JSSMahavidyapeetha

JSSAcademy ofTechnicalEducation

Dr.Vishnuvardhan Road, Srinivasapura post
Bangalore560060 www.Jssateb.ac.in

FACULTYPROFILE

Department: Engineering Mathematics

1. PersonalDetails

NAME	Dr. K M NAGARAJA
DEPARTMENT	Engineering Mathematics
DESIGNATION	Associate Professor
PHONE	+91 9632671972, +919972012116
EMAIL ID	kmnagaraja@jssateb.ac.in
Date of Joining (JSSATEB)	03-01-2012

2. Experience

TotalExperienceinYears	Teaching:24Years	Industry:Nil	Research:16Years

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Sc.,	PCM	1994	Government Science college, Bangalore	Bangalore University, Bangalore Karnataka
M.Sc.	Mathematics	1997	Central college, Bangalore	Bangalore University, Bangalore Karnataka
Ph.D.	Analysis	2011	Acharya Institute of Technology, Bangalore	Visvesvaraya Technological University, Belguam, Karnataka

4. Research&Publications(Total 71)

Papers Published in Web of Science indexed Journals	International:17	National:0
Papers Published in SCOPUS indexed Journals	International:24	National:0
Papers Published in other Journals	International:36	National:04
Papers Presented in Conferences / Symposium	International:08	National:06
Books / Book chapters Published	Name of the book: Engineering Mathematics-III Publisher: Skyward Publishers Year of Publication: 2017	
	Name of the book: Engineering Mathematics-IV Publisher: Skyward Publishers Year of Publication: 2017	

5. ResearchGuidance

	Yes, Analysis, Number theory and Graph theory	University: a. Visvesvaraya Technological University, Belagavi, b. Bharathiar University, Coimbatore
Ph D Guided	Ph.D. Awarded: 10 (Eight) Guiding: 05 (Three)	Projects at Master's Level: … Projects at Bachelor's Level:…

6. Grants

i. **Funds Received (Projects):** Nil
ii. **Patents:** Nil
iii. **Consultancy:** Nil

7. AwardsReceived

Awards "Best Professor in Mathematics"	The 25th Business School Affaire & Dewang Mehta National Education Awards - Regional Round is scheduled on 20th September 2017, Vivanta by Taj, Yeshwantpur, Bangalore.

8. Publications

i. InternationalJournals

1. Lakshmi Janardhan R C, K M Nagaraja, Harish A and Sampathkumar R,(2024). Generalization of Contra Harmonic Mean and Their Properties, Foundry Journal, 27(12), pp.124-132.
2. E. Dhanalakshmi, G. Narasimhan, K. M. Nagaraja, R. Sampath Kumar,(2023) Schur convexity of complementary geometric mean, Journal of Propulsion Technology, 44(2), pp.1327-1338.
3. CHINNI KRISHNA. R, K.M. NAGARAJA, SAMPATHKUMAR. R. and P. SIVA KOTA REDDY, (2023). The Ky Fan type inequalities for the means whose arguments lying on linear and curved path, Eur. Chem. Bull. 12(10), pp. 2338-2347
4. Reddy, P. Siva Kota ; Nagaraja, KM, Sridevi, K; (2023). Inequalities among means of two positive arguments in index (conjugate index) sets, Proceedings of the Jangjeon Mathematical Society, 26(2), pp. 169–174.
5. Nagaraja, K.M, Sampathkumar, R., Chethankumar, G.D., Dhanya, P. (2023). Schur convexities of ratio of one parameter power exponential mean and its invariant, Proceedings of the Jangjeon Mathematical Society, 26(2), pp. 161–168.
6. Nagaraja, K M, Sampathkumar, R., &Venkataramana, B. S. (2021). Properties of Power Exponential Mean And Its Invariant Mean, International Journal of Science, Technology, Engineering and Management, 3(2), pp.19-24.
7. Sridevi, K, Nagaraja, K M and P. Siva Kota Reddy, (2021). Relative Study on Means in Linear Path and Two Positive Arguments in a Curved Path, Italian Journal of Pure and Applied Mathematics, 46(2), pp. 696-705, IF:0.46, WOS.
8. Reddy, P. S. K., Nagaraja, K. M., & Kumar, R. S. (2021). α-Centroidal Means and its Applications to Graph Labeling. Palestine Journal of Mathematics, 10(2), pp. 704–709, IF:0.04, Scopus.
9. Nagaraja, K. M., & Reddy, P. (2021). A Note on D'Ocagne's Identity on Generalized Fibonacci and Lucas numbers, Palestine Journal of Mathematics, 10(2), pp. 751-755, IF:0.04, Scopus.
10. Kumar, R. S., Nagaraja, K., Hejib, A. M., &Venkataramana, B. (2021). Schur Convexity of Complementary Means with Respect to Centroidal Mean, Advances and Applications in Mathematical Sciences, 20 (7), pp. 1209-1224, WOS.
11. Hejib, A. M., Nagaraja, K., Sampathkumar, R., &Venkataramana, B. (2021). Inequalities Among Complementary Means of Heron Mean and Classical Means, Advances and Applications in Mathematical Sciences, 20 (7), pp.1249-1258, WOS.
12. Venkataramana, B., Nagaraja, K., Sampathkumar, R., &Hejib, A. M. (2021). The properties of one parameter power exponential mean and its invariants, Advances and Applications in Mathematical Sciences, 20 (7), pp.1197-1208, WOS.
13. Venkataramana, B., Nagaraja, K., Sampathkumar, R., & Harish, A. M. (2021). The Ky Fan Type Inequalities for Power Exponential Mean and Its Invariant, GIS SCIENCE JOURNAL, 8 (1), pp.106-115, IF:1.89, Scopus.
14. Nagaraja, K. M., Hejib, A. M., &Venkataramana, B. S. (2021). Complementary of Classical Means with Respect to Heron Mean and Their Schur Convexities. *Proceedings on Engineering*, *3*(2), 231-238.
15. Nagaraja, K. M., Ramachandraiah, S., &Siddappa, V. B. (2021). Power Exponential Mean Labeling of Graphs. *Montes Taurus Journal of Pure and Applied Mathematics*, *3*(2), 70-79.
16. Nagaraja, K. M., Araci, S., Lokesha, V., Sampathkumar, R., &Vimala, T. (2020). Inequalities for the arguments lying on linear and curved path. Honam Mathematical Journal, *42*(4), pp. 747-755, IF:1.879, WOS.

17. Nagaraja, K. M., & Dhanya, P. (2020). Identities on generalized Fibonacci and Lucas numbers. Notes on number theory and discrete mathematics*,* 26 (3), pp.189—202, WOS.
18. Kumar, R. S Nagaraja, K M, NarasimhanG and AmbikaM Hajib. (2020). Centroidal mean labelling of graphs-II, Proceedings of the Jangjeon Mathematical Society, 23 (2), pp.193-208 IF: 0.21, Scopus.
19. Sridevi, K, Nagaraja, K M, P. Siva Kota Reddy, (2020). Note on Different kinds of Schur convexities of Heinz type mean, Proceedings of the Jangjeon Mathematical Society, 23 (4), pp. 479-484, IF: 0.21, Scopus.
20. Nagaraja K M and Chethankumar G D, (2020). A Short Note On Logarithmic Convexity of Stolarsky's Mean Type Function, International Journal of Mathematical Archive, 11(3), pp.17-19.
21. Vimala T, Nagaraja K M and Sampath Kumar R, (2019). A Harmonic and Heron Mean Inequalities for Arguments in Different Intervals, International Journal of Mathematical Archive, 10(7), pp.47-52.
22. Sampath Kumar R and Nagaraja K. M, (2019). Centroidal Mean Labeling of Graphs, International Journal of Research in Advent Technology, 7(1), pp.183-189.
23. Kumar, R. S., Narasimhan, G., and Nagaraja, K. M., R. N. (2018). New family of Heinz type means. International Journal of Pure and Applied Mathematics, 118(18), 3427-3433. IF: 0.253, Scopus
24. Narasimhan, G., Nagaraja, K. M., Kumar, R. S., &Murali, K. (2018, December). Establishment of a new inequality using extended Heinz type mean. In *Journal of Physics: Conference Series* (Vol. 1139, No. 1, p. 012034). IOP Publishing. Scopus.
25. Manjunatha H and K M Nagaraja, (2018). Short Note on Continuous Fourier series, Int. Journal of Engineering Research and Application, 8(2), pp.19-23.
26. Sampath Kumar R, Narasimhan G AND K M Nagaraja, (2017). Heron mean labeling of graphs, International Journal of Recent Scientific Research, 8(9), pp. 19808-19811.
27. Nagaraja, K. M., &Vimala, T. (2017). Convexity and Concavity of Means. *International Journal of Research-GRANTHAALAYAH*, *5*(4RAST), 92-97.
28. Manjunatha H and K M Nagaraja, (2017). A study of Fourier transform pair: frequency and time domain, International Journal of Advanced in Management, Technology and Engineering Sciences, 7(12), pp167-180.
29. Nagaraja, K. M., Murali, K., &Janardhana, R. L. (2017). Improvement of Harmonic and Contra Harmonic Mean Inequality Chain. *International Journal of Pure and Applied Mathematics*, *114*(4), 771-776. Scopus.
30. Lakshmi Janardhana R C K M NagarajamSampath Kumar R, and Murali K, (2017). Schur convexities and concavities of Generalized Heron Means, *International Journal of Pure and Applied Mathematics, 117(13), pp.69-79.* Scopus.
31. Janardhana, R. L., Nagaraja, K. M., &Murali, K. (2017). Convexity of Power Type Heron Mean with Respect to Power Mean. *International Journal of Pure and Applied Mathematics*, *117*(11), 155-163. Scopus.
32. Nagaraja K M, Sampath Kumar R and P. S. K.Reddy, (2017). Convexity of Stolarsky's mean with respect to well-known Greek means, *International Journal of Pure and Applied Mathematics*, 117(12), pp.401-407. Scopus.
33. Sampath Kumar R, Satish Kumar. T, K M Nagaraja and Geetha G, (2017). Application of Different Filters for Noise Removal in Digital Images, Journal of Advanced Research in Dynamical and Control Systems, 9(S12), pp2355-2366. Scopus.
34. Kumar, R. S., &Nagaraja, K. M. (2017). The convexities of invariant contra harmonic mean with respect to geometric mean. *International Journal of Pure and Applied Mathematics*, *116*(22), 407-412. Scopus.
35. Janardhana, R. C. L., Nagaraja, K. M., &Lokesha, V. (2017). Schur-Geometric Convexity of Stolarsky's Extended Mean Values. *International Journal of Pure and Applied Mathematics*, *114*(1), 77-90. Scopus.
36. Sreenivasa Reddy Perla, K M Nagaraja, Padmanabhan S and PadmanavaSamanta, (2016). *Schur Convexity Condition for Novel Ratio of Difference of Means*, International Journal of Scientific and Innovative Mathematical Research, 4(4), pp.13-18.
37. K. M. Nagaraja, K. Sridevi, and P. Siva Kota Reddy, (2016). *Convexity of one Mean with Respect to another Mean,* Bulletin of The International Mathematical Virtual Institute vol. 6, pp.241-249.
38. K. Murali, and K. M. Nagaraja, (2016). *Schur Convexity of Stolarsky's Extended Mean Values,* Journal of Mathematical Inequalities, JMI-10-59,10(3), pp.725–735.
39. Sandeep Kumar, V. Lokesha, U.K. Misra and K.M. Nagaraja, (2015). *Power Type-Centroidal Mean and Its Dual,* Gen. Math. Notes, Vol. 25(1), pp.33-42
40. P. Siva Kota Reddy, K.M. Nagaraja and V.M. Siddalingaswamy, (2015). *Edge C_k Signed Graphs*, International Journal of Pure and Applied Mathematics, 98(2), pp.231-238
41. V. Lokesha, B. Naveen Kumar, K. M. Nagaraja and S. Padmanabhan,(2014). *Schur Geometric Convexity for Ratio of Difference of Means*, Journal of Scientific Research & Reports, 3(9), pp.1211-1219, Article no. JSRR. (2014).9.008, Science domain international.
42. P. Siva Kota Reddy, K. M. Nagaraja and M. C. Geetha, (2014). *The Line n sigraph of a Symmetric n sigraph-V*, Kyungpook Mathematical Journal, 54(1), pp.95-101.
43. K. M. Nagaraja, P. Siva Kota Reddy and K. Sridevi, (2014). *Different Kinds of Schur Convexities of Power Type Alpha-Centroidal Mean*, Advances and Applications in Mathematical Sciences, Vol. 13(2), pp.91-109.
44. K. M. Nagaraja , K. Murali and V. Lokesha, (2014). *Schur convexity and concavity of Gnan mean*, Proc. Jangjeon Math. 17(3), pp.355-367.
45. K. M. Nagaraja and R. Sampathkumar, (2014). *Schur convexities of r th oscillatory mean and its dual*, Proc. Jangjeon Math. 17(3), pp. 383-392.

46. Murali K and K. M. Nagaraja, (2014). *Relative Convexity and Concavity Among Well Known Means*, International Journal of Engineering Mathematics and Computer 3: 11, pp.1 – 11.
47. P. Siva Kota Reddy, K.M. Nagaraja and V.M. Siddalingaswamy, (2014). The Edge C_k Graph of a Graph, Vladikavkaz Mathematical Journal, 16(4), pp.61-64.
48. K. M. Nagaraja and Sudhirkumarsahu, (2013). *Schur Geometric Convexity of Gnan Mean for Two Variables*, Journal of the International Mathematical Virtual Institute, Issn: 1840-4359 Vol. 3, pp. 39-59.
49. K. M. Nagaraja, P. S. K. Reddy and K. Sridevi, (2013). *Schur Harmonic Convexity of Gnan Mean for Two Variables*, Journal of the International Mathematical Virtual Institute, Issn : 1840-4359 Vol. 3, pp.61-80.
50. K. M. Nagaraja, P. S. K. Reddy and Naveen kumar.B, (2013). *Refinement of Inequality Involving Ratio of Means for Four Positive Arguments*, Bulletin of International Mathematical Virtual Institute, Issn: 1840-4367 Vol. 3, pp. 135-138.
51. K. M. Nagaraja, P. S. K. Reddy and Sudhirkumarsahu, (2013). *Generalization of alpha-Centroidal Mean and its Dual,*Iranian Journal of Mathematical Sciences and Informatics, 8(2), pp 39-47.
52. K. M. Nagaraja and Sudhirkumarsahu*,* (2013). *Schur Harmonic Convexity of Stolarsky extended mean values*, Scientia Magna, 9(2), pp. 22-34.
53. K.M. Nagaraja and P.S.K. Reddy, (2012). *Double inequalities on means via quadrature formula*, Notes on Number Theory and Discrete Mathematics,18(1), pp.22-28.
54. K. M. Nagaraja and P.S.K.Reddy, (2012). *alpha-Centroidal mean and its dual*, Proceedings of the Jangjeon Math. Soc., 15(2) pp. 163-170.
55. 22. K. M. Nagaraja, P.S.K.Reddy and Sudhirkumarsahu, (2012). *Stolarsky's extended family type mean values*, Bull. of Pure & Appl. Math. 6(2), pp. 255-264.
56. P.Sivakotareddy, K.M. Nagaraja and M.C.Geetha, (2012). *The Line n-Sigraph of a Symmetric n-Sigraph-IV*, International Journal of Mathematical Combinatorics, Vol. 1, pp. 106-112.
57. K. M. Nagaraja and P. S. K. Reddy*,*(2012). *A Note on power mean and generalized contra-harmonic mean*, Scientia Magna, 8(3), pp. 60-62.
58. V. Lokesha, S. Padmanabhan, K. M. Nagaraja and Zhi-Hua Zhang, (2011). *Gnan mean and dual for n variables*, International Journal of pure and applied mathematics, 72(1), pp. 1-10, Bulgaria.
59. Naveen Kumar B, Sandeep Kumar, V. Lokesha and K. M. Nagaraja, (2011). *Ratio of difference of means and its convexity,* International e Journal of Mathematics and Engineering, 2(2), pp. 932-936. ISSN: 0976-1411.
60. K.M. Nagaraja and P.S.K. Reddy, (2011). *Logarithmic convexity and concavity of some Double sequences*,Scientia Magna, 7(2), pp. 78-81.
61. V. Lokesh, K. M. Nagaraja, Naveen Kumar. B and sandeepkumar, (2011). *Solution to an open problem by Rooin*, Notes on Number theory and discrete mathematics, Bulgaria, 17(4), pp. 33–36. ISSN 1310-5132.
62. V. Lokesh, K.M. Nagaraja, Naveen Kumar. B and Y-.D.Wu,(2011). *Shur convexity of Gnan mean for positive arguments*, Notes on Number theory and discrete mathematics, Bulgaria, 17 (4), pp. 37–41, ISSN 1310-5132.
63. K. M. Nagaraja, V. Lokesha, Zhen-gang Xiao and Zhi-Hua Zhang, (2010). *The Generalized Weighted Elementary Symmetric Mean*, Ultra Scientist Vol. 22(2) M, pp.651-657. ISSN: 0970-9150.
64. V. Lokesha, K. M. Nagaraja, S. Padmanabhan and Naveen Kumar. B, (2010). *Oscillatory type mean in Greek means*, Int. e-Journal of Engg. Maths. Theory and Applications, Vol.9, pp, 18-26, (Egypt). ISSN: 1687-6156.
65. V. Lokesha, Naveen Kumar B, K. M. Nagaraja, AbdelmejidBayad and M. Saraj, (2010). *New Means and its Properties,*Proc. of Jangjeon Mathematical Society, 14(3), pp. 243-254.
66. V. Lokesha, K. M. Nagaraja, Naveen Kumar. B and S. Padmanabhan, (2010). *Extension of Homogeneous Function*,Tamsui Oxford Journal of Mathematical Sciences, 26(4), pp. 443-450, Taiwan.
67. V. Lokesha, Padmanabhan. S, K. M. Nagaraja and Y. Simsek, (2009). *Relation between Greek Means and Various means*, General Mathematics, 17(3), pp. 3-13, (Romania). ISSN: 1221-5023.
68. V. Lokesha, K. M. Nagaraja and Y. Simsek, (2009). *New Inequalities on the homogeneous functions*, J. Indone. Math. Soc., 15(1), pp. 49-59, (Indonesia). ISSN: 0854-1388.
69. K. M. Nagaraja, V. Lokesha and S. Padmanabhan, (2008). *A Simple Proof on Strengthening and Extension of Inequalities*, Advanced Studies in Contemporary Mathematics, 17(1), pp. 97- 103, (South Korea). ISSN: 1229-3067.
70. V. Lokesha, Zhi-Hua Zhang and K. M. Nagaraja, *Gnan mean for two variables*, (2008). Far East Journal of Applied Mathematics, 31(2), pp. 263 - 272. ISSN: 0972-0960.
71. V. Lokesha and K. M. Nagaraja, Relation between series and important means, (2007). Advances in Theoretical and Applied Mathematics, 2(1), pp. 31-36. ISSN: 0973-4554.
72. K. M. Nagaraja, Zhi-Hua Zhang V. Lokesha and Zhen-Gang Xiao, (2007). *Generalizations of the weighted Heron mean in n variables*, The Aligarh Bulletin of Mathematics, 26(1), pp. 21-27. ISSN: 0304-9787.
73. Zhen-gang Xiao, V. Lokesha, K. M. Nagaraja and Zhi-Hua Zhang, (2007). *A Class of New three parameter generalized weighted means*, Int. J. Appl. Math. Stat., 11(7), pp. 193-202. ISSN: 0973-2377.
74. V. Lokesha, Zhi-Hua Zhang and K. M. Nagaraja, (2006). r^{th} *Oscillatory mean for several positive arguments*, Ultra Scientist, Vol. 18(3) M, pp. 519-522. ISSN: 0970-9150.
75. Zhi-Hua Zhang, V. Lokesha, K. M. Nagaraja and Zhen-Gang Xiao, (2006). *Two parameter generalized weighted functional mean*, Journal of Inequalities in pure and applied Mathematics, RGMIA, 9(1) Article 13, Australia.

a. Workshops/Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	2nd International conference on emerging trends in engineering and applied sciences 2024.	**SJC Institute of Technology, Chikkaballapur**	**18-19 Sept-24**
2	1st International E-Conference on Engineering Science-Technology and Management	MAA SHAKUMBARI TRUST, E -310, Sector Beta-I, Greater Noida, India	28th June 2020
3	One day National webinar on “Advances in Graph Theory”	Govt. college Daman, Dept. of Maths, UT Administration of DNH & DD.	29th June 2020
4	Laplace transform and its Applications	Malla Reddy Institute of Technology and science, Secunderabad, India	22nd June 2020
5	National webinar on Differential equations and Applications	Malla Reddy Institute of Technology and science, Secunderabad, India	28th June 2020
6	National level e-quiz on “Abstract algebra”	Senthikumara Nadar college, Tamilnadu, India	20th June 2020
7	One day webinar on “ how to create course and course activities in open source online learning”	Hindu college, Guntur, India	14th June 2020
8	One day webinar on “ Maple software for beginners: A Mathematical tool”	Jagadguru Tontadarya College, Gadag, , India	5th June 2020
9	One week FDP on “ Recent advances in Material science and Mathematical applications”	Dept. of Basic Sciences, GCE Ramanagara, Karnataka, India	15th to 19th June 2020
10	Online-quiz on “Applied Mathematics”	Dept. of Maths, MSAJCE, Chennai, , India	26th June 2020
11	Medha webinar series on “ Domination in Graph Theory and Applications”	Devaswam Board College, Kerala, India	23rd May 2020
12	Faculty Development workshop on “ e-learning”	HR college of commerce & economics in collaboration with EdFly.	20th May 2020
13	One day webinar on “Life and contributions of Maryam Mirzakhani”	Dept. of Maths, St. Xavier college foe woman, Aluva.	12th May 2020
14	Five day FDP on “Applications of Mathematics in Engineering”	KPR Inst. Of Engg. And Tech., Coimbatore, India	27th to 31st July 2020
15	National level online learning cum e-quiz on “Today’s tools for tomorrow’s teaching”	Institute of distance education, Uni. of Madras, Chennai, India	30th July 2020
16	Two days national webinar on “Mathematical modelling and applications”	RMK college of E & T, Chennai, India	27th to 28th July 2020
17	Online webinar on “Applications of Probability and Statistics in Speech Recognition”	AMC college of Engg., Bangalore, Karnataka, India	11th July 2020,
18	National level workshop on “Pythan for beginners”	Govt. First Grade college Kolar, Karnataka, India	27th June 2020
19	International conference on number theory and graph theory	Dept. of studies in Mathematics, University of Mysore, Karnataka, India	27th to 29th June 2019
20	2nd International conference on Global advancement of Mathematics-2019	Acharya institute of graduate studies Bengaluru central university, Karnataka, India	25th to 26th , June 2019
21	Two-Day workshop on- applied Mathematics using MATLAB	Depts. of Mathematics and ECE, RNSIT, Bengaluru, Karnataka, India.	25th to 26th July 2019
22	Accreditation Process for Technical Institutions	JSSATE, Bengaluru, Karnataka, India.	26th -27th August 2016
23	29th International Conference of JANGJEON Mathematical Society	Dept. Of Mathematics, Pondicherry University, Puducherry, India	08th to10th , August 2016
24	International Conference on Emerging Trends in Mathematical Sciences,	Vijayanagara Sri Krishna Devaraya University, Bellary, Karnataka, India.	25th to 26th July 2014.
25	26th International Conference of JANGJEON Mathematical Society	Acharya Institutes Campus, Bengaluru, Karnataka, India.	01 to 04, August 2013,
26	National Conference for Analysis & applications of Mathematics.	Reva IT, Bengaluru, Karnataka, India.	22nd to 23rd , Febraury 2013
27	Three days FDP on MATLAB tools for Research with hands on experience	JSS Academy of Technical Education, Bengaluru, Karnataka, India.	4th to 6th February 2013
28	40th Annual Conference of Orissa Mathematical Society and National Conference on Fourier Analysis and Differential Equations”	Sambalpur University, Odisha, India.	29th to 30th December,2012
29	One day National Seminar on recent trends and challenges in applied mathematics	RNSIT, Bengaluru, Karnataka, India.	22nd December 2012
30	One Day seminar programme on Trend’s and Opportunities in the Engineering sector	JSS Technical Institution Campus, Mauritius	7th May 2012
31	Faculty Development Program on “Recent advances in applied chemistry and nano technology” during	Department of chemistry, JSS Academy of Technical Education, Bengaluru, Karnataka, India.	26th to 30th March, 2012
32	Volunteering as a judge to the “First Lego League India” Bengaluru Edition	JSSATE, Bengaluru, Karnataka, India.	21st January 2012

33	One Day Workshop on Interdisciplinary Collaborative Research	SJCE, JSS Technical Institution Campus, Mysore, Karnataka, India.	14th January 2012
34	Mission10X conclave 2011	Dayananda sagar college of Engg Bengaluru, Karnataka, India.	19th August 2011
35	National Conference on Applied and Engineering Mathematics	RNSIT, Bengaluru, Karnataka, India.	28th to 30th July 2011.
36	Faculty Development Program on "Advances in Numerical and Statistical Techniques for Engineers (ANSTE)"	Department of Mathematics, NIT Calicut, Kerala, India.	30th May to 3rd June 2011
37	Faculty Empowerment Program conducted by Wipro	Krishna Institute of Technology, Bengaluru, Karnataka, India.	25th to 29th July 2011
	One day international workshop on Engg	SJCIT, Chick Ballapur, Karnataka, India.	17th August 2009.
38	mathematics and its applications		
39	Two-Day workshop on Research methodology	MSRIT, Bengaluru, Karnataka, India.	28th to 29th , May 2009
40	52nd International conference of ISTAM-kharagpur	BNMIT, Bengaluru, Karnataka, India.	14th to17th December 2007
41	10th ISTE state level annual convention and 2-Day national seminar	AcIT, Bengaluru, Karnataka, India.	23rd to 24th November 2007
42	19th International conference of Jangjeon Mathematical society,	Central college, Bengaluru university, Bengaluru, Karnataka, India.	22nd to 24th February 2007
43	One Day Symposium on "Applied Mathematics in Engineering Technologies	BNMIT, Bengaluru, Karnataka, India.	16th , December 2006
44	One Day Workshop on "Scheme of Teaching of Discrete Mathematical Structures	AMC College of Engg. Bengaluru, Karnataka, India.	12th September 2004
45	One Day Workshop on "Scheme of Teaching and Finalization of Syllabus in Engg. Mathematics–IV"	SJCE, JSS Technical Institution Campus, Mysore, Karnataka, India.	12th January 2003

b. Workshops/Conference(Orgainsed)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	Capacity Building for Faculty of Mathematics	**Dept. of Mathematics, JSSATEB**	**29-31 July 2024**	**Convenor**
2	Numerical methods and its applications in research	Centre for inter-desciplinary research with dept. of mathematics JSSATEB.	04th July 2018	Co-ordinator

i. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	New Model Curriculum for first year BE-CBCS detailed syllabus, 2018-19, National workshop, MHRD Government of India	BIT, Bengaluru, Karnataka, India.	07th May 2018
2	KSTA National conference on "Impact of Science and Technology on Society and Economy"	Vijayanagara Sri Krishna Devaraya University, Bellary, Karnataka, India.	8th to 10th , March 2017
3	UGC sponsored National Conference on APPLIED MATHEMATICS: Numerical analysis, Algebra and Computational Mathematics"	KLE Society's Gudleppa Hallikeri College Haveri – 581 110, Karnataka, India.	30th to 31st, January 2015
4	DST sponsored Inter National conference on "Analysis and Applications	Berhampur University, Berhampur, Odisha, India.	20th to 21st July 2012
5	DST sponsored National conference	Berhampur University, Berhampur, Odisha, India.	22nd to 23rd December 2010

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Nameofthesubject	Organisedby	Dateofcompletion/ Award	Grade/Marks
1	Advanced Linear Models for Data Science 2: Statistical Linear Models	Johns Hopkins University	**13-10-2021**	**85.46%**
2	Matrix Algebra for Engineers	The Hong Kong University of Science and Technology	07-10-2020	100%
3	Matrix Methods	University of Minnesota	30-09-2020	93.5%
4	Fibonacci Numbers and the Golden Ratio	The Hong Kong University of Science and Technology	31-08-2020	80%
5	Matrix Algebra for Engineers	The Hong Kong University of Science and Technology	07-10-2020	100%

10. Membership of Professional Bodies:

1. Life Membership in Indian Society for Technical Education (MISTE)	1.
2. Life Member RGMIA, Victoria University, AUSTRALIA	2.
3. International Association of Engineers IAENG (No: 116406	3.
4. Member of universal set of Mathematics	4.

11. Any other information you will like to share about your professional experience

1. Invited as a session chair for the 2nd International conference on emerging trends in engineering and applied sciences 2024, held on **18-19 at Sept-24, SJC Institute of Technology, Chikkaballapur.**
2. Delivered a invited Talk on the topic " Mathematics Foundations: Their Impact on Research and Advanced Learning" on 4th Dec 2024, at Dept. of Mathematics, GFGCASC, Sira, Tumkur.
3. Delivered a invited Talk in the workshop "Data Analytics" from 25th to 26th March-2024, conducted by the Department of Mechanical Engg, JSSTEB-60
4. Delivered a Guest Lecture on "**Latex software and its usage**" at Govt first grade college, Karror on 18-09-2014.
5. Delivered special lecture entitled "**Mathematical Means**" at DVS college of Arts and Science, Shimoga, India, on 29th March-2014.

Guided					
1	Murali K	Contributions to the Theory and Development of Mathematical means and Inequalities	Ph.D-CB-DEC2012-0353	Bharathiar University	2017
2	K Sridevi	An Elucidative Analysis On Mathematical Means And Inequalities	1AY12PGN01	VTU	2017
3	Siddalingaswamy V M	Contributions to the Theory of Signed Graphs	1AY12PGN06	VTU	2017
4	Sampath Kumar R	Mathematical means and their convexities	Ph.D.-CB-DEC2014 - 0101	Bharathiar University	2019
5	Lakshmi Janardan R C	A Study on convexities of Mathematical means	Ph.D.-CB-DEC2013 - 0339	Bharathiar University	2019
6	Narasimhan G	An elucidative Investigation on Frontier of Mathematical means	IJS15PGJ01	VTU	2019
7	Manjunatha H	A study on Fourier transform of continuous functions	IJS15PGJ02	VTU	2019
8	VimalaT	Contribution to the theory of mathematical means and its inequalities	1JS13PGJ01	VTU	2020
9	Venkataramana. B S	Studies on power exponential mean inseveral variables and its applications	IJS15PGJ05	VTU	2021
10	Ambika M Hejib	Theoretical studies and developmentof convexities and Mathematical means	1JS17PGA01	VTU	2022
11	Chethankumar G D	Studies On A Class Of Power Mean And Its Applications	1JS18PMA01	VTU	2023

Guiding					
1	Dhanya P	Studies on Generalised Fibonacci and Lucas Number and Their Applications	December 2021	1JS20PMA01	Registered
2	Harish A	Studies on Complementary and Invariant Centroidal Mean and Applications	December 2021	1JS20PMA02	Registered
3	Sridhar G	Optimal control studies of ecological models using differential equations	12-08-2022	1JS21PMA03	Registered
4	Nagesh shyanubhag 154491	Studies on some aspects of alignment chart functional mean and its Applications	12-08-2022	1JS21PMA02	Registered

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