

**Staff Profile**

<b>Name</b>	<b>Dr. (Prof.) V. MADHAVAN</b>																																											
<b>Qualification</b>	<b>Degree</b>	<b>Name of the College</b>	<b>Year</b>	<b>Name of the University</b>																																								
	B.Pharm	Govt. College of Pharmacy, Bangalore	1977	Bangalore University, India																																								
	M.Pharm (Pharmacognosy)	Govt. College of Pharmacy, Bangalore	1982	Bangalore University, India																																								
	Ph.D	Regional Research Centre, Ayurveda, Jayanagar, Bangalore	2002	University of Mysore, India																																								
	D.B.M-Post Graduate Diploma in Business Management	Bharatiya Vidya Bhavan, Bangalore	1984	Bharatiya Vidya Bhavan, Bombay , India																																								
<b>Experience</b>	<table border="1"> <thead> <tr> <th><b>Organization</b></th> <th><b>Position held</b></th> <th><b>Depts. Worked</b></th> <th><b>Period</b></th> </tr> </thead> <tbody> <tr> <td>M/s. Eros Pharma. Pvt. Ltd. Bangalore</td> <td>Research Analyst</td> <td>Tablets, Capsules, Liquid, Orals &amp; R &amp; D</td> <td>May 1981 to March 1982</td> </tr> <tr> <td>Mysore Cosmetics [A unit of KS &amp; DL Govt. of Karnataka Undertaking], Bangalore</td> <td>Works Manager</td> <td>Plant In-charge Manufacturing Mysore Sandal Talc, Cosmetics &amp; Perfumes</td> <td>March 1982 to July 1984</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th><b>Designation</b></th> <th><b>Name of the institution</b></th> <th><b>Courses taught</b></th> <th><b>Period</b></th> </tr> </thead> <tbody> <tr> <td>Principal In-charge</td> <td>St. John's College of Pharmacy, Bangalore</td> <td>B.Pharm &amp; D.Pharm</td> <td>1984 – 1985</td> </tr> <tr> <td>Head of the Dept. of Pharmacy Faculty</td> <td>Seshadripuram College of Pharmacy Bangalore</td> <td>D.Pharm</td> <td>1985 – 1987</td> </tr> <tr> <td>Asst. Professor</td> <td>Al-Ameen College of Pharmacy Bangalore</td> <td>B.Pharm &amp; D.Pharm</td> <td>1987 – 1989</td> </tr> <tr> <td>Vice-Principal, Professor and H.O.D- Pharmacognosy</td> <td>M.S. Ramaiah College of Pharmacy Bangalore</td> <td>B.Pharm &amp; D.Pharm</td> <td>1992 – 1997</td> </tr> <tr> <td>Principal and Professor &amp; H.O.D-Pharmacognosy</td> <td>M.S. Ramaiah College of Pharmacy Bangalore</td> <td>D.Pharm, B.Pharm, M.Pharm, Pharm.D &amp; Ph.D</td> <td>1997 to July 2014</td> </tr> <tr> <td>Dean &amp; Head of the Dept. of Pharmacognosy</td> <td colspan="3">Faculty of Pharmacy Ramaiah University of Applied Sciences – August 2014 onwards</td> </tr> </tbody> </table>				<b>Organization</b>	<b>Position held</b>	<b>Depts. Worked</b>	<b>Period</b>	M/s. Eros Pharma. Pvt. Ltd. Bangalore	Research Analyst	Tablets, Capsules, Liquid, Orals & R & D	May 1981 to March 1982	Mysore Cosmetics [A unit of KS & DL Govt. of Karnataka Undertaking], Bangalore	Works Manager	Plant In-charge Manufacturing Mysore Sandal Talc, Cosmetics & Perfumes	March 1982 to July 1984	<b>Designation</b>	<b>Name of the institution</b>	<b>Courses taught</b>	<b>Period</b>	Principal In-charge	St. John's College of Pharmacy, Bangalore	B.Pharm & D.Pharm	1984 – 1985	Head of the Dept. of Pharmacy Faculty	Seshadripuram College of Pharmacy Bangalore	D.Pharm	1985 – 1987	Asst. Professor	Al-Ameen College of Pharmacy Bangalore	B.Pharm & D.Pharm	1987 – 1989	Vice-Principal, Professor and H.O.D- Pharmacognosy	M.S. Ramaiah College of Pharmacy Bangalore	B.Pharm & D.Pharm	1992 – 1997	Principal and Professor & H.O.D-Pharmacognosy	M.S. Ramaiah College of Pharmacy Bangalore	D.Pharm, B.Pharm, M.Pharm, Pharm.D & Ph.D	1997 to July 2014	Dean & Head of the Dept. of Pharmacognosy	Faculty of Pharmacy Ramaiah University of Applied Sciences – August 2014 onwards		
<b>Organization</b>	<b>Position held</b>	<b>Depts. Worked</b>	<b>Period</b>																																									
M/s. Eros Pharma. Pvt. Ltd. Bangalore	Research Analyst	Tablets, Capsules, Liquid, Orals & R & D	May 1981 to March 1982																																									
Mysore Cosmetics [A unit of KS & DL Govt. of Karnataka Undertaking], Bangalore	Works Manager	Plant In-charge Manufacturing Mysore Sandal Talc, Cosmetics & Perfumes	March 1982 to July 1984																																									
<b>Designation</b>	<b>Name of the institution</b>	<b>Courses taught</b>	<b>Period</b>																																									
Principal In-charge	St. John's College of Pharmacy, Bangalore	B.Pharm & D.Pharm	1984 – 1985																																									
Head of the Dept. of Pharmacy Faculty	Seshadripuram College of Pharmacy Bangalore	D.Pharm	1985 – 1987																																									
Asst. Professor	Al-Ameen College of Pharmacy Bangalore	B.Pharm & D.Pharm	1987 – 1989																																									
Vice-Principal, Professor and H.O.D- Pharmacognosy	M.S. Ramaiah College of Pharmacy Bangalore	B.Pharm & D.Pharm	1992 – 1997																																									
Principal and Professor & H.O.D-Pharmacognosy	M.S. Ramaiah College of Pharmacy Bangalore	D.Pharm, B.Pharm, M.Pharm, Pharm.D & Ph.D	1997 to July 2014																																									
Dean & Head of the Dept. of Pharmacognosy	Faculty of Pharmacy Ramaiah University of Applied Sciences – August 2014 onwards																																											

### UNIVERSITY ASSIGNMENTS

<i><b>Sl. No.</b></i>	<i><b>UNIVERSITY</b></i>	<i><b>APPOINTMENT</b></i>
1	Rajiv Gandhi University of Health Sciences, Karnataka <b>(RGUHS)</b> , Bangalore, India	Dean, Faculty of Pharmacy - Co-ordinated the academic matters relating to 70 Degree colleges, 40 PG colleges and nearly 20 Ph.D centers during the period 2012-2014.  Functioned as :  Member of the Academic Council  Chairman & Member of Ph.D Committee  Chairman & Member of P.G Board of Studies  Chairman & Member of U.G Board of Studies  Member Malpractice Committee  Chairman & Inspector of Local Inspection committee of RGUHS for the B.Pharm, M.Pharm & Pharm.D Courses  Chief Superintendent, Examiner & valuer RGUHS UG & PG Exams Observer for Ph.D evaluation
2	Bangalore University, India	Ex-Member Academic Council & Board of Studies of the B.Pharm Course and as examiner
3	J.S.S Deemed University, Mysore, India	Panel member as examiner
4	NITTE University, Mangalore, India	Ex-Academic Council Member
5	The Tamil Nadu Dr M.G.R Medical University, Chennai, (T.N).	Panel member as examiner
6	S R M Deemed University, Chennai, (T.N).	Panel member as Ph.D evaluator & observer

<b>Research</b>	<ul style="list-style-type: none"> <li>• Interest: Pharmacognostical, Phytochemical and Pharmacological Evaluation &amp; Standardization of Herbal Drugs / Medicinal Plants.</li> <li>• Expertise: Systematic Research to standardize “controversial” medicinal plants used in Ayurveda / Indian Systems of Medicine so that the medical practitioners and manufacturers of herbal products can identify &amp; use the correct species for treating the ailments.</li> </ul>
<b>Publications</b>	<ul style="list-style-type: none"> <li>• Ph.D. Dissertation: <ol style="list-style-type: none"> <li>1. Comparative Pharmacognostical, Phytochemical and Biological activity studies on some selected Medicinal Plants/ Drugs used in Ayurveda.</li> <li>2. Pharmacognostical, Phytochemical and Pharmacological activity studies on some botanical sources of the Ayurvedic drug, Murva.</li> <li>3. Pharmacognostical, Phytochemical and Pharmacological studies on the botanical sources of the Ayurvedic drug, Munditika.</li> <li>4. Sustained Release Microsphere Delivery System of certain NSAIDs.</li> </ol> </li> <li>• National Journal Papers: <ol style="list-style-type: none"> <li>1. Antidiabetic activity of <i>Bauhinia vahlii</i> Wt. and Arn. (Caesalpinaceae), root – a botanical source for the Ayurveda drug Murva. <i>Asian J Pharm Clin Res.</i> 2019; 12(4): 359-362.</li> <li>2. Phytochemical and Antiinflammatory activity of <i>Polygonum barbatum</i>. <i>Journal of Dental and Oro-facial Research</i>, 2018; 14(2): 28-34.</li> <li>3. Hepatoprotective activity of ethanol and aqueous extract of <i>Sansevieria roxburghiana</i> Schult. &amp; Schult. f. (Agavaceae) rhizome on carbon tetrachloride induced hepatotoxicity in rats. <i>IJPR.</i> 2015; 7(3): 56-61.</li> <li>4. Design and optimization of bioadhesive vaginal tablets of acyclovir, <i>Indian Journal of Pharmaceutical Education &amp; Research</i>, 2013.</li> <li>5. Development of novel in-situ liquid bandages of diclofenac sodium, <i>Indian Drugs</i>, 2013.</li> <li>6. Development of ketoprofen tablets using novel bio-binder extracted from lentils, <i>Inventi Rapid: Novel Excipients</i>, 2013.</li> <li>7. Synthesis, characterization and biological activity of novel derivatives of bis pyrazolidine- 3,5- dione tethered with 1,4-dihydropyridine moiety, <i>Contemporary Investigations and Observations in Pharmacy</i>, 2013.</li> <li>8. Development of sustained release buccal tablets of an anti hypertensive drug, <i>Journal of Pharmacy Research</i>, 2012</li> <li>9. Spectrophotometric estimation of acyclovir using hydrotropic solubilisation phenomenon, <i>Journal of Pharmacy Research</i>, 2012</li> <li>10. Development of bioadhesive controlled release ketoconazole vaginal films, <i>Research Journal of Pharmacy and Technology</i>, 2012</li> <li>11. Sustained release matrix tablets of indomethacin using hibiscus rosa sinensis as release retardant, <i>Der Pharmacia Lettre</i>, 2012</li> </ol> </li> </ul>

12. Antimicrobial studies of extended release amoxicillin trihydrate dental gels, *Der Pharmacia Lettre*, 2012
13. Development and evaluation of ketoprofen microsphere loaded hydrogel delivery system, *Inventi Rapid: Pharm Tech*, 2012, 2
14. Spectrophotometric estimation of atenolol using mixed co-solvents, *Inventi Rapid: Pharm Analysis and Quality Assurance*, 2012
15. Bilayered muco-adhesive delivery system for extended release of bisphosphonates, *Journal of Pharma and Biosciences*, 2012
16. A programmable 'Tablet-In-Capsule' drug delivery device for oral administration of propranolol hydrochloride, *RGUHS Journal of Pharmaceutical Sciences*, 2012
17. Formulation and evaluation of effervescent gastroretentive drug delivery system of lansoprazole, *Inventi Rapid: Pharm Tech*, 2012
18. Formulation, optimization and evaluation of a gastrobuoyant multiparticulate system of lansoprazole using hypromellose phthalate, *Inventi Rapid: Pharm Tech*, 2012
19. Development of modified porous starch as a carrier to improve aqueous solubility, *Advances in applied science research*, 2012
20. Release characteristics of drugs from Cross linked tamarind seed polysaccharide matrix tablets, *Der Pharmacia Sinica*, 2011
21. Formulation and evaluation of intragastric floating multi particulate system of aceclofenac, *Der Pharmacia Lettre*, 2011
22. Studies on hibiscus esculentus mucilage as a pharmaceutical excipient, *Journal of Innovative Trends in Pharmaceutical Sciences*, 2011
23. Spectrophotometric estimation and validation of atenolol in tablets by hydrotropic solubilization, *Current Pharma Research*, 2011
24. Application of mixed co solvency concept in spectrophotometric estimation of acyclovir tablets, *Der Chemica Sinica*, 2011
25. Studies on Vigna mungo mucilage as a pharmaceutical excipient, *Journal of Chemical and Pharmaceutical Research*, 2011
26. Application of mixed hydrotropic solubilisation in spectrophotometric estimation of aceclofenac in tablets, *Current Pharma Research*, 2011
27. Formulation and evaluation of ibuprofen tablets using orange peel pectin as binding agent, *Der Pharmacia Lettre*, 2011
28. In-silico ADME and toxicity studies of some novel indole derivatives, *Journal of Applied Pharmaceutical Science*, 2011
29. Benzotriazole in medicinal chemistry : An overview, *Journal of Chemical and Pharmaceutical Research*, 2011
30. Free radical scavenging activity of methanolic extract of Ecbolium viridae (Forssk).Alston roots, *Der Pharmacia Lettre*, 2011
31. Antioxidant potential of methanolic extract of Rhyncosia beddomei BAKER, *Journal of Pharmacy Research*, 2011\*.
32. Pharmacognostical studies on Flinkingeria nodosa (Dalz.) Seindenf. Stem and pseudobulbs – A botanical source of the Ayurvedic drug Jivanti, *Indian Journal of Natural Products and Resources*, 2010\*.
33. Pharmacognostical studies on the leaves of Cocculus hirsutus (Linn.) Diels – Chilahinta, an Ayvedic drug, *Indian Journal of Natural Products and Resources*, 2010\*.
34. Pharmacognostical studies on the root tubers of Asparagus gonocladus Baker- Alternative source for the Ayurvedic drug Shatavari, *Indian Journal of*

*Natural Products and Resources*, 2010\*.

35. Pharmacognostical studies on the rhizome and root of smilax Zeylanica linn.- a potential alternate source for the ayurvedic drug chopachinee, *Indian Journal of Natural Products and Resources*, 2010\*.
36. Pharmacognostical studies on the root of Nothosaerva Brachiata wt.-a botanical source of the ayurvedic drug, pashanabheda, *Indian journal of traditional knowledge*, 2010\*.
37. Evaluation of disintegrant properties of Plantago ovata mucilage in comparison with other super disintegrants, *Archives of Pharmaceutical sciences and Research*, 2010.
38. In-vitro and in-vivo antioxidant activity studies on the leaves of smilax Zeylanica L.(smilacaceae), *Journal of Pharmacy Research*, 2010\*.
39. Microballoons of famotidine: a non-effervescent gastroretentive controlled drug delivery system using eudragit L-100, *Der pharmacia lettre*, 2010
40. Antioxidant activity of roots of hemidesmus indicus Var. Pubescens – an in vitro study, *Pharmacologyonline*, 2010\*.
41. Pharmacognostical evaluation of Drosera burmannii Vahl.(Droseraceae), *Indian Journal of Traditional Knowledge*, 2009\*.
42. Pharmacognostical evaluation of root bark of Streblus asper Lour, *Indian Journal of Traditional Knowledge*, 2009\*.
43. Anti-convulsant activity of aqueous and alcohol extracts of roots and rhizomes of Nymphoides Indica (L.) Kuntze in swiss albino mice, *Journal of Natural Remedies*, 2009\*.
44. Wound Healing activity of aqueous and alcohol extracts of leaves of Colebrookea Oppositifolia Smith, *Indian Drugs*, 2009\*.
45. Dendrimers: a potential polymer of 21st century, *Journal of Pharmacy Research*, 2009
46. Concepts and Techniques of Pharmaceutical Powder Mixing Process: A Current Update, *Research Journal of Pharmacy and Technology*, 2009
47. A Multiple unit floating controlled drug delivery system of famotidine, *Journal of Pharmacy Research*, 2009
48. Pharmacognostical studies of Sankhapuspi (Convolvulus microphyllus Sieb.ex Spreng. And Evolvulus alsinoides L.), *Indian Journal of Traditional Knowledge*, 2008\*.
49. Fingerprinting of plumbagin in Drosera Burmannii Vahl using high performance thin layer chromatography, *Indian Journal of Pharmaceutical Sciences*, 2008\*.
50. Antihyperglycemic activity of alcohol and aqueous extracts of Pandanus fascicularis Lam. Roots in alloxan induced diabetic rats, *Pharmacologyonline*, 2008\*.
51. Antiepileptic activity of alcohol aqueous extracts of roots and rhizomes of Smilax Zeylanica Linn, *Pharmacologyonline*, 2008\*.
52. Evaluation of analgesic activity of root tuber of curculigo orchioides Gaertn., *Indian Journal of Pharmaceutical Education and Research*, 2007\*.
53. Modified pulsincap drug delivery system of Diclofenac sodium, *The Pharma Review*, 2007

- International Journal Papers:
  1. Phytochemical screening and *in vitro* thrombolytic activity of *Clerodendrum phlomidis* roots. International Research Journal of Pharmacy. 2018; 11(9).
  2. Pharmacognostical studies on the rhizome of *Sansevieria roxburghiana* Schult. & Schult. f. – a botanical source for Murva - an Ayurveda drug – Spatula DD. 2015; 5(3):161-169.
  3. Pharmacognostical studies on the roots of *Bauhinia vahlii* Wt. & Arn. – A botanical source for the ayurveda drug Murva. Spatula DD. 2015; 5(2): 103-111.
  4. Pharmacognostical, phytochemical studies and total phenolic content of Munditika – Ayurveda drug (*Sphaeranthus indicus* Linn.). Spatula DD, 2015; 5(2): 1-10.
  5. A Case Report on Varenicline Induced Delirium in an Alcohol and Nicotine Dependent Patient - Indian journal of psychological medicine (2015), 37(3), 355-7.
  6. Antipyretic and antiepileptic activity studies on the roots of *Hemidesmus indicus* (L.) R. Br. var. *pubescens* (Wt. & Arn.) Hook. f - World Journal of Pharmaceutical Research (2015), 4(8), 1267-1282. |
  7. Application of Hydrotropic Solubilization in Spectrophotometric Estimation of Lornoxicam from Tablets - International scholarly research notices (2014), 2014, 810128.
  8. Pharmacological screening of N3,N5-diphenyl-1,4-dihydropyridine-3,5-dicarbohydrazide derivatives for *in vivo* anticonvulsant and sedative activity - International Journal of Research in Ayurveda & Pharmacy (2014), 5(1), 108-114, 7 pp..
  9. Assessment of anticonvulsant and sedative activities AFBIS pyrazolidine-3,5-dione derivatives tethered with 1,4-dihydropyridine moiety - International Journal of Pharmacy and Pharmaceutical Sciences (2014), 6(5), 601-605, 5 pp..
  10. Development of asymmetric membrane capsules of metformin hydrochloride for oral osmotic controlled drug delivery - Asian Journal of Pharmaceutics (2014), 8(1), 8-17, 5 pp..
  11. Spectrophotometric determination of ambroxol hydrochloride in bulk and tablet formulation - World Journal of Pharmacy and Pharmaceutical Sciences (2014), 3(2), 2090-2097
  12. Solubility enhancement of BCS class II antihypertensive drug using solid self emulsification technique - World Journal of Pharmacy and Pharmaceutical Sciences (2014), 3(2), 2179-2192, 14 pp..
  13. Pharmacognostical studies on the leaves of *Basilicum polystachyon* Moench, *Asian Journal of Traditional Medicines*, 2013\*.
  14. Pharmacognostical studies on the leaves of *Ophiorrhiza mungos* Linn. (Rubiaceae), Spatula DD, 2013\*.
  15. Statistical Optimization and *In Vitro* Evaluation of Metformin Hydrochloride Asymmetric Membrane Capsules Prepared by a Novel Semiautomatic Manufacturing Approach, *ISRN Pharmaceutics*, 2013.
  16. Design and Evaluation of Sustained Release Propranolol Hydrochloride Suppositories, *International Journal of Pharmaceutical Sciences Review and Research*, 2013.

17. Studies on Cohesiveness of Isolated Starch from the Seeds of *Cajanas Cajan*, *International Journal of Pharmaceutical and Phytopharmacological Research*, 2013.
18. Development of orodispersible tablets of candesartan cilexetil-beta cyclodextrin complex, *Journal of Pharmaceutics*, 2013.
19. Formulation and evaluation of floating alginate beads of an anti ulcer drug, *International Journal of Pharmaceutical Sciences Review and Research*, 2013.
20. *Vigna Mungo* mucilage - A natural polymer in the design of matrix based SR tablet of aceclofenac, *International Journal of Pharmaceutical Sciences Review and Research*, 2013.
21. Investigations on Mucuna Gum as a Drug Release Encapsulate, *American Journal of PharmTech Research*, 2013.
22. Development of fast dissolving oral strips of propranolol hydrochloride, *International Journal of Drug Targets*, 2013.
23. Development of chemically modified pectin based extended release tablets of nifedipine, *World journal of pharmacy and pharmaceutical sciences*, 2013.
24. Antioxidant and hepatoprotective effects of the roots of *Hemidesmus indicus* (L.) R. Br. var. *pubescens* (W. & A.) Hk. F, *Asian Journal of Traditional Medicines*, 2013.
25. Synthesis and anticonvulsant activities of some novel 1, 3, 4-Thiadiazole, Derivatives, *Medicinal Chemistry & Drug Discovery*, 2013.
26. Virtual toxicity studies of novel 1,4 dihydropyridine derivatives, *International Research Journal of Pharmacy*, 2013.
27. QSAR studies on novel 1, 4-dihydropyridine derivatives, *International Journal of Pharmaceutical Sciences and Research*, 2013.
28. ADME screening of novel 1,4-dihydropyridine derivatives, *International Journal of Research in Pharmacy and Chemistry*, 2013.
29. Synthesis, characterization and biological evaluation of novel N3, N5-diphenyl-1, 4-dihydropyridine-3,5-dicarbohydrazide derivatives, *International Journal of Research in Pharmacy and Chemistry*, 2013.
30. Compression coated tablets of Flurbiprofen: A chronotherapeutic approach, *Journal of Scientific and Innovative Research*, 2013.
31. Sorbitan Monostearate Based Organogels for Topical Delivery of Clotrimazole, *International Journal of Pharmaceutical and Chemical Sciences*, 2013.
32. Pharmacognostical studies on the roots of *Maerua oblongifolia* (Forsk.) A. Rich. (Capparaceae), *Asian Journal of Traditional medicine*, 2012\*
33. Protective effect of the roots of *Capparis sepiaria* Linn. (Himsra) on carbon tetrachloride-induced hepatotoxicity, *Asian Journal of Traditional medicine*, 2012\*.
34. Development and evaluation of aceclofenac loaded ethyl cellulose microspheres, *Asian Journal of Pharmaceutical Sciences*, 2012
35. Protective effects of *Capparis sepiaria* root extracts against acetaminophen-induced hepatotoxicity in wistar rats, *Journal of Complimentary and Integrative Medicine*, 2012\*
36. Design and characterization of gastroretentive microspheres of ketoprofen, *American Journal of PharmTech Research*, 2012
37. Modified multiple emulsion technique for the microencapsulation of diclofenac sodium using olibanum resin as a polymer, *International Journal of Pharmaceutical and Chemical sciences*, 2012

38. Development of sustained release metformin hydrochloride tablets using a natural polysaccharide, *International Journal of Applied Pharmaceutics*, 2012
39. Screening of methanol extract of roots and rhizomes of *Smilax zeylanica* L for hepatoprotective effect against carbontetrachloride induced hepatic damage, *Journal of Experimental and Integrative Medicine*, 2012\*
40. Design and optimization of multiparticulate gastroretentive delivery System of ranitidine hydrochloride, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012
41. Plantago ovata mucilage: A natural release rate retardant in aceclofenac tablet formulation, *American Journal of PharmTech Research*, 2012
42. Development of an analytical method for spectrophotometric estimation of ketoprofen using mixed co-solvency approach, *International Journal of Pharmaceutical Sciences and Research*, 2012
43. Fabrication of matrix core tablet as a bi phasic dual-component delivery system containing aceclofenac, *International Journal of Pharmacy and Biological Sciences*, 2012
44. Protective effects of Hemidesmus indicus var. pubescens root extract on paracetamol induced hepatic damage, *Spatula DD*, 2012\* .
45. Extraction of polysaccharide polymer from *dioscorea trifida* and evaluation as a tablet binder, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012
46. Evaluation of complexed starch-urea-citrate as a novel super disintegrant, *Asian Journal of Biomedical and Pharmaceutical Sciences*, 2012
47. Formulation and evaluation of norfloxacin suspension using fenugreek husk as a natural suspending agent, *International Journal of Pharmaceutical Research and Development*, 2012
48. Novel analytical method for improvement of aqueous solubility of candesartan cilexetil using co-solvency approach, *International Research Journal of Pharmacy*, 2012
49. Synthesis and biological evaluation of 2-(1*h*-Benzotriazol-1-yl) Acetohydrazide containing isatin derivatives, *American Journal of PharmTech Research*, 2012
50. Simultaneous estimation and validation of atorvastatin calcium and aspirin in combined capsule dosage form by RP-HPLC method, *E-Journal of Chemistry*, 2012
51. Synthesis and biological activity of some novel 1, 3, 4-thiadiazole derivatives, *International Journal of ChemTech Research*, 2012
52. Synthesis and pharmacological evaluation of some novel benzotriazoles derivatives containing pyrazolidinedione moieties, *International Journal of Pharmacy and Therapeutics*, 2012
53. Synthesis and antimicrobial activity of some novel pyrrolidine derivatives, *International Journal of ChemTech Research*, 2012
54. Application of hydrotropic solubilization in simultaneous estimation of Atenolol and Amlodipine besylate, *Asian Journal of Research in Chemistry*, 2012
55. Extended drug release retarding effect of aloe vera gel in the design of tablet dosage form, *International Journal of Pharmacy and Biological Sciences*, 2012
56. Development of a novel water soluble  $\beta$ -cyclodextrin-epichlorohydrin polymer complex to improve aqueous solubility, *Journal of Chemical, Biological and Physical Sciences*, 2012



57. Simultaneous estimation and validation of Atorvastatin calcium and nicotinic acid in combined tablet dosage form by RP HPLC method, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012
58. Synthesis and Antibacterial of some new 1,2,3 benzotriazoles derivatives containing pyrazolidinedione moieties, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012
59. Pharmacognostical studies on the rhizome and roots of *Nymphaea indica* (L.) Ktze. - alternate source for Tagara, *Asian Journal of Traditional Medicines*, 2011\*.
60. Sedative activity studies on the aqueous and alcohol extracts of the stem bark of *Madanaphala* – an ayurvedic drug (*Catunaregam spinosa* (Thunberg) Tiruvengadam), *Asian Journal of Traditional Medicines*, 2011\*.
61. Pharmacognostical studies on the leaves of *Colebrookea oppositifolia* Smith, *Asian Journal of Traditional Medicines*, 2011\*.
62. Chemical modification and characterization of pectin as a potential drug release retardant, *International Journal of Research in Ayurveda and Pharmacy*, 2011
63. Evaluation of tamarind seed polysaccharide as a drug release retardant, *International Journal of Pharmaceutical Sciences Review and Research*, 2011
64. Simultaneous estimation and validation of aceclofenac and paracetamol from bulk and tablets using mixed hydrotropic solubilization, *Asian Journal of Biochemical and Pharmaceutical Research*, 2011
65. Spectrophotometric estimation of acyclovir by a novel mixed solvency solubilization concept, *International Journal of Pharmaceutical and Phytopharmacological Research*, 2011
66. Formulation and evaluation of ciprofloxacin dispersible tablets using plantago ovata mucilage in comparison with other superdisintegrants, *International Journal of Chemical Sciences*, 2011
67. HPTLC method for determination of Terbinafine in the bulk drug and tablet dosage form, *International Journal of ChemTech Research*, 2011
68. Drug design and In-silico hepatotoxicity studies of synthesized novel 4-quinolone containing pyrazolidinedione derivatives, *International Journal of ChemTech Research*, 2011
69. High performance thin layer chromatographic estimation of atorvastatin calcium and nicotinic acid in tablet formulation, *International Journal of Pharmaceutical Sciences Review and Research*, 2011
70. In-Silico ADME and toxicity studies of some synthesized novel Isatin derivatives, *International Journal of Pharma and Biosciences*, 2011
71. Synthesis and biological evaluation of some new 2-(2- methyl-5-nitro-1H Imidazol-1-yl)-N'-[(3Z)-2-Oxo-1,2-Dihydro-3H-Indol-3-ylidene] acetohydrazide derivatives, *International Journal of ChemTech Research*, 2011
72. Antioxidant activity of leaf of *Hemidesmus indicus* (L.) R. Br. Var. Pubescens (W. & A.) Hk. f. (Periplocaceae) – an in vivo analysis, *Spatula DD*, 2011\*.
73. In-vitro anti oxidant activity and HPTLC studies on the roots and rhizomes of *Smilax Zeylanica* L. (Smilacaceae), *International Journal of Pharmacy and Pharmaceutical Sciences*, 2011
74. Antipyretic activity studies of two botanical sources of the drug Murva, *Asian Journal of Traditional Medicines*, 2010\*.
75. In Vitro and in vivo antioxidant activity studies on the roots of *Toddalia*

- asiatica(L.) Lam. (Rutaceae), *Asian Journal of Traditional Medicines*, 2010\*.
76. Anti-hyperglycemic activity of alcohol extract of leaves of *Cocculus hirsutus* (Linn.) on alloxan induced diabetic rats, *International Journal of Pharmaceutical Sciences*, 2010\*.
  77. Isapgolh mucilage as a potential natural suspending agent, *International Journal of Research in Ayurveda and Pharmacy*, 2010
  78. Synthesis of novel pyrazolidinedione substituted 4-quinolone derivatives and their biological activity, *International Journal of Pharma Research and Development*, 2010
  79. Isolation and evaluation of Tamarind seed polysaccharide as a natural suspending agent, *International Journal of Pharmaceutical and Biological Archives*, 2010.
  80. Formulation and evaluation of albumin microspheres containing aceclofenac, *International Journal of Pharmaceutical Sciences Review and Research*, 2010
  81. Synthesis and biological studies of 1-(4'-(3-chloro-4-(substituted)-2-oxo-azetidin-1-yl)-biphenyl-4-yl)-iH-quinolin-2-one derivatives, *International Journal of Pharma Research and Development*, 2010
  82. Free radical scavenging effect of leaf of *hemidesmusIndicus* (L.) R. Br. Var. *Pubescens* (w. & a.) Hk.f.(periplocaceae) - an in vitro analysis : a research, *International Journal of Drug Formulation and Research*, 2010\*.
  83. Formulation and optimization of ketoprofen microspheres using response surface methodology, *International Journal of PharmTech Research*, 2010
  84. QSAR, ADME And QSTR Studies Of Some Synthesized Anti-cancer 2-indolinone Derivatives, *International Journal of Pharma and Biosciences*, 2010
  85. Synthesis, Characterization, invitro Antibacterial, Anti-inflammatory Evaluations of Novel 4-Quinolone containing Pyrazolidinedione derivatives, *International Journal of ChemTech Research*, 2010
  86. Formulation and optimization of sublingual tablets of Rabeprazole sodium, *International Journal of Pharmaceutical Sciences Review and Research*, 2010
  87. Microballoons of famotidine: A non effervescent gastroretentive controlled drug delivery system using eudragit S-100, *International Journal of Pharmaceutical Sciences Review and Research*, 2010
  88. Antioxidant effect of roots and rhizomes of *Smilax zeylanica* - an in vivo study, *International Journal of Pharmacy and Technology*, 2010\*.
  89. Pharmacognostical studies on the adventitious roots of *Pandanus fascicularis* Lam.(Pandanaceae), *Asian Journal of Traditional Medicines*, 2009\*.
  90. Antifertility activity of *Drosera burmannii*, *Pharmaceutical Biology*, 2009\*.
  91. Anthelmintic activity of leaf extracts of *Cadaba* species, *Journal of Tropical Medicinal plants*, 2009\*.
  92. Studies on the disintegrant properties of Mucilage and Seed Powder of *Plantago ovata*, *International Journal of ChemTech Research*, 2009
  93. Design and Characterization of Diclofenac sodium tablets containing Tamarind seed polysaccharide as Release retardant, *International Journal of PharmTech Research*, 2009
  94. Sustained ophthalmic delivery of ofloxacin from an ion-activated in situ gelling system, *Pakistan Journal of Pharmaceutical Sciences*, 2009
  95. Synthesis and biological evaluation of novel 2, 5-disubstituted 1,3,4-oxadiazoles tethered with azetidinone moiety, *International Journal of Chemical Sciences*, 2009

96. Hollow microspheres of Diclofenac sodium- a gas retentive controlled delivery system, *Pakistan Journal of Pharmaceutical Sciences*, 2008, 21(4), 451-454
97. Design of drug loaded microballons- A novel controlled gastroretentive delivery system, *International Journal of Chemical Sciences*, 2008
98. Reversed phase HPLC determination of aceclofenac in bulk powder and its pharmaceutical tablets, *Asian Journal of Chemistry*, 2008
99. Development and characterization of oro dispersible tablets of famotidine containing a subliming agent, *Tropical Journal of Pharmaceutical Research*, 2008
100. Antidiabetic activity of curculigo orchioides root tuber, *Pharmaceutical Biology*, 2007\*.
101. Mucoadhesive effect of carbopol on drug release rate from double phased suppositories, *Asian Journal of Pharmaceutics*, 2007
102. Diltiazem loaded chitosan microspheres – A long acting controlled delivery system, *International Journal of Chemical Sciences*, 2007
103. Anticonvulsant and sedative activity of Tagara (Nymphoides macrospermum), *Pharmaceutical Biology*, 2007\*.
104. Pervaporation: An industrial perspective, *International Journal of Chemical Sciences*, 2007
105. Wound healing and antipyretic activity of stem bark of Wrightia tinctoria, *Journal of Tropical Medicinal Plants*, 2006\*.
106. Modification of physical characteristics of dicalcium phosphate by co-drying with  $\beta$ - cyclodextrin - *Indian Drugs* (1999), 36(9), 601-603.

- **National Conference Papers:**

- *In vitro* thrombolytic activity of root extracts of *Clerodendrum phlomidis* L.f., Poster presentation in 1st Pharmaceutical Sciences Congress, Bangalore, March 2017, IACP.
- Hepatoprotective activity of whole plant of *Sphaeranthus amaranthoides* Burm.f. in carbon tetrachloride induced hepatic damage in rats. 2015, 67th IPC, Dec 19-20, Mysuru.
- Antioxidant activity and total phenolic content of whole plant of *Sphaeranthus amaranthoides* Burm.f., 2012, 64th IPC, Dec 7-9, Chennai.

- **International Conference Papers:**

1. "Antidiabetic activity of *Bauhinia vahlii* Wt. and Arn. (Caesalpiniaceae), root – a botanical source for the Ayurveda drug Murva" at 3<sup>rd</sup> international conference, Innopharm3 held in Goa, India during 22-23<sup>rd</sup> October 2018
2. Antidiabetic activity of *Sphaeranthus amaranthoides* Burm.f. root in alloxan induced diabetic rats - A comparative study with the accepted source *S.indicus*, 3rd International Conference in Academic and Industrial Innovations, Innopharm 3, 22nd and 23rd October, Goa, 2018.
3. Hepatoprotective activity of ethanol and aqueous extract of *Maerua oblongifolia* (Forsk.) A. Rich. (Capparaceae) root - a botanical source for Ayurveda drug, Murva" at 8<sup>th</sup> Asian Association of Schools of Pharmacy (AASP) Conference held at JSS University, Mysuru during 27-29 October 2017.

	<ol style="list-style-type: none"> <li>4. Hepatoprotective activity of ethanol extract of <i>Sphaeranthus amaranthoides</i> against Isoniazid induced hepatic damage in rats, 8th Asian Association of Schools of Pharmacy (AASP) conference, JSS University, Mysuru, 27th -29th Oct, 2017.</li> <li>5. "Exploration of hepatoprotective activity of <i>Bauhinia vahlii</i> Wt. &amp; Arn. root – a botanical source for Ayurveda drug, Murva" at 7<sup>th</sup> World Ayurveda Congress &amp; Arogya Expo, Kolkata, December 1- 4, 2016.</li> <li>6. Protective effect of <i>Sphaeranthus amaranthoides</i> against antitubercular induced hepatotoxicity – A botanical source for the Ayurvedic drug Munditika. 7th World Ayurveda Congress and Arogya Expo, 2016, Dec 1-3, Kolkata.</li> </ol> <ul style="list-style-type: none"> <li>● <b>Book Authored:</b></li> <li>● Pharmacognostical Assessment of Novel Potential Medicinal Plants. I.K. International Publishing House Pvt. Ltd., New Delhi, 2018.</li> </ul>
<p><b>Presentations</b> (Detailed list of Presentations)</p>	<ul style="list-style-type: none"> <li>● <b>Invited Lectures:</b></li> <li>● As a resource person in several conferences conducted by Association of Pharmaceutical Teachers of India (APTI)</li> <li>● Conferences (Invited): As a speaker / Chairperson / Moderator in several conferences conducted by Indian Pharmaceutical Congress (IPC)</li> <li>● Conferences (Organized): 1<sup>st</sup> Pharmaceutical Sciences Congress by Indian Association of Colleges of Pharmacy (IACP), 2017 at RUAS.</li> <li>● Coordinated Association of Pharmaceutical Teachers of India (APTI) annual conferences as Treasurer.</li> <li>● Coordinated Indian Pharmaceutical Congress (IPC) as Treasurer, 2012 at Chennai.</li> </ul>
<p><b>Teaching</b></p>	<ul style="list-style-type: none"> <li>● <b>Modules Taught</b> M.Pharm- Advanced Pharmacognosy &amp; Phytochemistry, Herbal Cosmetics, Biotechnology. B.Pharm- Pharmacognosy, Dispensing Pharmacy, Pharmaceutical Business Management.</li> <li>● <b>PG MS Thesis Advised:</b></li> <li>1. Pharmacognostical, Phytochemical and Antidiabetic activity studies on root of Euphorbia Antiquorum Linn.</li> <li>2. Pharmacognostical, Phytochemical and Antidiabetic activity studies on stem of Euphorbia Antiquorum Linn.</li> <li>3. Pharmacognostical, phytochemical, antipyretic and antiepileptic activity studies on roots of Hemidesmus indicus(L.)R. Br. Var. pubescens(Wt. and Arn.) Hook f.</li> <li>4. Pharmacognostical, phytochemical, and antioxidant activity studies on roots of toddalia asiatica(L.) Lam.</li> <li>5. Pharmacognostical, phytochemical, sedative and anti-epileptic activity studies on roots and rhizomes of cryptocoryne spiralis (retz.) fisch. Ex. Wydl</li> <li>6. Pharmacognostical, phytochemical, hepatoprotective activity studies on roots of Capparis sepiaria L.</li> <li>7. Pharmacognostical, phytochemical, antioxidant activity studies on roots of Toddalia Asiatica (L.) Lam</li> <li>8. Pharmacognostical, phytochemical and antipyretic activity studies on the</li> </ul>

- roots of watakaka volubilis (L.f.) Stapf
9. Pharmacognostical, phytochemical and sedative activity studies on the stem bark of Catunaregam spinosa (Thunb.) Tirven
  10. Pharmacognostical, phytochemical and pharmacological studies on the roots of Helicteres isora L.
  11. Pharmacognostical, phytochemical and pharmacological studies on the roots of Homonoia riparia Lour
  12. Pharmacognostical, phytochemical and pharmacological studies on roots of Triumfetta Rhamboidea Jacq
  13. Pharmacognostical, phytochemical and pharmacological studies on the roots of Nothosaerva brachiata wight
  14. Pharmacognostical, phytochemical and pharmacological studies on the leaves of Colebrookea oppositifolio Smith
  15. Pharmacognostical, phytochemical and pharmacological studies on the rhizome and roots of Smilax Zeylanica Linn.
  16. Pharmacognostical, phytochemical and pharmacological studies on Drosera Burmanii Vahl
  17. Pharmacognostical, phytochemical and pharmacological studies on Flinckingeria Macraci Lindl
  18. Pharmacognostical, phytochemical and pharmacological studies on leaves of Cocculus Hirsutus Linn.
  19. Pharmacognostical, phytochemical and pharmacological studies on root bark of Streblus Asper Lour
  20. Pharmacognostical, phytochemical and pharmacological studies on stem bark of Wrightia Tinctoria R. Br.
  21. Pharmacognostical, phytochemical and pharmacological studies on root tuber of Curculigo Orchioides Gaertn

**PhD Dissertation Advised: (Detailed List)**

1. Pharmacognostical, Phytochemical and Pharmacological activity studies on some botanical sources of the Ayurvedic drug, Murva.
2. Pharmacognostical, Phytochemical and Pharmacological studies on the botanical sources of the Ayurvedic drug, Munditika.
3. Sustained Release Microsphere Delivery System of certain NSAIDs.

**Professional Memberships:**

- |                |   |   |
|----------------|---|---|
| a) Life Member | : | Association of Pharmaceutical Teachers of India [APTI]            |
| b) Life Member | : | Indian Pharmaceutical Association [IPA]                           |
| c) Life Member | : | Association of Community Pharmacists in India                     |
| d) Life Member | : | Karnataka State Pharmacy Council                                  |
| e) Member      | : | As the Chairman, Institutional Animal Ethics Committee, FPH, RUAS |
| f) Member      | : | Member of the Inspectors of Pharmacy Council of India, New Delhi  |

<b>Achievements</b>	<ul style="list-style-type: none"><li>• Coordinated the establishment of an academic &amp; research institution imparting Pharmacy education namely M.S. Ramaiah College of Pharmacy in the year 1992. This institution got the ranking of 11<sup>th</sup> Pharmacy institution in the country in the year 2015 out of nearly 1008 Pharmacy colleges imparting various Pharmacy courses in one magazine survey. In this research institution successfully carried out research activities on herbal drugs relating to Pharmacognosy, Pharmacology &amp; Phytochemistry and standardized 22 medicinal plants used in Ayurveda &amp; brought out a book namely "Pharmacognostical Assessment of Novel Potential Medicinal Plants" to benefit the stakeholders.</li><li>• <b>Reviewer</b> for the International Journal – Pharmaceutical Biology, Published by Taylor &amp; Francis, Philadelphia, U.S.A</li><li>• <b>Reviewer</b> for the Indian Journal of Pharmaceutical Education &amp; Research Published by All India Pharmacy Teachers Association of India, Bangalore</li><li>• <b>Chairman / Co-chairman</b> for APTI &amp; IPC Conferences &amp; Scientific Sessions relating to Pharmacognosy.</li></ul>
---------------------	--