

Detailed CV



Name : Dr.Vishalakshi B.

Educational Qualification: M.Sc., Ph.D.

B.Sc. 1984- Mangalore University-X Rank

M.Sc. 1986 – Mangalore University -I rank

Ph.D. 1996- Department of IPC, Indian Institute of Science, Bangalore

Designation: Professor

Address for Correspondence:

Department of Chemistry,
Mangalore University,
Mangalagangothri-574 199,
Karnataka, India

E-mail: vishalakshi2009@yahoo.com
vishalakshi.b1234@gmail.com

Phone: 0824-2287262(O)
+91-9880218845(M)

Research Areas : Stimuli Responsive Polymers, Polysaccharide based copolymer hydrogels, Conducting Biopolymers, Polymer Nanocomposites, Drug Release Studies, Polymeric Adsorbents

Professional Teaching Experience:

24 years- Physical Chemistry, Polymer Chemistry

Research Guidance (Ph.D.): 11(awarded) +01(submitted thesis)+ 04(ongoing)

Completed students' list

Sl.No.	Name	Title	Year of Award
1	Dr. Mohan T. P.	Synthetic Studies, spectral characterization and biological Activities of some substituted heterocycles containing 4-fluoro-3-phenoxyphenyl moiety	2005
2	Dr.Mohanan A.	Synthesis, characterization and applications of polymeric hydrogels	2009
4	Dr.(Mrs.) Nandini R.	A Study of the effect of structural parameters on polymer-dye interactions	2011
5	Dr. Jagadish N. Hiremath	Synthesis, characterization and applications of polymeric hydrogels	2015
8	Dr.Karthika J.S.	Synthesis, characterization and applications of gellan gum based polymers.	2016
6	Dr.P.D. Chethan	Studies on chemical modification of chitosan	2018
7	Dr.Mithun U.	Studies on some polyelectrolyte complexes derived from modified polysaccharides.	2019
8	Dr.Arun Krishna K.	Synthesis, characterization and applications of copolymer based composite hydrogels	2020
9.	Dr.Gangadhar Babaladimath	Studies on polysaccharides modified by graft Copolymerization	2020
10	Dr.Anush S.M.	Preparation, characterization and applications of chemically modified Chitosan	2020
11	Dr.Sirajo Abubakkar Zauro	Preparation, characterization and applications of polysaccharide based amphoteric composite hydrogels.	2020
12	Ms. Preetha B.K.	Synthesis, characterization and applications of polysaccharide based graft copolymers and hydrogels	Submitted

Ongoing Registered Students' list:

Sl.No.	Name	Title	Year of Registration
1	Mr. Prajwal	Studies on hybrid polymer hydrogel nanocomposites: Preparation, Characterization and Applications	2017
2	Ms. Shruthi S.	Undergoing Course Work	2019
3	Ms. Shreekripa J P	Undergoing Course Work	2019
4	Mr. Ganesh G.	Completed Course work	Allotted in 2020

Research Projects:

Completed: 01

Sl.No.	Funding Agency	Title of Project	Amount	Year (From-To)
1	BRNS-DAE	Radiation synthesis of hydrogels for development of intelligent biomaterials	Rs. 10.03 Lakhs	2005-08

Ongoing: 01

Sl.No.	Funding Agency	Title of Project	Amount	Year (From-To)
1	UGC under CPEPA	Electron beam irradiation effects on polyscale functional materials using microtron facility	5 Crores	2016 onwards- one of the Core research team members

Professional Collaboration :

National:

1. Centre for Applications of Radioisotopes and Radiation Technology (CARRT), Mangalore University, Mangalagangothri, Karnataka.
2. Department of Physics, Mangalore University, Mangalagangothri, Karnataka.
3. Microtron Centre, Department of Studies in Physics, Mangalore University, Mangalagangothri, Karnataka.

4. Department of Biological Sciences, Poornaprajna Institute of Scientific Research, Devanahalli, Bangalore.
5. Department of Chemistry, Karnatak University, Dharwad.
6. Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, Manipal University, Manipal, Karnataka
7. Department of Pharmaceutics, NGSM Institute of Pharmaceutical Sciences, Mangalore, Karnataka.
8. Soniya Education Trust's College of Pharmacy, S.R.Nagar, Dharwad, Karnataka.

Research Journal Publications:

International:

1. Polyaniline in the conducting state in neutral medium; S.Ghosh, B.Vishalakshi and V. Kalpagam; *Synthetic Metals*, 46, 349 (1992).
2. The effect of charge density and concentration on the composition of polyelectrolyte complexes; B.Vishalakshi, S. Ghosh and V. Kalpagam; *Polymer*, 34, 3270 (1993).
3. The effect of charge density and structure of the polymer on the dye binding characteristics of some cationic polyelectrolytes, B.Vishalakshi *J.Polym.Sci.,Part A,Polym.Chem.*, 33,365 (1995).
4. Nonstoichiometric polyelectrolyte complex of carboxymethylcellulose and quaternised poly(2-vinylpyridine), B. Vishalakshi and S. Ghosh, *J.Polym.Sci.,Part A,Polym.Chem.*, 41, 2288 (2003).
5. 2,6-Bis(4,6-dimethoxy-pyrimidin-2-yl-oxo)benzoic acid-Structure Reports, Deepak Chopra, T.P.Mohan, B.Vishalakshi and T.N.Guru Rao, *Acta Crystallographica Section E* 61, 03281(2005).
6. 6-(4-Chlorophenyl)-4-(4-fluoro-3-phenoxyphenyl)-2-oxo-1,2,3,4-tetrahydropyridine- 3- carbonitrile, T. P. Mohan, B. Vishalakshi, Deepak Chopra, *Acta Crystallographica Section E* 62 (7), o2660–o2662(2006).
7. 1-Acetyl-3-(4-chlorophenyl)-5-(4-fluoro-3-phenoxyphenyl)-1H-pyrazole , T. P. Mohan, Deepak Chopra, B Vishalakshi, *Acta Crystallographica Section E* 62 (7), o2770–o2772 (2006).
8. 5-(4-Fluoro-3-phenoxyphenyl)-3-phenyl-4,5-dihydroisoxazole, Chopra, Deepak and Mohan, T P and Vishalakshi B., *Acta Crystallographica Section E: Structure Reports Online*, 62(9):o3819-o3820 (2006).
9. 4-(4-fluoro-3-phenoxyphenyl)-6-(4-fluorophenyl)-2-oxo-1,2-dihydropyridine-3-carbonitrile and the 6-(4-methylphenyl)- analogue, Deepak Chopra, T P Mohan, B Vishalakshi, Tayur N Guru Row, *Acta crystallographica, Section C, Crystal structure communications* 62(Pt 9):o540-3, (2006).
10. A series of substituted (2E)-3-(2-fluoro-4-phenoxyphenyl)-1-phenylprop-2-en-1-ones, Deepak Chopra, TP Mohan, B Vishalakshi, T N Guru Row, *Acta*

- crystallographica, Section C, Crystal structure communications, 63(Pt 12):o704-10 (2007).
11. Four substituted pyrazolines, Deepak Chopra, TP Mohan, B Vishalakshi, T N Guru Row, Acta crystallographica, Section C, Crystal structure communications 63(Pt 12):o746-50 (2007).
 12. Sustained release of Metoprolol Tartrate from radiation grafted pH responsive hydrogels, A. Mohanan, B. Vishalakshi., R. Narayan Charulu, N.M. Harish & S. Ganesh, International Journal of Polymeric Materials, 58, 32-48 (2009).
 13. Swelling and diffusion characteristics of interpenetrating network films composed of sodium alginate and gelatin: Transport of Azure B, A. Mohanan & B. Vishalakshi, International Journal of Polymeric Materials, 58, 561-580, (2009).
 14. A comparative study of polymer-dye interaction, Nandini R and Vishalakshi B., Orbital The Electronic Journal of Chemistry, 1(2), 215-227 (2009).
 15. Spectroscopic study of interaction of cationic dyes with heparin R. Nandini and B. Vishalakshi, Orbital, The Electronic Journal of Chemistry 1(4), 255-272, (2009).
 16. A comparative study of polyelectrolyte-dye interactions R. Nandini, B. Vishalakshi, Spectrochimica Acta, Part A, 74, 1025-1030 (2009).
 17. A study of interaction of cationic dyes with anionic polyelectrolytes, R. Nandini and B. Vishalakshi, Spectrochimica Acta, Part A, 75 14-20 (2010).
 18. Swelling and diffusion characteristics of stimuli responsive N-isopropylacrylamide and kappa-carrageenan semi IPN hydrogels, A. Mohanan, B. Vishalakshi & S. Ganesh, International Journal of Polymeric Materials, 60, 787-798 (2011).
 19. Swelling and metal ion absorption characteristics of radiation synthesized stimuli responsive PAAm-KC semi-IPN hydrogels, A. Mohanan, B. Vishalakshi & S. Ganesh, Separation Science and Technology, 46, 1-8 (2011).
 20. A comparative study of Polymer-Dye interaction: Interaction between Methyl Orange and Polycations, Nandini R. And Vishalakshi B., J. Ind. Council Chem., 28,(2), 76-80 (2011).
 21. Spectrophotometric Study of Interaction between Sodium Carrageenate and Cationic Dyes R. Nandini and B. Vishalakshi E-Journal of Chemistry, 8, S253-S265 (2011).
 22. A Study of Interaction of Methyl Orange with Some Polycations, Nandini R. And B. Vishalakshi, E-Journal of Chemistry, 9(1), 1-14 (2012).
 23. Effect of crosslinking on swelling behaviour of IPN hydrogels on Guar gum and Polyacrylamide, Jagadish N. Hiremath & Vishalakshi B., Der Pharma Chemica, 4(3), 946-955 (2012).
 24. Sustained Release of Atorvastatin from radiation synthesized stimuli responsive hydrogels, A. Mohanan, B. Vishalakshi., R. N. Charyulu, N.M. Harish and S. Ganesh, International Journal of Polymeric Materials, 62, 5-9, 2013.
 25. Preparation of substituted quaternized arylfuran chitosan derivatives and their antimicrobial activity, P.D. Chethan, B. Vishalakshi, L. Sathish, K. Ananda and

- BojaPoojary, International Journal of Biological Macromolecules, 59, 158-164 (2013).
26. Synthesis, swelling behavior, salt and pH-sensitivity of crosslinked gellan-gum-graft poly(acrylamide-itaconic acid) hydrogels Karthika J.S. and Vishalakshi B., Der PharmaChemica, 5(2), 185-192 (2013).
 27. Swelling studies of pH and salt responsive ethylene glycol dimethacrylate crosslinked gellan gum and sodium alginate gels, Jagadish N. Hiremath and Vishalakshi B., International Journal of PharmTech Research 5 (2) 657-669 (2013).
 28. Synthesis of ethylenediamine modified chitosan and evaluation for removal of divalent metal ions P.D. Chethan, B. Vishalaksh, Carbohydrate Polymers, 97 530– 536 (2013).
 29. Microwave assisted synthesis and characterization of poly(itaconic acid) grafted gellan gum J.S.Karthika , B.Vishalakshi International Journal of Polymer Analysis and Characterization 19 95-106 (2014).
 30. Experimental and theoretical analysis of $\text{I}\pi$ intermolecular interactions in derivatives of 1, 2, 4-triazoles R Shukla, TP Mohan, B Vishalakshi, D Chopra, CrystEngComm, 16(9), 1702-1713 (2014).
 31. pH responsive gels of Gellan Gum and Carboxymethylcellulose: Matrix for ketoprofen Delivery Karthika J.S. and Vishalakshi B., International Journal of ChemTech Research 6 (2), 1055-1069 (2014)
 32. Microspheres of guar gum-grafted- polyacrylamide modified by hydrolysis: Evaluation for controlled drug delivery Jagadish N. Hiremath and Vishalakshi B. International Journal of Chemical and Pharmaceutical Sciences, 5(3), 82-88 (2014).
 33. Microwave assisted synthesis and characterization of Poly(dimethylamino)ethyl methacrylate) grafted gellan J.S.Karthika, B.Vishalakshi, International Journal of Polymer Analysis and Characterization, 19, 709-720 , 2014
 34. Adsorption efficiency of Cr(VI) by ethylene-1,2- diamine-6-deoxychitosan Chethan P.D. and Vishalakshi B. Separation Science and Technology, 50 (8) 1158-1165 (2014).
 35. Swelling Kinetics of a pH-sensitive polyelectrolyte complex of polyacrylamide-g-alginate and chitosan Mithun U and Vishalakshi B. International Journal of ChemTech Research, 6 (7), 3579-3588 (2014).
 36. Evaluation of a pH-responsive guar gum-based hydrogel as adsorbent for cationic dyes: kinetic and modelling study, Jagadish N. Hiremath, Badalamoole Vishalakshi, Polymer Bulletin, 72(12), 3063-3081, 2015.
 37. Novel stimuli - responsive gellan gum - graft - poly(DMAEMA) hydrogel as adsorbent for anionic dye J.S.Karthika , B.Vishalakshi International Journal of Biological Macromolecules, 81, 648-655 (2015).
 38. Effective removal of divalent metal ions: Synthesis and characterization of pH sensitive guar gum based hydrogels Jagadish N Hiremath and B.Vishalakshi, Desalination and Water Treatment; 57(9) 4018-4027(2016).

39. Gellan gum-graft-polyaniline-An electrical conducting biopolymer, J.S.Karthika , B.Vishalakshi and Jagadish Naik, International Journal of Biological Macromolecules, 82,61-67 (2016).
40. Preparation and characterization of polyelectrolyte complex N,N,N-trimethylchitosan/gellan gum:Evaluation for controlled release of ketoprofen U. Mithun B. Vishalakshi and J.S.Karthika, Iranian Polymer Journal, Vol.25, 339-348 (2016).
41. Swaroop Kumaraswamy, Gangadhar Babaladimath, Vishalakshi Badalamoole, Somashekarappa H Mallaiiah, 'Gamma irradiation synthesis and in vitro drug release studies of ZnO/PVA hydrogel nanocomposites', Advanced Materials Letters, 8(1), 2-7 (2017).
42. Pectin based ZnO Nanocomposite Hydrogel: Evaluation as adsorbent for divalent metal ions from aqueous solutions, Arun Krishna K. and Vishalakshi B. Elixir Nanotechnology 107, 47326-47331(2017).
43. Gellan gum-based novel composite hydrogel: Evaluation as adsorbent for cationic dyes, K.Arun Krishna and B.Vishalakshi, Journal of Applied Polymer Science, 134, 45527-455535(2017).
44. Silver nanoparticles embedded gum-ghatti-graft-poly(N,N-dimethylacrylamide) biodegradable hydrogel: evaluation as matrix for controlled release of 2,4-dichlorophenoxyacetic acid. Gangadhar Babaladimath and Vishalakshi B., J.Polym. Res. 24, 155 (2017).
45. Amphoteric gellan gum-based terpolymer-montmorillonite composite: synthesis, swelling and dye adsorption studies, Sirajo Abubakkar Zauro and B.Vishalakshi, International Journal of Industrial Chemistry, 8(3), 345-362 (2017).
46. Synthesis of locust bean gum-based terpolymer bentonite composite:evaluation for indigo carmine adsorption, Sirajo Abubakkar Zauro and Vishalakshi Badalamoole International Journal of Advanced Chemistry 5(2), 61-69 (2017).
47. Quaternized chitosan quinoline derivative with potential antibacterial activity Anush S M and Vishalakshi B *Der Pharma Chemica* 9, 24-29 (2017).
48. Absorptive removal of Cu(II) and Pb(II) from aqueous solutions using Xanthan gum-g-poly [(N,N-dimethylacrylamide)-co-(2-acrylamido-2-methylpropanesulfonic acid)]-Zno nanocomposite gel, Sirajo Abubakkar Zauro and Badalamoole Vishalakshi, Separation Science and Technology, 53(1), 2018.
49. Silver nanoparticles embedded pectin based hydrogel: novel adsorbent material for separation of cationic dyes", Gangadhar Babaladimath and Vishalakshi Badalamoole Polymer Bulletin online 09 nov 2018.
50. Synthesis of pyrazole-based Schiff bases of chitosan: Evaluation of antimicrobial activity S.M. Anush, B. Vishalakshi, B. Kalluraya and N. Manju International Journal of Biological Macromolecules, 119, 446-452 (2018).
51. Karaya gum-graft-poly(2-(dimethylamino)ethyl methacrylate) gel: An efficient adsorbent for removal of ionic dyes from water, Preetha Bidarakatte Krishnappa, Vishalakshi Badalamoole, International Journal of Biological Macromolecules, 122, 997-1007 (2019).
52. Pectin-based silver nanocomposite film for transdermal delivery of Donepezil

- Arun K Kodoth, Vivek M Ghate, Shaila A Lewis, Bharathi Prakash, Vishalakshi Badalamoole, International Journal of Biological Macromolecules, 134, 269-279 (2019).
53. Pectin Based Graft Copolymer–ZnO Hybrid Nanocomposite for the Adsorptive Removal of Crystal Violet, Kodoth, A.K., Badalamoole, V. Journal of Polymers and the Environment, 27(9), 2040-2053 (2019).
 54. Development of MART for the Rapid production of Nanostructured Lipid Carriers Loaded with All-Trans Retinoic acid for Dermal delivery, Vivek M Ghate, Arun K Kodoth, S.Raja, B Vishalakshi, Shaila A Lewis, : AAPS PharmSci- Tech 20(4),162 (2019) .
 55. Modified chitosan gel incorporated with magnetic nanoparticles for removal of Cu(II) and Cr(VI) from aqueous solution, S.M.Anush and B.Vishalakshi, International Journal of Biological Macromolecules 133, 1051-1062 (2019).
 56. Synthesis and metal ion adsorption characteristics of graphene oxide incorporated chitosan Schiff base, S.M. Anush, H.R. Chandan, B. Vishalakshi, International Journal of Biological Macromolecules, 126, 908-916, (2019).
 57. Colloidal nanostructured lipid carriers of pentoxifyllin produced by microwave irradiation ameliorates imiquimod-induced psoriasis in mice, Vivek M.Ghate, Arun K.Kodoth, Abhishek Shaw, Badalamoole Vishalakshi, Shaila A. Lewis, Colloids and Surfaces B: Biointerphases, 181, 389-399 (2019).
 58. Non-Propellant Foams of Green Nano-Silver and Sulphadiazine: Development and *In Vivo* evaluation for burn wounds, Aleksandra Kurowska, Vivek Ghate, Arun Kodoth, Aarti shaw, Abhishek Shaw, Badalamoole Vishalakshi, Bharathi Prakash, Shaila A. Lewis, Pharmaceutical Research, 36(8), 122 (2019).
 59. Silver nanoparticles embedded in pectin-based hydrogel for adsorptive removal of dyes and metal ions, Arun K. Kodoth and Vishalakshi B., Polymer Bulletin, 77, 541-564 (2019).
 60. Novel heterocyclic chitosan-based Schiff base: evaluation as adsorbent for removal of methyl orange from aqueous solution, A.S. Manchaiah and V. Badalamoole, Water and environment Journal (Feb 2019) online.
 61. Modification of Karaya gum by graft copolymerization for effective removal of anionic dyes, B. K. Preetha and Vishalakshi Badalamoole, Separation Science and Technology, 54 (16), 2638-2652 (2019).
 62. Silver nanocomposite hydrogel of Gum ghatti with potential antibacterial property, Gangadhar Babaladimath and Vishalakshi Badalamoole Journal of Macromolecular Science, Pat A, Pure and Applied chemistry, 56, 952-959 (2019).
 63. Efficient removal of dyes and heavy metal ions from waste water using Gum ghatti- graft-poly(4-acryloylmorpholine) hydrogel incorporated with magnetic nanoparticles, Prajwal Kulal, Vishalakshi Badalamoole, Journal of Environmental Chemical Engineering, 8, 104207 (2020).
 64. Magnetic nanoparticle embedded Pectin-graft-poly(N-hydroxyethylacrylamide) hydrogel: Evaluation as adsorbent for dyes and heavy metal ions from waste water, Prajwal Kulal and Vishalakshi Badalamoole, International journal of biological macromolecules, 156, 1408-1417 (2020).

65. Microwave assisted synthesis of karaya gum based montmorillonite nanocomposite :characterisation, swelling and dye adsorption studies', B. K. Preetha, B. Vishalakshi, *Int. J. Biol. Macromol.*, 154,739-750(2020).
66. Karaya gum-graft-poly(N,N'-dimethylacrylamide) gel: A pH responsive potential adsorbent for sequestration of cationic dyes, B. K. Preetha, B. Vishalakshi *J. Environ. Chem. Eng.*, 8,103608-103619 (2020).
67. Graphene oxide functionalized chitosan magnetite nanocomposite for removal of Cu(II) and Cr(VI) from waste water, SM Anush, HR Chandan, BH Gayathri, Asma, N Manju, B Vishalakshi, B Kalluraya, *International Journal of Biological Macromolecules* , 164, 4391-4402 (2020) .
68. Hybrid nanocomposite of kappa-carrageenan and magnetite as adsorbent material for water purification, Prajwal Kulal, Vishalakshi Badalamoole, *International Journal of Biological Macromolecules* , 165, 542-553(2020).

National:

1. Permeability properties of polyelectrolyte complexes from carboxymethylcellulose and poly(2-vinyl-N-methylpyridinium iodide), B.Vishalakshi and V. Kalpagam, *Ind.J.Chem.*, 31A, 334 (1992).
2. Polysaccharidematrix forms for slow release of drugs; A preliminary study with Nimesulide, D.Chерian, C.G.Geetha Rao and B.Vishalakshi, *Trends in Biomaterials and Artificial Organs, India*, 17(1), 47(2003).
3. Synthesis and insecticidal activity of some 1,3,4-oxadiazole derivatives containing phenoxyfluorophenyl group; T.P.Mohan, B.Vishalakshi, K.S.Bhat, K.S.Rao and G.N.Kendappa, *Indian Journal of Chemistry*, 43B, 1798 (2004).
4. Polyelectrolyte-dye interactions: Study of interaction between Sodium carboxymethylcellulose and Acrydine orange, R. Nandidni and B.Vishalakshi, *J. Indian Chem. Soc.*, 87, 6-11(2010).
5. Design and in vitro evaluation of pentoxifylline-polyelectrolyte complex tablets, Teresa G Poozhikanadakel, NR Charyulu, NM Harish, B Vishalakshi, *Indian Journal of Pharmaceutical Education and Research*, 47 (3), 42-48 (2013).
6. Microwave assisted synthesis of Poly(diallyldimethylammonium chloride) Grafted Locust Bean Gum: Swelling and Dye adsorption studies, Sirajo A.Zauro and B Vishalakshi, *Indian Journal of Advances in Chemical Science*, S1, 88-91(2016).

Book Chapters:

R.Nandini, B.Vishalakshi (2019), A comparative study of effect of dye structure on polyelectrolyte induced metachromasy In: *Polymeric and nanostructured materials: Synthesis, properties and advanced applications*, Aparna Thankappan, Nandakumar Kalarikkal, Sabu Thomas and Aneesa Padinjakkara (Eds.) pages 55-70, AAP, Inc(2019).

Papers / poster presentations in Conferences / Seminars / Symposia:

International

1. Radiation Synthesis of “smart hydrogels” for controlled release drug delivery Systems, Vishalakshi B., Jyothi D. Mumbrekar, Narayana Charyulu R &, Ganesh S. International Conference on Materials For the Millennium (MatCon 2007) held at Department of Applied Chemistry, Cochin University of Science and Technology, Kochi during 1 – 3 March, 2007.
2. Synthesis and swelling characteristics of pH and Temperature responsive semi-IPN hydrogels of N-isopropyl acrylamide and kappa- carragenan, Vishalakshi B., Mohanan A., Ganesh S., Narayana Charyulu R. , Three Day International Conference on Frontiers in Chemical Research , ICFCR-2008 held in the Department of Chemistry, Mangalore University during 29-31 December 2008.
3. Preparation of kappa-Carrageenan and hydroxyethylmethacrylate IPN hydrogels and release of methylene blue, Jyothi D. Mumbrekar and Vishalakshi B. , Three Day International Conference on Frontiers in Chemical Research, ICFCR-2008 held in the Department of Chemistry, Mangalore University during 29-31 December 2008.
4. Radiation synthesis and swelling characteristics pH responsive IPN hydrogels of polyacrylamide and kappa-carrageenan, Vishalakshi B, Mohanan A & Ganesh S., Three Day International Conference on Frontiers in Chemical Research, ICFCR-2008 held in the Department of Chemistry, Mangalore University during 29-31 December 2008.
5. A comparative study of polymer-dye interactions, Nandini R. and Vishalakshi B. , Three Day International Conference on Frontiers in Chemical Research , ICFCR-2008 held in the Department of Chemistry, Mangalore University during 29-31 December 2008.
6. Polyelectrolyte-Dye interactions, Nandini R. and Vishalakshi B., International conference on recent advances industrial electrochemical science and technology (ICRAIEST-2009)held at department of chemistry, Mangalore University during 5-7 November 2009.
7. Design and in-vitro evaluation of Pentoxifylline polyelectrolyte complexes, R.Narayana Charyulu, H.N.Mattapadi and B.Vishalakshi , International conference on drug delivery-2010 held at PSG College of Pharmacy, Coimbatore during 29 & 30 January 2010.
8.]Release characteristics of Dilthiozen hydrochloride from guar-gum grafted polyacrylamide/Sodium alginate gel beads, Jagadish N.Hiremath and Vishalakshi B., International conference on “Synthetic and structural

- chemistry(ICSSC-2011) held at Mangalore University, Mangalagangothri during 8-10 December 2011.
9. Hydrogels of gellan gum and carboxymethylcellulose: matrix for the release of paracetamol, Karthika J.S. and Vishalakshi B., International conference on Recent advances in material science and technology-2013 (ICRAMST-2013) held at NITK, Surathkal, Mangalore during 17-19 January 2013.
 10. Synthesis and evaluation of ethylenediamine modified chitosan resins for the removal of metal ions, Chethan P.D. and Vishalakshi B. International conference on Recent advances in material science and technology-2013 (ICRAMST-2013) held at NITK, Surathkal, Mangalore during 17-19 January 2013.
 11. Superabsorbent Guar Gum based hydrogel for removal of dyes, Jagadish N. Hiremath and Vishalakshi B. International conference on Recent advances in material science and technology-2013 (ICRAMST-2013) held at NITK, Surathkal, Mangalore during 17-19 January 2013.
 12. Swelling studies of pH and salt responsive ethyleneglycoldimethacrylate crosslinked gellan gum and sodium alginate gel, Jagadish N. Hiremath and Vishalakshi B. International conference on Recent advances in material science and technology-2013 (ICRAMST-2013) held at NITK, Surathkal, Mangalore during 17-19 January 2013.
 13. Microwave assisted synthesis of gellan gum-graft polyaniline, Karthika J.S., Vishalakshi B., Third International conference of Indian Council of Chemists on “Chemistry for sustainable development: Indian Perspective” held at Hotel Grand Excelsior, Dubai during 11-13 June 2014.
 14. Microwave assisted synthesis and characterization of electrical conducting graft copolymers of xanthan gum and polyaniline”, Gangadhar B and Vishalakshi B , International conference on chemistry and materials (ICCM’2014) held at the Department of chemistry, Bharathidasan Institute of Technology Campus, Anna University, Tiruchirapalli, during 14 & 15 November 2014.
 15. Preparation and characterization of polyelectrolyte complex of N,N,N-trimethylchitosan/gellan gum for controlled release of ketoprofen, Mithun U and Vishalakshi B., International conference on chemistry and materials (ICCM’2014) held at the Department of chemistry, Bharathidasan Institute of Technology Campus, Anna University, Tiruchirapalli, during 14 & 15 November 2014.
 16. Gum Gatti-graft-poly(N,N-dimethylacrylamide): Microwave assisted synthesis and Evaluation as matrix for controlled release of herbicide, Gangadhar Babaladimath and Vishalakshi B., Fourth International Conference on Natural Polymer and Bio-Materials (ICNP – 2015) held at Mahatma Gandhi University, Kottayam, Kerala during 10-12 April 2015
 17. Novel GG-PVA-PAAm IPN Polymer and its Composite with Kaolin for Removal of Dyes from Aqueous Solution, Arun Krishna K. and Vishalakshi B”, Fourth International Conference on Natural Polymer and

- Bio-Materials (ICNP – 2015) held at at Mahatma Gandhi University, Kottayam, Kerala during 10-12 April 2015
18. Microwave Assisted Synthesis and Characterization of Biodegradable Gum gatti-g-poly(N,N-Dimethylacrylamide) Ag nanoparticles, Gangadhar B. and Vishalakshi B. , International Conference on Smart Materials and Technologies for Emerging Electronics (IC-SMTEE-2016)Organized by- Department of Mechanical Engineering, - Department of Electronics and Communication and Centre of Excellence in Nano-science and technology (CENT), Sahyadri College of Engineering and Management, Mangalore during 19-20 February 2016.
 19. Microwave Assisted Synthesis of Diallyldimethylammonium Chloride Grafted Locust Bean Gum: Swelling and Dye Adsorption Studies, Sirajo A. Zauro and B. Vishalakshi, International conference on advanced materials and technology (ICMAT-16), SJCE Mysore during 26 - 28 May 2016.
 20. Polysaccharide based nanocomposite Hydrogel: Agricultural and Industrial Applications, Gangadhar B. Arun Krishna K. and Vishalakshi B., International conference on ‘Advance Materials & Technology’ (ICMAT-16) , SJCE Mysuru during 26 -28 May 2016.
 21. Evaluation For Biological Activity of Substituted Quarternized Chitosan Quinoline Derivatives”, Anush S. M. and Vishalakshi B, International conference on Science and Technology: Future Challenges and Solutions (STFCS-2016), University of Mysore during 8- 9 Aug., 2016.
 22. Gellan gum based Amphoteric Composite Hydrogel: Dye Adsorption studies, Sirajo A. Zauro and Vishalakshi B., 39th Annual International Conference of the Chemical Society of Nigeria, Port Harcourt, Nigeria during 18-23 Sep., 2016.
 23. Silver Nanoparticles Embedded Pectin-Graft-Poly(2-Acrylamido-2-methylpropane sulfonic acid) Hydrogel: Evalaution as adsorbent material for cationic dye, Gangadhar B. and Vishalakshi B., International Conference on nanotechnology: the Fruition of Science (ICON-17), NMC College, Marthandam, Kanyakumari, Tamil Nadu during 15and 16 February 2017.
[Received the Best Paper presentation (Oral) award].
 24. Pectin graft poly[2-(methacryloyl-oxyethyl)trimethylammonium chloride-co- 2-acrylamido-2-methyl-1-propane sulfonic acid]/montmorillonite composite: Synthesis and divalent metal ions adsorption, Sirajo Abubakar Zauro and Vishalakshi B., International Conference on nanotechnology: the Fruition of Science (ICON-17) NMC College, Marthandam, Kanyakumari, Tamil Nadu, during 15and 16 February 2017.

25. Novel P-PAMPS-Paam/ZnO Nano-composite Hydrogel; Evaluation as Adsorbent for Cationic Dyes, Arun Krishna K. and Vishalakshi B., International conference on Advances in Biological, Chemical and Physical Sciences (ABCPS), Anna University, Tiruchirapalli, Tamil Nadu during 13 - 15 March 2017.
26. Magnetic nanoparticle embedded pectin –based hydrogel for controlled release of diclofenac sodium, Gangadhar B. and Vishalakshi B., 5th International conference of the Indian council of chemists on current Concepts in Chemistry held at Swiss-Belhotel Rainforest, Bali, Indonesia during 7-9 June 2017.
27. Synthesis of Karaya gum grafted 2-(methacryloyloxyethyl)trimethyl ammonium chloride (KG-graft-PMETAC) for the effective removal of anionic dyes, Preetha B. K., and Vishalakshi B., International Conference on Emerging Trends in Chemical Sciences (ICETCS 2017) held at Manipal Institute of Technology, Manipal University during 14-16 September 2017.
28. Pectin based ZnO nanocomposite hydrogel: Evaluation as adsorbent for divalent metal ions, Arun Krishna K. and Vishalakshi B., International Conference on Emerging Trends in Chemical Sciences(ICETCS) held at Manipal Institute of Technology, Manipal University, Karnataka during 14 -16 September 2017.
29. Development of an efficient polymeric adsorbent material for treatment of dye effluents: Kinetic and thermodynamic studies, Preetha B. K., and Vishalakshi B., International conference on recent advances in materials science and biophysics(RAMSB) held at Mangalore University, Mangalagangothri during 23-25 January 2018.
30. Antibacterial agent loaded nano-lipid carriers for the selective mitigation of pathogenic bacteria and their biofilms in the skin, Vivek M. Ghate, Arun Krishna K., Vishalakshi B., Bharathi Prakash, Shaila A. Lewis, AAPS Pharm Sci 360, Washington DC, USA during 4-7 November 2018.
31. Adsorption behaviour of zinc oxide nanocomposite of acacia gum-graft-poly(2-hydroxyethylmethacrylate) towards methylene blue from aqueous solutions , Rohan R. Suvarna, Preetha B. K., and Vishalakshi B. International conference on direct digital manufacturing and polymers, ICDDMAP-2019 held at Karnatak University, Dharwad during 20-23 February 2019.
32. Magnetic nanoparticles incorporated karaya-gum based hydrogel for the adsorption of ionic dyes, Preetha B. K., and Vishalakshi B., International conference on direct digital manufacturing and polymers, ICDDMAP-2019 held at Karnatak University, Dharwad during 20-23 February 2019.

Chaired a session in the International conference on Recent advances in material science and technology-2013 (ICRAMST-2013) held at NITK, Surathkal, Mangalore during 17-19 January 2013.

Chaired a session in the International conference on direct digital manufacturing and polymers, ICDDMAP-2019 , Karnatak University, Dharwad , 20-23 February.

National

1. Kinetics of formation and characteristics of the equilibrium structure of a nonstoichiometric polyelectrolyte complex, Vishalakshi B. and S.Ghosh, at the national symposium in chemistry, held at Indian institute of Science, Bangalore during 27-30 January 1999.
2. Swelling behavior of polyelectrolyte complex of carboxymethylcellulose and quaternized poly(2-vinyl pyridine), Vishalakshi B. at national seminar on polymer science for industry and society held at Kuvempu University, Shimoga during 7-8 January 2000.
3. Effect of ionic strength on complex formation between carboxymethylcellulose and quaternized poly(vinylpyridine), Vishalakshi B. at the 19th Conference of Indian Council of Chemists held at Kuvempu University, Shimoga during 27-29 November 2000.
4. Synthesis and biological activity of some substituted triazoles, 1,3,4-oxadiazoles and 1,4-thiazolidinones, Mohan T.P. and Vishalakshi B. at the 20th Conference of Indian Council of Chemists held at Mysore University, Mysore during 22-24 December 2001.
5. Synthesis of pyran, pyrazoline isoxazole derivatives as potential agrochemicals, Mohan T.P., Shridhara K. and Vishalakshi B. at the 90th Conference of Indian science Congress , held at Bangalore during 3-7 January 2003.
6. Synthesis, characterization and antifungal activity of some N-bridged heterocycles containing fluorophenoxyphenyl moiety, Vishalakshi B. , Mohan T.P., Rao K.S., and Shridhara K., at the national seminar on role of chemistry in the emerging areas of applied sciences, S.V. University, Tirupati during 15-17 March 2004.
7. Radiation Synthesis of hydrogels and spectro-photometric investigation of polymer-dye interactions, Vishalakshi B., Jyothi D. Mumbrekar, Ganesh S. and Narayana Charyulu R. at the National Conference on Chemical Sciences for Industry and Society on Emerging Trends for the third Millennium held at Department of Industrial Chemistry, Kuvempu University, Shimoga, during 6 – 8 January, 2006.
8. Swelling and diffusion Characteristics of Sodium alginate hydrogels,

- Mohan A & Vishalakshi B. participated in the CSIR and UGC sponsored CRSI Seminar on Recent Advances in Chemistry held at Annamalai University, Tamilnadu during 10 – 11 March, 2006.
9. Spectroscopic Study of polyelectrolyte-dye interactions, Nandini and Vishalakshi B., in the national conference on Current Trends in Chemical Research (CTCR - 2006) held at Department of Chemistry, Mangalore University, Mangalagangothri, during 13 – 14 May, 2006.
 10. Absorption and release characteristics of Azure-B from sodium carboxymethyl cellulose and alginate gel beads, Mohan A and Vishalakshi B., in the national conference on Current Trends in Chemical Research (CTCR - 2006) held at Department of Chemistry, Mangalore University, Mangalagangothri, during 13 – 14 May, 2006.
 11. Controlled Release of Antihypertensive Drug from Radiation Synthesized Methacrylic Acid Grafted Hydrogels, Jyothi D. Mumbrekar, & Vishalakshi B., Ganesh S. and Narayana Charyulu R. in the national conference on Current Trends in Chemical Research (CTCR - 2006) held at Department of Chemistry, Mangalore University, Mangalagangothri, during 13 – 14 May, 2006
 12. Study of interaction between anionic polyelectrolyte and cationic dye, Vishalakshi B. and Nandini R., at the national conference on emerging areas in chemical and biological sciences (NCEACB-2007), Kuvempu University, Shimoga, during 23-24 March 2007.
 13. Studies on swelling and diffusion characteristics of hydrogels composed of sodium alginate and sodium carboxymethylcellulose, Vishalakshi B. and Mohan A., at the national conference on emerging areas in chemical and biological sciences, (NCEACB-2007) Kuvempu University, Shimoga, during 23-24 March 2007.
 14. Controlled Release of Metoprolol Tartrate from Radiation Grafted pH Responsive Hydrogels, Vishalakshi B. , Mohan A., Narayana Charulu R., & Ganesh S. in the national symposium conference on Medical Materials (NCMM 2007) held at IIT Madras, Chennai during 13-14 December 2007.
 15. pH responsive hydrogels of poly(acrylamide-co-itaconic acid) for sustained release of metoprolol tartrate, Vishalakshi B. & Mohan A., in the national symposium on polymers-prospects and challenges held at National Institute of Technology, Calicut, Kerala during 4-5 April 2008 .
 16. Synthesis and characterization of chemically modified IPN hydrogels of guar gum and polyacrylamide for sorption of metal ions , Jagadish N.Hiremath and Vishalakshi B., at the national conference on “Social Relevance of Chemical Sciences(SRCS-2011) held at Kuvempu university, shimoga during 26 & 27 March 2011.
 17. Swelling Kinetics of a pH-sensitive Polyelectrolyte Complex of Polyacrylamide-g-alginate and Chitosan, Mithun U., Vishalakshi B., Karthika J.S. and P.D. Chethan. at the 32nd annual conference of the Indian Council of Chemists, Department of studies in chemistry Karnatak University, Dharwad, 28- 30 November 2013.

18. Study of adsorption behavior of Cr(VI) onto ethylene-1,2-diamine-6-deoxy chitosan and its application for effective removal of chromium (VI), Chethan P.D., Vishalakshi B., Karthika J.S. and Mithun U. at the 32nd annual conference of the Indian Council of Chemists, Department of studies in chemistry, Karnatak University, Dharwad, 28- 30th November 2013.
 19. Synthesis of pH and temperature sensitive Gellan gum-g-poly (DMAEMA) hydrogels: Evaluation for Removal of Dyes, Karthika J.S., Vishalakshi B. , Chethan P.D. and Mithun U. at the 32nd annual conference of the Indian Council of Chemists, Department of studies in chemistry, Karnatak University, Dharwad, 28- 30th November, 2013.
 20. Dielectric properties of gellan gum-graft polyaniline copolymer, Karthika J.S., Vishalakshi B at the national Conference on ‘Current Trends in Scientific Research for Engineering Applications’(NCSEA-2014) at Department of Science, St.Joseph Engineering College, Vamanjoor, Mangalore-575 028, during 17-18 July 2014.
 21. Synthesis, characterization and Swelling Behaviour of Novel P-PAMPS-PAAm/ZnO Nanocomposite Hydrogel; Arun Krishna K. and Vishalakshi B., National Seminar and Workshop on Functional Nanomaterials for Energy, Environment and Health (FuNEH2016), Organized by- DST-PURSE Scheme, Mangalore University, Mangalagangothri, 21st -22nd March 2016. [Received the Best Paper Presentation (Poster) award]
 22. Synthesis, characterization Gum Gatti Grafted Hydrogel Loaded with Silver Nanoparticles; Gangadhar B. and Vishalakshi B.,National Seminar and Workshop on Functional Nanomaterials for Energy, Environment and Health (FuNEH2016), DST-PURSE Scheme, Mangalore University, Mangalagangothri, March 21-22, 2016.
 23. Synthesis, characterization of Chitosan Based Schiff Base for the removal of anionic Dye from aqueous Solution, Anush S. M. and Vishalakshi B., UGC Sponsored National Seminar on Emerging Trends in Analytical Techniques, Department of studies in chemistry,, Government Science College (Autonomous), Hassan, Karnataka, March 28-29, 2016.
 24. Novel substituted Quarternized Chitosan Benzyloxy Derivative; Evaluation of biological activity, Anush S. M. and Vishalakshi B, 9th KSTA Annual Conference on Science, Technology and Innovations in the 21st Century, Christ University, Bangalore, Dec. 20- 21, 2016.
 25. Amphoteric Locust Bean Gum based Terpolymer/ Bentonite Composite Hydrogel: Preparation, Swelling and Dye Adsorption Studies, Sirajo Abubakar Zauro and B. Vishalakshi, 9th KSTA Annual Conference on Science, Technology and Innovations in the 21st Century, Christ University, Bangalore, 20 and 21December 2016.
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26. Microwave assisted synthesis, characterization and swelling studies of pH and temperature responsive novel Karaya gum-graft-poly(2-(dimethylamino)ethylmethacrylate)(KG-g-DMAEMA), Preetha B. K. and Vishalakshi B., National Conference on Particle accelerators in interdisciplinary research (PAIR), Mangalore University, Mangalagangothri, India., 1-3 April 2017.
27. Dye adsorption behaviour of novel Karaya gum grafted poly(2-(dimethylamino)ethylmethacrylate) KG-g-PDMAEMA hydrogel” National Conference on Reaching the Unreached through Science and Technology : Preetha B. K., and Vishalakshi B., Recent advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment held at Mangalore University on 8th -9th September 2017.
28. Adsorption of Cationic Dyes from Aqueous Solutions Using Novel Nanocomposite Hydrogel: A High-Efficiency Water Remediation Method, Arun Krishna K. and Vishalakshi B., National Conference on Recent advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment held at Mangalore University, Mangalore, during 8th -9th September 2017.
29. Efficient removal of Cu²⁺ and Pb²⁺ from aqueous solution by xanthan gum graft copolymer, Sirajo Abubakar Zauro and Vishalakshi B., National Conference on Recent advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment held at Mangalore University, Mangalore, during 8th -9th September 2017.
30. Pectin-graft-poly(2-acrylamido-2-methylpropane sulfonic acid) silver nanocomposite Beads: Preparation, characterization and study of antibacterial activity, Gangadhar B. and Vishalakshi B., national conference on Novel Polymeric materials (Synthesis, Processing and Characterization) (polycon 2017) held at Department of polymer Science and Technology, SJCE Mysuru during 15th-16th September 2017.
31. Heterocyclic modification of chitosan for the Adsorption of Cu and Cr ions, Anush S. M., and Vishalakshi B., national conference on Novel Polymeric materials (Synthesis, Processing and Characterization) (polycon 2017) held at Department of polymer Science and Technology, SJCE Mysuru during 15th-16th September 2017.
32. Sorption of Toluidine blue from aqueous solution: Kinetic, isotherm and thermodynamic studies using Karaya gum- graft-poly(N,N-dimethylacrylamide) KG-PDMA gel, Preetha B. K., and Vishalakshi B. , 10th Annual KSTA Conference on Science and Technology for future of humanity held at Reva University, Bangalore during 18,19 January 2018.
33. Pectin based hydrogels as effective adsorbent materials for water purification, Arun Krishna K., Sirajo Abubakar Zauro, Vishalakshi B. , 37th Annual conference of Indian Council of Chemists’ held at National Institute of Technology (NITK) Surathkal during 12-14 December 2018.
34. Synthesis, characterization and evaluation of Karaya gum-graft-poly((2-methacryloyloxyethyl)trimethylammonium chloride)/

Montmorillonite clay composite (KG-g-PMETAC/MMT) as potent material for sequestration of cationic dyes, Preetha B. K. and Vishalakshi B., 37th Annual conference of Indian Council of Chemists' held at National Institute of Technology (NITK) Surathkal during 12-14 December 2018. This presentation received 'Prof. S. T. Nandibewoor award' for best oral presentation in physical chemistry section.

35. Pectin based magnetic nano composite hydrogel :Evaluation as adsorbent for cationic dyes. Prajwal and Vishalakshi B. , 37th Annual conference of Indian Council of Chemists' held at National Institute of Technology (NITK) Surathkal during 12-14 December 2018.

Chaired a session in the 32nd annual national conference of Indian council of chemists held at the department of chemistry, Karnatak University, Dharwad during 28-30 November 2013.

Invited / plenary talks delivered

- 1 A talk on :Plastic Waste disposal-Problems and Solutions" for Inauguration of activities of Chemistry Club of St.Agnes College for the year 2004 –July 2004.
- 2 A talk on "History of Plastics " was broadcasted by All India Radio, Mangalore Station on September 2004.
- 3 A talk as resource person for the TEQIP sponsored national workshop on Electronic and Optical Materials and Devices at NMAM Institute of Technology, Nitte, Karnataka on 24 August 2006.
- 4 A talk on "Polymers in Pharmacy" at the K S Hegde Charitable Hospital, Deralakatte for the PG students, Research Scholars and Faculty of Nitte Gulabi Shetty Institute of Pharmaceutical Sciences, Paneer, Deralakatte, Mangalore on 8 April 2009.
- 5 An invited lecture on "Polymers for Biomedical Applications" at Faculty Development Programme on 'Specialty polymers for medical and engineering applications' held at KVG college of Engineering, Sullia on 25 March 2011.
- 6 An invited lecture on 'what determines the solubility of polymers?' in the one week short-term training program on 'recent advances in polymer science' sponsored by the all India Council for Technical Education, held at NITK, Surathkal on 4 August 2011.
- 7 An invited lecture on 'Writing scholarly articles for science journals' as resource person on the occasion of Librarians day celebrations at St.Agnes College, Mangalore on 12 August 2013.
- 8 An invited lecture on 'Smart Polymers for Biomedical and Agricultural Applications" at the National Symposium on "Polymers-Plural thoughts over the Boons and Bans" held at the Department of Chemistry, Nehru Arts and Science College, Kanhangad, Kerala on 6 & 7 February 2014.

- 9 An invited lecture on ‘Polymers for pharmaceutical applications’ at the national Conference on ‘Current Trends in Scientific Research for Engineering Applications’(NCSEA-2014) at Department of Science, St. Joseph Engineering College, Vamanjoor, Mangalore-575 028, during 17-18 July 2014.
- 10 An invited lecture on ‘Polysaccharide Based Nanocomposite Hydrogels: Agricultural and Industrial Applications’ in the International Conference on Advanced Materials and Technology (ICMAT-16) Organized by- Shri Jayachamarajendra College of Engineering, Mysore during May 26-28, 2016.
- 11 The inaugural address at the national workshop on Microscale experiments and ICT in chemistry, on 30 & 31 January 2017 at St. Agnes College PG Centre, Mangalore .
- 12 The inaugural address at chemistry intercollegiate competitions , University college, Mangalore.
- 13 Delivered 2 lectures on the topics,
 1. Smart Polymers and their applications.
 2. Polymers-Friend or Foe? as resource person for 14th UGC Refresher Course at Academic Staff College, Mysore University, Manasagangothri, Mysore on February 9, 2018.
- 14 Delivered Prof. Kaza Somasekhara Rao Awardee lecture on the topic, “Development of polysaccharide based drug delivery systems: Opportunities and Challenges” in its 37th annual conference held at NITK, Surathkal during 12-14th December 2018.
- 15 An invited lecture on Pectin-based hybrid nanocomposite hydrogel films as implantable drug delivery systems for treatment of alzheimer’s disease in the international conference on direct digital manufacturing and polymers, ICDDMAP-2019 held at Karnatak University, Dharwad during 20-23 February 2019.
- 16 An invited lecture on ‘Polysaccharide based hybrid nanocomposites : Evaluation as adsorbent materials for water purification’ in the National Conference on trends in Materials and chemical Sciences(TCMS-2019) at Manipal Institute of Technology, Manipal academy of Higher Education, Manipal during November 4-5, 2019.
- 17 Talk in National Level Webinar on “Scientific Paper Writing” organized by the Research Cell, St Aloysius College (Autonomous), Mangaluru, on 23 June 2020.

Impact of publications (Google Scholar):

h-index: 17

i10 index: 29

Awards / Fellowship / Recognition:

1. IISc research fellowship and UGC-CSIR Research Fellowship
2. *Dr. Kalpana Chawla Young Women Scientist State Award-2013* from Government of Karnataka
3. Prof. Kaza Somasekhara Rao award for the year 2018 as '**Best Women Scientist in Chemistry**' given by the Indian Council of Chemists in its 37th annual conference held at NITK, Surathkal during 12-14th December 2018

Membership of Professional Bodies:

Life Membership: 1. Indian Council of Chemists, Agra

2. Society of Polymer Science, Dharwad Chapter, Karnataka

3. Society of Biomaterials and Artificial Organs, India.

Other professional experiences/contributions :

Warden, Working Women's Hostel, Mangalagangothri

Chairperson, Board of Examinations (PG) in Chemistry of Mangalore University

Chairperson, Department of Chemistry , Mangalore University

Chairperson, Editorial Board of Mangalore University Newsletter.

Coordinator, DST-PURSE Programme, Mangalore University

Chairperson , PG BOS of Diploma course in Fire and Industrial Safety.

Member of Board of appointment for appointment of Teachers, Mangalore University-2016

Member of Annual Report Committee

Member of Sensitization, Prevention and redressal of Sexual Harassment in the university campus (SPARSH)

Member of BOE (PG) in Chemistry, SDM College, Ujjire.

Member of BOS in Polymer Science, University of Mysore.

Member, Board of PG Examinations of Mangalore University, Karnatak University, Mysore University, Bangalore University and Kuvempu University.

Member of Board of Studies of St.Agnes College and St Aloysius college,
Mangalore.

Refereed research articles for International Journal of Biological Macromolecules

Evaluated PhD Theses of Mangalore University, Bangalore University, Kuvempu
University, Karnatak University, Kerala University, Gandhigram Rural University,
Kannur University, Calicut University, Manonmaniam Sundaranar University and
Goa University.

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