FACULTYPROFILE

Department:EngineeringMathematics

1. **PersonalDetails**

NAME	Dr.KM NAGARAJA	
DEPARTMENT	Engineering Mathematics	
DESIGNATION	Associate Professor & Head	
PHONE	+919632671972	
EMAILID	nagkmn@gmail.com, kmnagaraja@jssateb.ac.in	
Date of Joining(JSSATEB)	03-01-2012	

2. **Experience**

Total Experience in Years	Teaching:26Years	Industry:Nil	Research:18Years

3. **Qualifications**

COURSES	SPECIALIZATION	Yearof Award	INSTITUTION	UNIVERSITY
B.Sc.,	PCM	1994	GovernmentSciencecollege, Bangalore	BangaloreUniversity,Bangalore Karnataka
M.Sc.	Mathematics	1997	Centralcollege, Bangalore	BangaloreUniversity,Bangalore Karnataka
Ph.D.	Analysis	2011	AcharyaInstituteofTechnology,Bangalore	VisvesvarayaTechnological 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:40	National:04
Papers Presented in Conferences/Symposium	International:08	National:06
Books/Book chapters Published	Name ofthebook: Engineering Mathematics-IIIPublisher: SkywardPublishers Year ofPublication:2017	
	Name ofthebook: Engineering Mathematics-IVPublisher: SkywardPublishers Year ofPublication:2017	

5. Research Guidance

PhD Guide? Give field & University	Yes, Analysis, Mathematical means, Number theory and Graph theory	University: a. VisvesvarayaTechnological University, Belagavi, b. Bharathiar University, Coimbatore
PhDs/ Projects Guided	Ph.D.Awarded:11 Guiding: 04	Projects at Master's Level: --- ProjectsatBachelor'sLevel: ---

6. Awards Received

Award: **Best Professor in Mathematics**	The 25th Business School Affaire &Dewang Mehta National Education Awards - Regional Roundis scheduledon20thSeptember2017, Vivantaby Taj,Yeshwantpur, Bangalore.

7. Publications
i. InternationalJournals

1. R. Sampath Kumar, K. M. Nagaraja, G. D. Chethankumar, B. J. Nandini and Chinni Krishna R,(2023) *Properties of oscillatory mean involving power exponential mean and power mean,* Advances and Applications in Mathematical Sciences, 22(6), pp. 1117-1124.
2. M. J. Sridevi, Ambika M. Hejib, R. C. Lakshi Janardhana, R. D. Jagadeesha and K. M. Nagaraja, (2023) *Ky Fan type inequalities,* Advances and Applications in Mathematical Sciences, 22(6), pp. 1177-1185.
3. M. J. Sridevi, R. Sampath Kumar, K. M. Nagaraja, A. Harish and Chinni Krishna R, (2023) *Invariant centroidal mean graph labeling,* Advances and Applications in Mathematical Sciences, 22(6), pp. 1187-1197.
4. Nagesh Shyanubhag, K. M. Nagaraja, Sampath Kumar R and Sudheer Pai K, (2023) *Narayana prime cordial graph labeling,* Advances and Applications in Mathematical Sciences, 22(6), pp.1353-1360.
5. 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.
6. 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
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.

22. 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.

23. 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.

24. 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.

25. 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.

26. 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

27. 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.

28. 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.

29. 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.

30. Nagaraja, K. M., &Vimala, T. (2017). Convexity and Concavity of Means. *International Journal of Research-GRANTHAALAYAH*, *5*(4RAST), 92-97.

31. 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.

32. 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.

33. 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.

34. 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.

35. 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.

36. 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.

37. 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.

38. 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.

39. 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.

40. 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.

41. 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.

42. 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

43. 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

44. 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.

45. 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.

46. 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.

47. K. M. Nagaraja , K. Murali and V. Lokesha, (2014). *Schur convexity and concavity of Gnan mean*, Proc. Jangjeon Math. 17(3), pp.355-367.

48. K. M. Nagaraja and R. Sampathkumar, (2014). *Schur convexities of rth oscillatory mean and its dual*, Proc. Jangjeon Math. 17(3), pp. 383-392.

49. 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.

50. 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.

51. 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.

52. 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.

53. 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.

54. 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.

55. K. M. Nagaraja and Sudhirkumarsahu*, (*2013). *Schur Harmonic Convexity of Stolarsky extended mean values*, Scientia Magna, 9(2), pp. 22-34.

56. 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.

57. 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.

58. 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.

59. 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.

60. 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.

61. 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.

62. 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.

63. K.M. Nagaraja and P.S.K. Reddy, (2011). *Logarithmic convexity and concavity of some Double sequences*,Scientia Magna, 7(2), pp. 78-81.

64. 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.

65. 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.

66. 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.

67. 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.

68. 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.

69. 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.

70. 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.

71. 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.

72. 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.

73. 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.

74. 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.

75. 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.

76. 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.

77. 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.

78. 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.

8.   a) Workshops/Conferences Attended

Sl. No.	Name of the workshop/Conference	Organiser	Date
1	1stInternationalE-Conference on Engineering Science-Technology and Management	MAASHAKUMBARI TRUST,E -310,Sector Beta-I,Greater Noida,India	**28th June2020**

2	One-day National webinar on "Advances in Graph Theory"	Govt.collegeDaman,Dept.ofMaths, UT AdministrationofDNH&DD.	29th June 2020
3	Laplace transform and its Applications	MallaReddyInstituteofTechnologyand science,Secunderabad,India	22nd June 2020
4	National webinar on Differential equations and Applications	MallaReddyInstituteofTechnologyand science,Secunderabad,India	28th June 2020
5	National level e-quiz on "Abstract algebra"	SenthikumaraNadarcollege,Tamilnadu, India	20th June 2020
6	One-day webinar on "how to create course and course activities in open source online learning"	Hinducollege,Guntur,India	14th June 2020
7	One-day webinar on "Maple software for beginners: A Mathematical tool"	JagadguruTontadaryaCollege,Gadag,, India	5th June 2020
8	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
9	Online-quiz on "Applied Mathematics"	Dept.ofMaths,MSAJCE, Chennai,,India	26th June 2020
10	Medha webinar series on "Domination in Graph Theory and Applications"	DevaswamBoardCollege,Kerala,India	23rd May 2020
11	Faculty Development workshop on "e-learning"	HRcollegeofcommerce&economicsin collaborationwithEdFly.	20th May 2020
12	One-day webinar on "Life and contributions of Maryam Mirzakhani"	Dept.ofMaths,St.Xaviercollegefoewoman, Aluva.	12th May 2020
13	Five day FDP on "Applications of Mathematics in Engineering"	KPRInst.OfEngg.AndTech.,Coimbatore, India	27th to 31st July 2020
14	National level online learning cum e-quiz on "Today's tools for tomorrow's teaching"	Instituteofdistanceeducation,Uni.of Madras,Chennai,India	30th July 2020
15	Two days' national webinar on "Mathematical modelling and applications"	RMKcollegeofE&T,Chennai,India	27th to 28th July 2020
16	Online webinar on "Applications of Probability and Statistics in Speech Recognition"	AMCcollegeofEngg.,Bangalore,Karnataka, India	11th July 2020,
17	National level workshop on "Python for beginners"	Govt.FirstGradecollegeKolar,Karnataka, India	27th June 2020
18	International conference on number theory and graph theory	Dept.ofstudiesinMathematics,Universityof Mysore,Karnataka,India	27th to 29th June 2019
19	2nd International conference on Global advancement of Mathematics-2019	Acharya institute of graduate studiesBengalurucentraluniversity,Karnataka,India	25th to 26th, June 2019
20	Two-Day workshop on-applied Mathematics using MATLAB	Depts.ofMathematics andECE,RNSIT, Bengaluru,Karnataka,India.	25th to 26th July 2019
21	Accreditation Process for Technical Institutions	JSSATE,Bengaluru,Karnataka,India.	26th-27th August 2016
22	29th International Conference of JANGJEON Mathematical Society	Dept.OfMathematics,Pondicherry University,Puducherry,India	08th to 10th, August 2016
23	International Conference on Emerging Trends in Mathematical Sciences,	VijayanagaraSriKrishnaDevaraya University,Bellary,Karnataka,India.	25th to 26th July 2014.
24	26th International Conference of JANGJEON Mathematical Society	AcharyaInstitutesCampus, Bengaluru, Karnataka,India.	01to04,August 2013,
25	National Conference for Analysis & applications of Mathematics.	RevaIT,Bengaluru,Karnataka,India.	22nd to 23rd, Febraury 2013
26	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
27	40th Annual Conference of Orissa Mathematical Society and National Conference on Fourier Analysis and Differential Equations"	SambalpurUniversity,Odisha,India.	29th to 30th December,2012
28	One-day National Seminar on recent trends and challenges in applied mathematics	RNSIT,Bengaluru,Karnataka,India.	22nd December 2012
29	One Day seminar programme on Trend's and Opportunities in the Engineering sector	JSSTechnicalInstitutionCampus,Mauritius	7th May 2012
30	Faculty Development Program on "Recent advances in applied chemistry and nano technology" during	Departmentofchemistry,JSSAcademyofTechnical Education, Bengaluru, Karnataka,India.	26th to 30th March,2012
31	Volunteering as a judge to the "First Lego League India" Bengaluru Edition	JSSATE,Bengaluru,Karnataka,India.	21st January 2012

32	OneDayWorkshoponInterdisciplinary CollaborativeResearch	SJCE,JSSTechnicalInstitutionCampus,Mysore, Karnataka, India.	14thJanuary2012
33	Mission10Xconclave2011	Dayananda sagarcollegeofEnggBengaluru,Karnataka,India.	19thAugust2011
34	NationalConferenceonAppliedand EngineeringMathematics	RNSIT,Bengaluru,Karnataka,India.	28thto30thJuly 2011.
35	FacultyDevelopmentProgramon"Advancesi nNumericalandStatisticalTechniquesfor Engineers (ANSTE)"	DepartmentofMathematics,NITCalicut,Kerala,Ind ia.	30thMay to3rdJune201 1
36	Faculty Empowerment Program conducted by Wipro	KrishnaInstituteofTechnology,Bengaluru,Karnata ka,India.	25thto29thJuly2011
37	OnedayinternationalworkshoponEngg mathematicsanditsapplications	SJCIT,ChickBallapur, Karnataka,India.	17thAugust2009.
38	Two-DayworkshoponResearchmethodology	MSRIT,Bengaluru,Karnataka,India.	28thto29th,May 2009
39	52ndInternationalconferenceofISTAM- kharagpur	BNMIT,Bengaluru,Karnataka,India.	14thto17th December2007
40	10thISTEstatelevelannualconventionand2- Daynationalseminar	AcIT,Bengaluru,Karnataka,India.	23rdto24th November2007
41	19thInternationalconferenceofJangjeon Mathematicalsociety,	Central college, Bengaluru university,Bengaluru,Karnataka, India.	22ndto24th February2007
42	OneDaySymposiumon"AppliedMathematics inEngineeringTechnologies	BNMIT,Bengaluru,Karnataka,India.	16th,December 2006
43	OneDay Workshopon"SchemeofTeaching ofDiscreteMathematicalStructures	AMCCollegeofEngg.Bengaluru,Karnataka,India .	12thSeptember 2004
44	One Day Workshop on "Scheme of TeachingandFinalizationofSyllabusinEngg. Mathematics–IV"	SJCE,JSSTechnicalInstitutionCampus,Mysore, Karnataka, India.	12thJanuary2003

i. Workshops/Conference(Organized)

Sl. No.	Name of the workshop/Conference	Organized	Date	Role
1	Numerical methods and its applications In research	Centre for inter-desciplinary research With dept.of mathematics JSSATEB.	04thJuly 2018	Co-ordinator

ii. ConferenceAttended(thosesponsoredbyAICTE/ISTE /IETE/TEQIP oranyothersponsoringbody)

Sl. No.	Nameoftheworkshop/Conference	Organiser	Date
1	New Model Curriculum for first year BE-CBCSdetailedsyllabus,2018-19,National workshop, MHRD Government of India	BIT,Bengaluru, Karnataka,India.	07thMay2018
2	KSTA National conference on "Impact of Science and Technologyon Societyand Economy"	Vijayanagara Sri Krishna Devaraya University, Bellary, Karnataka, India.	8thto10th,March201 7
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.	30thto 31st,January2 015
4	DSTsponsored Inter National conference on "Analysis and Applications	Berhampu rUniversity,Berhampur,Odisha, India.	20thto21stJuly 2012
5	DSTsponsored National conference	Berhampur University,Berhampur,Odisha, India.	22ndto23rd December2010

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 analysis with Applications	MHRDSWAYAM,IITROORKEE	(Aug-Nov2019) 17-11-2019	Elite+silver 76%
3	Matrix Algebra for Engineers	The Hong Kong University of Science and Technology	07-10-2020	100%
4	Matrix Methods	University of Minnesota	30-09-2020	93.5%
5	Fibonacci Numbers and The Golden Ratio	The Hong Kong University of Science and Technology	31-08-2020	80%

10. Membership of Professional Bodies:

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

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

1. Delivered a Guest Lecture on "**Latex software and its usage**"at Govt. first grade college,Kadur on18-09-2014.
2. 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	Studies on some aspects of alignment chart functional mean and its Applications	12-08-2022	1JS21PMA02	Registered

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