inter National conference on "Analysis and Applications	Berhampur University, Berhampur, Odisha, India	on 20-21 July-2012.
2	Participated	One Day seminar	Trend's and Opportunities in the Engineering sector	JSSATE Campus, Mauritius	on May 7 th 2012.
Conferences/workshops:			National	No.	05
1	Presented	Double inequalities on means via quadrature formulae-II	40 th Annual Conference of Orissa Mathematical Society and National Conference on Fourier Analysis and Differential Equations	Sambalpur University	From 29 th to 30 th December, 2012.
2	Participated	One day National Seminar	Recent trends and challenges in applied mathematics	RNSIT, Bangalore	22 nd December 2012.
3	Participated	One Day Workshop	Interdisciplinary Collaborative Research	SJCE, Mysore – 06	on January 14 th 2012.
4	Volunteering as a judge	One Day Workshop	First Lego League India. Bangalore	JSSATE-Bangalore-	on 21 st January 2012,

			Edition	560 060.	
5	Participated	Faculty Development Program	Recent advances in applied chemistry and nano technology	JSS ATE Bangalore-60.	26 to 30 March, 2012

Year: 01-01-2011 to 31-12-2011

Journals:		International		No.	05
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V. Lokesha, S. Padmanabhan, and Zhi-Hua Zhang	Gnan mean and dual for n variables	International Journal of pure and applied mathematics		Volume 72, No. 1, (2011), 1-10, Bulgaria.
2	Naveen Kumar B, Sandeep Kumar, V. Lokesha	Ratio of difference of means and its convexity	International e Journal of Mathematics and Engineering		Volume 2, Issue 2, pp. 932-936, (2011). ISSN: 0976-1411.
3	P.S.K. Reddy	Logarithmic convexity and concavity of some Double sequences	Scientia Magna		Vol. 7 (2011), No. 2, 78-81.
4	V. Lokesh, Naveen Kumar B and sandeep kumar	Solution to an open problem by Rooin	Notes on Number theory and discrete mathematics		Volume 17, (2011), Number 4, 33–36. ISSN 1310-5132.
5	V. Lokesh, Naveen Kumar B and Y.-D.Wu	Shur convexity of Gnan mean for positive arguments	Notes on Number theory and discrete mathematics		Volume 17, (2011), Number 4, 37–41, ISSN 1310-5132.
Conferences/workshops:			National	No.	04
1	Presented	Double Inequalities on means via Quadrature Formula	National Conference on Applied and Engineering Mathematics (NCAEM – 2011)	RNSIT, Bengaluru,	From 28–30 July 2011.
2	Participated	One day workshop	Mission10X conclave 2011	DSCE, Bangalore	on 19-8-2011.
3	Participated	Faculty Development	Advances in Numerical and	Department of	30 th May through 3 rd June 2011.

		Program	Statistical Techniques for Engineers (ANSTE)	Mathematics, NIT Calicut	
4	Participated	Faculty Empowerment Program	Wipro	SKIT, Bangalore-90.	25-29 July 2011

Year: 01-01-2010 to 31-12-2010

Journals:		International		No.	04
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V. Lokesha, Zhen-gang Xiao and Zhi-Hua Zhang	The Generalized Weighted Elementary Symmetric Mean	Ultra Scientist		Vol. 22(2) M, (2010), pp.651-657. ISSN: 0970-9150.
2	V. Lokesha, S. Padmanabhan and Naveen Kumar. B	Oscillatory type mean in Greek means	Int. e-Journal of Engg. Maths. Theory and Applications		Vol.9, (2010), pp, 18-26, (Egypt). ISSN: 1687-6156.
3	V. Lokesha, Naveen Kumar B, Abdelmejid Bayad and M. Saraj	New Means and its Properties	Proc. of Jangjeon Mathematical Society		14(3), (2010) (South Korea). pp. 243-254. MR2664369.
4	V. Lokesha, Naveen Kumar and S. Padmanabhan	Extension of Homogeneous Function	Tamsui Oxford Journal of Mathematical Sciences		26(4), (2010), 443-450, Taiwan.
Conferences/workshops:			National	No.	01
1	Presented	Properties of New Means	DST sponsored National conference	Berhampur University, Odisha,	on 22-23 Dec-2010.

Year: 01-01-2009 to 31-12-2009

Journals:		International		No.	02
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V. Lokesha, Padmanabhan	Relation between Greek Means and	General Mathematics		17(3), (2009), pp. 3-13, (Romania).

	n. S, and Y. Simsek	Various means			ISSN: 1221-5023.
2	V. Lokesha, and Y. Simsek	New Inequalities on the homogeneous functions	J. Indone. Math. Soc.,		15(1), (2009), pp. 49-59, (Indonesia). ISSN: 0854-1388.
Conferences/workshops:			International	No.	01
1	Participated	One day international workshop	Engg Mathematics and its applications	SJCIT, Chick Ballapur, Karnataka India	on 17 th Aug 2009.
Conferences/workshops:			National	No.	01
1	Participated	Two-Day workshop	Research methodology	MSRIT, Bangalore	on 28- 29, May 2009.
Year: 01-01-2008 to 31-12-2008					
Journals:		International		No.	02
Sl. No	Name of Co- Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V. Lokesha and S. Padmanabha n	A Simple Proof on Strengthening and Extension of Inequalities	Advanced Studies in Contemporary Mathematics		17(1), (2008), pp. 97- 103, (South Korea). ISSN: 1229- 3067.
2	V. Lokesha, Zhi-Hua Zhang	Gnan mean for two variables	Far East Journal of Applied Mathematics		31(2), (2008), pp. 263 - 272. ISSN: 0972-0960.
Journals:		National		No.	01
Sl. No	Name of Co- Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V. Lokesha, Padmanabha n. S, M. Saraj	Oscillatory Mean for Several Positive Arguments	Journal of Intelligent system Research		2(2), (2008), pp. 137-139. ISSN: 0975-6205.
Year: 01-01-2007 to 31-12-2007					
Journals:		International		No.	02
Sl. No	Name of Co- Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V. Lokesha	Relation between series and important means	Advances in Theoretical and Applied		2(1), (2007), pp. 31-36. ISSN: 0973- 4554.

			Mathematics		
2	Zhen-gang Xiao, V. Lokesha, and Zhi-Hua Zhang	A Class of New three parameter generalized weighted means	Int. J. Appl. Math. Stat.		11(7), (2007), pp. 193-202. ISSN: 0973-2377.
Journals:		National		No.	01
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Zhi-Hua Zhang V. Lokesha and Zhen-Gang Xiao	Generalizations of the weighted Heron mean in n variables	The Aligarh Bulletin of Mathematics		26(1), (2007), pp. 21-27. ISSN: 0304-9787.
Conferences/workshops:			International	No.	02
1	Presented	Gnan mean in ' n ' variables and its monotonicities	52 nd International conference of ISTAM , kharagpur, India	BNMIT, Bangalore	on 14-17 Dec-2007.
2	Presented	Refinement and Extension of an inequalities	19 th International conference of Jangjeon Mathematical society, South Korea	Bangalore University, Bangalore	On 22-24 Feb-2007.
Conferences/workshops:			National	No.	01
1	Participated	2-Day national seminar	10 th ISTE state level annual convention	ACIT, Bangalore	on 23 rd and 24 th Nov 2007.
Year: 01-01-2006 to 31-12-2006					
Journals:		International		No.	02
Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V. Lokesha, Zhi-Hua Zhang	r^{th} Oscillatory mean for several positive arguments	Ultra Scientist		Vol. 18(3) M, (2006), pp. 519-522. ISSN: 0970-9150.
2	Zhi-Hua Zhang, V. Lokesha, and Zhen-Gang Xiao	Two parameter generalized weighted functional mean	Journal of Inequalities in pure and applied Mathematics		RGMIA, 9(1) Article 13, (2006), Australia.

Conferences/workshops:			National	No.	01
1	Participated	One Day Symposium	Applied Mathematics in Engineering Technologies	BNMIT, Bangalore	on 16-12-06.
Year: 01-01-2005 to 31-12-2005(Nil)					
Year: 01-01-2004 to 31-12-2004					
Conferences/workshops:			National	No.	01
1	Participated	One Day Workshop	Scheme of Teaching of Discrete Mathematical Structures	AMC College of Engg. B'lore	on 12-09-04.