

Dr. Raman Dang
Principal, Krupanidhi College of Pharmacy, Bengaluru

Chikkabellandur, Varthur Hobli, Carmelaram Post

Bengaluru – 560035 , Karnataka state- India

Personal Mobile: 9945846106

ramandang2017@gmail.com

Education, training, experience and expertise in research areas pursued:

Education Qualification: M.Pharm, Ph.D, MBA

University	Degree	Year	Class	Field of Specialization
Bangalore University	B.Pharm	1992	I Class	Pharmacy
Hamdard University, New Delhi	M.Pharm	1995	I Class	Pharmacognosy & Phytochemistry
Bangalore University, Bangalore.	Ph.D	2003	-	Pharmaceutical Sciences.
Indira Gandhi National Open University, New Delhi	MBA	1998	I Class	Marketing and Management
Catalyst Institute, New Delhi	Clinical Data Management	2008	I Class	Clinical data management and Research

Teaching Experience:

UG: 29 Years

PG: 25 Years

Research Experience	25 Years
Administrative Experience	24 Years

Employment Record (starting from present position)

University/College	Designation	Period
Krupanidhi College of Pharmacy, Bengaluru	Principal	18 th July, 2022 till Date
KLE College of Pharmacy, Bengaluru	Principal	November 2019 – July, 2022
Delhi Pharmaceutical Sciences and Research University (DPSRU), (under the Government of National Capital Territory, Delhi)	Registrar (2 years tenure based)	2017 - 2019
Krupanidhi College of Pharmacy, Bangalore	Professor and Principal	2013 to 2017
Al-Ameen College of Pharmacy, Bangalore	Professor, Department of Pharmacognosy and Phytochemistry	2003 - 2013
Al-Ameen College of Pharmacy, Bangalore	Asst. Professor Department of Pharmacognosy and Phytochemistry	1999 - 2003
Dayananda Sagar College of Pharmacy, Bangalore	Lecturer	1995-1999
Dayananda Sagar College of Pharmacy, Bangalore	Lecturer	1992-1993

Expertise in research areas:

- 1) Formulation and evaluation of Novel drug delivery systems/Herbal formulations
- 2) Drug Delivery Devices
- 3) Pharmaceutical Practices & Policies
- 4) Bioavailability studies
- 5) Pharmacokinetic studies
- 6) Improving the use of medicines
- 7) Therapeutic monitoring of drugs
- 8) Plant tissue cultures of Medicinal and Aromatic plants.
- 9) Phytochemical studies of Medicinal and Aromatic plants.
- 10) Standardization and validation of Medicinal Plants.

List of Publications in Indian Journals

1. **Raman Dang** and K.L.K. Paranjyothy, Quality Focus in the New Millenium, Pharma Pulse, 15th January, 1998.
2. **Raman Dang**, K.L.K.Paranjyothi and Shobha Rani R.H.“Cleaning Validation of Liquid Orals” in Indian Journal of Pharmaceutical Sciences, May-June 2002.
3. **Raman Dang**, Method of Standardization and Tissue Culture of *Ocimum basilicum*, Proceedings of Global Summit on Medicinal Plants, 25th – 30th September, 2003, 134135.[After peer review]
4. **Raman Dang**, Sachin, B.G.Shivananda, Salma Khanam Tissue Culture studies on *Withania somnifera* for production of withanolides, Proceedings of International conference on Botanicals at Kolkata after peer review. 2005.
5. Kuntal Das, **Raman Dang**, Salma Khanam, B.G.Shivananda and P.E. Rajashekaran. In vitro methods for production of stevioside from *Stevia rebaudiana*, Indian.J. Natural Products, 2005, 21(1); 14-15.
6. **Raman Dang**, Rizwan, Salma Khanam, Shobha Rani, Sudhir, Formulation and Evaluation of Herbal Drugs for Anti-acne activity, Pharma Review, Vol 3, No 16, June 2005, 77-82.
7. **Raman Dang**, J.S. Sabitha, B.G. Shivananda, Antimicrobial activity of Herbal drugs used in Psoriasis, Pharma Review, 3, No. 17, August 2005, 71-73.
8. Brijesh Kumar, **Raman Dang** and H.N.Shivaprasad, Necessity of Standardization and Quality Control of Herbal Drugs and Formulations, Planta Indica, Vol 1, No 4, Oct 2005.
9. T. Roopashree and **Raman Dang**, Psoriasis and Herbal Drugs, Pharma Review, Jan, 2006, 7378.
10. Roopashree TS, Salma Khanam and **Raman Dang**. Production of volatile oil constituents, Linalool from the static cultures of *Ocimum basilicum*. Biomed, 1(1) April-June 2006. pp. 6973.
11. Aftab Alam and **Raman Dang**. In-vitro anticariogenic activity of five selected medicinal plants against *Streptococcus* mutants, *Lactobacillus lactis* and *Actinomyces viscosus*. Biomed, 1(1) April-June 2006. pp. 59-62.
12. Kuntal Das*, **Raman Dang** and P.E. Rajasekharan. “Establishment and maintenance of callus of *Stevia rebaudiana* under aseptic environment”. Natural Product Radiance, 2006, 05(5); 373-376.
13. **Raman Dang**, Sabitha J S and Shivananda B G. Screening antibacterial activity of *Calendula officinalis*, *Wrightia tinctoria*, *Cassia tora* and *Azadirachta indica* on *Staphylococcus aureus* and *Escheriichia coli*. Biomed, 1(1) April-June 2006. pp. 56-58.
14. **Raman Dang**, Sabitha JS and Shivananda BG, “Antimicrobial activity of selected herbal plants” Biomed, 2006.
15. Roopashree TS, Salma Khanam, **Raman Dang** and Shivananda TN “Histological and histochemical analysis of callus from different explants of *Ocimum basilicum*” Biomed. 2006.
16. Kuntal Das, **Raman Dang**, And Shivananda TN. Effect of major nutrients on biomass production and Stevioside content of *Stevia rebaudiana*. Biomed, 1(1) April-June 2006. pp. 22-25

17. Aftab Alam and **Raman Dang** “evaluation of herbal toothpaste gel and herbal mouth rinse with commercial formulations – an In-vitro study” Biomed, 01 (02) July-Sept, 2006, 194-199.
18. Satish H, **Raman Dang** “Antirolithiatic herbal drugs – a review” Biomed, 01 (02) July-Sept, 2006, 95-119.
19. Kuntal Das, **Raman Dang**, T.N.Shivananda, 2007. “Effect of pesticides on biomass yield and stevioside content of *Stevia rebaudiana*- A green house study” Biomed Journal, April-June, 2007, 2(1); 23-25.
20. Kuntal Das*, **Raman Dang**, T.N.Shivananda and Laxinarayan Hegde, “Effect of biofertilizers on bio mass yield of *Stevia rebaudiana*”, Bio-Med, Oct-Dec, 2007, 02 (03); 278-282.
21. Roopashree T.S, “Study on the effect of process variables for extracting *Calendula officinalis* by placket-burman design” Pharma Review. April-May, 2008.
22. Kuntal Das*, **Raman Dang**, Nagesh Ghanshala and P.E. Rajasekharan “In vitro establishment and maintenance of callus of *Taxus wallichiana* Zucc. For the production of secondary metabolites”. Natural Product Radiance. 2008, 7(2): 150-153.
23. Kuntal Das* and **Raman Dang**, “Pharmacognostical studies on *Stevia rebaudiana* Bert., BioMed, Oct-Dec, 2009, 04 (04); 411-417.
24. Kuntal Das, **Raman Dang**, Rizwan Ahmad and P.E. Rajasekharan. “Effects of phytohormones on growth phase study of in vitro established callus of *Podophyllum hexandrum* Royle”, The Pharma Review. Sep, 2009, 137-141.
25. Kumar N, Mueen Ahmed KK, **Dang R**, Shivananda TN, Das K. “GC-MS Analysis of Propolis of Indian Origin”. J of Young Pharmacists. 2009, 1(1): 46-48.
26. Kuntal Das, **Raman Dang**, Harish Shah, T. N. Shivananda and Syed Bilal. Evaluation of Antifungal activity of various extract of *Holarrhena antidysenterica* Roxb., BioMed, 2010. 5(1).
27. Kuntal Das, **Raman Dang**, Manjunath U Machale and Santosh Fatepuri. “Formulation and Evaluation of Herbal Gel Containing *Stevia* Leaves Extract,” The Pharma Review, MarchApril, 2010, 112-118.
28. Kuntal Das, **Raman Dang**, Harish Shah, T. N. Shivananda and Syed Bilal. Evaluation of Antifungal activity of various extract of *Holarrhena antidysenterica* Roxb., BioMed, 2010. 5(1).
29. Kuntal Das, **Raman Dang**, Manjunath U Machale, Ugandar RE, Lalitha BR. “Evaluation for safety assessment of formulated vanishing cream containing aqueous *Stevia* extract for topical application”. Indian J of Novel Drug Delivery, Jan-Mar, 2012; 4(1): 43-51.
30. Kuntal Das, **Raman Dang**, Guruprasad Sutar V, John Wilking Einstein, Ranjit Kumar Paul, Tanmoy Karak. Influence of metals in soil on the comparative phytochemical characterization and antioxidant study of Indian golden shower (*Cassia fistula*). Indian Journal of Pharmaceutical Education and Research, Jul-sept.(Suppl.), 2016; 50 (3): S266S279.
31. Das K, **Dang R**. Influence of Demographic Location and Solvent Extraction on Pharmacognostical Assessment and Identification of Conessine Content in Different Parts of *Holarrhena antidysenterica* through HPTLC analysis. Indian J of Pharmaceutical Education and Research. 2017; 51(3):427-35.

32. Reddy KA, Kunchithapatham J, **Dang R**, Ramnarayanan C. Design and Development of Darunavir Loaded Self Micro Emulsifying Drug Delivery System using Extreme Vertices Mixture Design in a Quality by Design Framework. Indian Journal of Pharmaceutical Education and Research. 2020 Apr 1; 54(2):337-48.
33. Rajeswari R, Guru Prasad M, Shobha Rani H, Chandramouli R, **Raman Dang**, Manjiri S Gharat. Dynamic method for Liaison of community pharmacists with national programme for tuberculosis control: efforts to harness untapped opportunities. IJPER. 2020; 54(3): 809-818.
34. Kavitha AN, Raman Dang, Design and Development of Darunavir loaded self micro emulsifying drug delivery system using extreme vertices mixture design in a quality by design framework, Indian Journal of Pharmaceutical Education and Research 2020, 54(2), 337- 349
35. Kavitha AN , Janakiraman, Raman Dang, A Structural framework for Developing Self Emulsifying Drug Delivery System through Quality by Design Approach, Asian Journal of Pharmaceutics, 2020, 14(3), 308 – 318
36. Kavitha AN , Raman Dang. A new Validated RP- HPLC method for the Estimation of Darunavir Ethanolate in Bulk and Tablets, Asian Journal of Pharmaceutics, 2020, 14 (4), 652 - 661

List of publications in International Journals

1. R. Zafar, **Raman Dang**, Mubeeb. “Tissue culture of Ocimum basilicum”. Fitoterapia. 1997; 68: 245-250.
2. Kuntal Das, **Raman Dang**, T.N Shivananda and Pintu Sur, Interaction effect between Phosphorus and zinc on their availability in soil in relation to their contents in Stevia (*Stevia rebaudiana*). The Scientific World JOURNAL, 2005, 5; 490-495.
3. Kuntal Das, **Raman Dang**, T.N Shivananda and Pintu Sur, Interaction between Phosphorus and zinc on the biomass yield and yield attributes of the medicinal plant Stevia (*Stevia rebaudiana*)”, The Scientific World JOURNAL, 2005, 5; 390-395.
4. Kuntal Das*, **Raman Dang** and T.N. Shivananda “Effect of N, P and K fertilizers on their availability in soil in relation to the Stevia plant (*Stevia rebaudiana* Bert.)” Archives of Agronomy and Soil Science, 2006, 52(6); 679- 685.
5. Kuntal Das, **Raman Dang**, T.N.Shivananda and Nazim Sekeroglu, “Comparative efficiency of bio- and chemical fertilizers on nutrient contents and biomass yield in medicinal plant Stevia rebaudiana Bert” International Journal of Natural and Engineering Sciences, 2007, 1(3): 35-39 .
6. **Raman Dang** and Kuntal Das, “Establishment and maintenance of callus culture of Stevia rebaudiana”, Studii Si Cercetari, Universitatea din Bacau, Biologie, 2007, 12: 37-40.
7. Kuntal Das, **Raman Dang**, T.N.Shivananda and Nazim Sekeroglu. Influence of bio-fertilizers on the biomass yield and nutrient content in Stevia rebaudiana Bert. grown in Indian subtropics. Journal of Medicinal Plants Research. 2007; 1(1), 005-008.
8. Kuntal Das*, **Raman Dang** and T.N.Shivananda. “Influence of bio-fertilizers on the availability of nutrients (N, P and K) in soil in relation to growth and yield of *Stevia*

- rebaudiana* grown in South India”. International Journal of Applied Research in Natural Products. Healthy Synergies Publications. 2008, 1(1): 20-24.
9. Roopashree T.S, **Raman Dang**, Sobharani RH “ Anti Bacterial activity of Anti Psoriatic Herbs – Cassia tora, *Mamordica charantia* and *Calendula officinalis*”. International Journal of Applied Research in Natural Products. 2008; 2: 20-28.
 10. Kuntal Das*, **Raman Dang** and T.N.Shivananda. “Influence of bio-fertilizers on the availability of nutrients (N, P and K) in soil in relation to growth and yield of *Stevia rebaudiana* grown in South India”. International Journal of Applied Research in Natural Products. Healthy Synergies Publications. 2008, 1(1): 20-24.
 11. Roopashree TS, **Raman Dang**, Shobha Rani RH and Narendra C. Antibacterial activity of antipsoriatic herbs: Cassia tora, *Momordica charantia* and *Calendula officinalis*. International Journal of Applied Research in Natural Products. 2008, 1(3), 20-28.
 12. Roopashree T.S, **Raman Dang**, Sobharani RH “Optimizing the process variables for extracting seeds of Cassia tora by Plekett Burman Design and evaluation of antibacterial activity”. International Journal of Chemical Sciences. 6(3), 2008, 1355-1367.
 13. Kuntal Das*, **Raman Dang** and Nilesh Gupta. “Comparative antimicrobial potential of different extracts of leaves of *Stevia rebaudiana* Bert”. International Journal of Natural and Engineering Sciences, 2009, 03(01): 59-62.
 14. Roopashree TS*, , Shobha Rani RH and Narendra C Acute oral toxicity studies of antipsoriatic herbal mixture comprising of aqueous extracts of *Calendula officinalis*, *Momordica charantia*, Cassia tora and *Azadirachta indica* seed oil. Thai J. Pharm. Sci. 33 (2009) 74-83.
 15. Kuntal Das*, **Raman Dang** and T.N. Shivananda. “Effect of bio-fertilizers on the nutrient availability in soil in relation to growth, yield and yield attributes of *Stevia rebaudiana* Bert.”, Archives of Agronomy and Soil Science, 2009, 55 (04): 359-366.
 16. Kuntal Das*, **Raman Dang** and Manjunath U Machale. Formulation and evaluation of a novel herbal gel of *Stevia* extract, Iranian J of Dermatology, Winter Issue-2009, 12 (4): 117-122.
 17. H Satish, Dang Raman, Devi Kshama, BG Shivananda, KA Shridhar. Study the relative effect of spironolactone and different solvent extract of *Tribulus terrestris* on urolithiatic rats. Pharmacognosy Magazine. July 2009, 5(19):83-89.
 18. Kuntal Das* and **Raman Dang**. “Influence of biofertilizers on stevioside content in *Stevia rebaudiana* grown in acidic soil condition,” Archives of Applied Science research, 2010, 2 (4): 44-49.
 19. Satish H*, **Raman Dang**, Kshama Devi, Shivananda B. G. and Shridhar K. A. In-vitro antilithiatic activity study of *Tribulus terrestris* fruits and *Boerhaavia diffusa* roots. Der Pharmacia Lettre, 2010, 2(3): 12-20.
 20. Kuntal Das* and **Raman Dang**. “Influence of biofertilizers on stevioside content in *Stevia rebaudiana* grown in acidic soil condition,” Archives of Applied Science research, 2010, 2 (4): 44-49.
 21. Kuntal Das, **Raman Dang**, Laxminarayan Hegde and A.S. Tripathi. “Assessment of heavy metals in dried *Stevia* leaves by Atomic Absorption Spectrophotometer grown under various soil conditions”. Middle-East Journal of Scientific Research, 2011, 8(1): 107-113.

22. Syed Asadulla, **Raman Dang** and Rajashekar. Tissue Culture and Random samples seed beats of *Embelia ribes* Burm. f. with Characterisation, Evaluation and Standarisation. International congress Pharmacy graduates. 2012, ID-24, page no:66.
23. Kuntal Das, **Raman Dang** and Shobha Rani R. Hiremath. Effect of cultural conditions on relative sweetness of *Stevia* cultivated under acidic soil zone of South India. International Journal of Agricultural and Food Science, 2012, 2(3): 108-114.
24. Syed Asadulla, **Raman Dang** and Rajashekar. Preliminary Phyto chemicals investigation of *Embelia ribes*. IJRPC. 2013; 3(2): 389-391.
25. Kuntal Das, **Raman Dang**. Influence of biofertilizers on protein, moisture and ash content in relation to swelling property, water absorption capacity, mineral elements, total phenolic level of *Stevia* (*Stevia rebaudiana* Bert.) plant grown under acidic soil zone of South India. International Letters of Natural Sciences. 2014, 1: 78-97.
26. Kuntal Das*, **Raman Dang**, Nagesh Ghanshala, P.E. Rajasekharan. Phytochemical investigations of in vitro propagated plant *Taxus wallichiana* Zucc. An endangered anticancer medicinal plant of Indian origin. Annals of Phytomedicine. 2015; 4(2): 59-66.[IF: 1.021].
27. Babu MP, **Raman Dang**, Kuntal Das*, Phytochemical investigation and characterization of antimicrobial activity of bioguided fractionated leaves of *Agave Americana* L. Annals of Phytomedicine. 2015; 4(1): 61-67.[IF: 1.021].
28. Shilpashree VK, Kuntal Das*, Evaluation of phytochemical investigation and Immunomodulatory activity of four different plant species of Vidari by carbon clearance test on Wister rats. Annals of Phytomedicine. 2015; 4(1): 94-98. [IF: 1.021].
29. Sajitha Puthalath, **Raman Dang**, Kuntal Das*, Total safety management through standardization of formulated ayurvedic Kajal using *Eclipta alba* and *Vernonia cinerea* herbs. World Scientific News. 2015; 5: 32-44.
30. Shilpashree VK, **Raman Dang** and Kuntal Das*, “Pharmacognostic authentication and constituents’ validation by HPLC for four different plant species of Vidari marketed in India”. South pacific journal of Pharma and Bio Science. 2015; 3(1): 217-229.
31. Kuntal Das*, Rekha R, Yahya Ahmed S, **Raman Dang**. Effect of seasonal variation and solvent systems on estimation of phytochemicals and screening of anthelmintic activity of *Kydia calycina* Roxb. Leaf. Advances in Biomedicine and Pharmacy. 2016; 3(6): 358-365.
32. Kuntal Das*, Someswar Deb, Thejaswini Karanth, Sabita Upreti, **Raman Dang**. Effect of cultural condition on element contents in raw material vis-à-vis impact of solvent nature on estimation of phytochemicals and screening of anthelmintic activity of *Melia dubia* Cav. leaf. Annals of Phytomedicine. 2016; 5(2): 58-68.
33. Kuntal Das*, C Vasudeva, **Raman Dang**. Economical novel formulation and evaluation of herbal oils for mosquito and house fly repellent activities. Annals of Phytomedicine. 2016; 5(2): 91-96.
34. Kuntal Das*, **Raman Dang**, Harish S. Effect of cultural condition and solvent extraction on pharmacognostical assessment and identification of scopolamine content in different parts of *Datura metel* Linn. through HPTLC analysis. Annals of Phytomedicine. 2016; 5(1): 43-50.
35. R. Chandramouli, D. Sathyanarayana, **Raman Dang**, Ranganath Muthu Drug Infusions by Model Predictive Control using Computational Therapeutic Models, Asian J Pharm, Jul - Sep 2018 (Suppl) • 12 (3) | S859- 862

35. R. Chandramouli , D. Sathyanarayana, **Raman Dang** , Ranganath Muthu, Infusions of Potent Vasoactive Drugs using Computational Therapeutic Models in Critical Care Setups - A Modeling and Simulation Study, Asian J Pharm Oct-Dec 2018 (Suppl) 12 (4) | S1339 – 44 DOI:
36. R. Chandramouli , D. Sathyanarayana, **Raman Dang** , Ranganath Muthu Drug Infusions by Model Predictive Control using Computational Therapeutic Models, Asian J Pharm, Jul -Sep 2018 (Suppl) • 12 (3) | S859- 862
37. R. Chandramouli , D. Sathyanarayana, **Raman Dang** , Ranganath Muthu, Proportional Resonance and Fractional order Proportional Integral Derivative based Closed-loop Drug Infusion for the Regulation of Mean Arterial Pressure in Critical Care Patients – A Modelling and Simulation Study, Asian J Pharm Jan-Mar 2020 • 14 (1) | 44 – 50
38. R. Chandramouli , D. Sathyanarayana, **Raman Dang** , Ranganath Muthu Model Predictive Control based Closed Loop Drug Infusion Device in Critical Care setups using computational therapeutics – A Modelling and Simulation Study , Int J Pharm Res, Special Issue 2019,
39. Kavitha AN, Raman Dang, Quality by Design based Development of Etravirine Self micro emulsifying Drug Delivery System , International Journal of Applied Pharmaceutics, 2021. 13 (3), 103 - 111

Review articles

1. Kuntal Das, **Raman Dang**, Salma Khanam and B.G. Shivananda. “Stevia in India - A Comparative study”, Indian. J. Natural Products, 2004, 20(3) 3-7.
2. Kuntal Das, **Raman Dang**, Salma Khanam and B.G. Shivananda. “Honey plant Stevia”, Pharma Times, 2004, 36(5); 27-29.
3. Kuntal Das and . “Stevia- A sugar substitute for diabetic patients”, Crop Research, 2005, 30(3); 305-308.
4. Kuntal Das, **Raman Dang** and T.N. Shivananda. “Stevia (Stevia rebaudiana)- A sugar substitute for Indian subtropics”, J. Interacademia, 2005, 9(2); 302-308.
5. Nilesh Kumar, **Raman Dang**, Kuntal Das and Mueen Ahmed KK. Unani System of Medicine: Introduction and Challenges. Ethnobotanical Leaflets 13: 269-72. 2009.
6. **Raman Dang**, J.S. Sabitha, B.G. Shivananda, Antimicrobial activity of Herbal drugs used in Psoriasis, Pharma Review, 2005, 3 (17): 71-73.
7. Brijesh Kumar, **Raman Dang** and H.N.Shivaprasad, Necessity of Standardization and Quality Control of Herbal Drugs and Formulations, Planta Indica, 2005, 1 (4): 2005.
8. Satish H, **Raman Dang** “Antirolithiatic herbal drugs – a review”. Biomed, 2006, 01 (02): 95119.
9. **Raman Dang**, Sabitha JS and Shivananda BG, “Antimicrobial activity of selected herbal plants” Biomed, 2006.
10. T. Roopashree and **Raman Dang**, Psoriasis and Herbal Drugs, Pharma Review, Jan, 2006, 7378.
11. Syed Asadulla and **Raman Dang**. Pharmacognosy of Embelia ribes Burm f. IJRPC 2011; 1(4): 1236-1251.

12. Syed Asadulla, **Raman Dang** and Rajashekar. Tissue Culture Techniques And Types In Relation To Embelia ribes In vitro Process. IJRPC 2012; 2(1): 27-31.
13. Syed Asadulla, **Raman Dang** and Rajashekar. Taxonomy & Flower Stages in Embelia ribes Burmf. IJRPC. 2012; 2(2): 488-494.
14. Shalini Kapoor Mehta, **Raman Dang**, Naira Nayeem. Potential clinical benefits of adaptogens or resistogens in stress related disorders. International j of medical and applied sciences. 2015, 4(2): 281-301.

Books/ Book Chapters

1. Kuntal Das, **Raman Dang**, Roopashree T.S and Shyamla Vaskaran, “Recent advances in medicinal plants in diabetes treatment” in “ Recent progress in Medicinal Plants (Multi volume series)” , Vol- 19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2007 Sep; pp. 151-191.
2. Roopashree T.S, **Raman Dang**, Kuntal Das and Shyamla Vaskaran, “ Recent advances in herbal drugs with special reference to Cassia tora” , Vol- 19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-13, 2007 Sep; pp. 137-150.
3. **Raman Dang**, Kuntal Das and Tripathi A.S. “Plants allergens and allergenic substances”. Published by NISCAIR, New Delhi. 2008.
4. **Raman Dang**, Kuntal Das and Tripathi A.S. “Hallucinogens, narcotics and common poisonous plants of India”. Published by NISCAIR, New Delhi. 2008.
5. **Raman Dang**, Suresh Kumar, Reecha Madaan and Deepak Kumar Authored a Book on Herbal Drug Technology, Published by Unanti Publications
6. **Raman Dang**, Community Pharmacy & Management- Smart book with Teachers

Papers presented in Conferences/meetings/workshops:

Indian: 51

International: 38

Guest lecture/invited lecture/chaired the sessions:

1. Chaired (Moderated) the scientific oral and plenary session at the 4th conference of Medicinal & Aromatic Plants of South-East European Countries, Iasi, Romania during 28-31 May 2006
2. Chaired (Moderated) the scientific oral and plenary session at the 4th conference of Medicinal & Aromatic Plants of South-East European Countries, Iasi, Romania during 28-31 May 2006
3. Chaired the scientific oral session at the 3RD Global Summit on Medicinal and Aromatic Plants held at Chaingmai, Thailand during 21st November to 24th November 2007.
4. Chaired the scientific poster session at the 59th Indian Pharmaceutical Congress held at Varanasi, India, during 20th December to 23rd December 2007.
5. Chaired the scientific poster session at the 59th Indian Pharmaceutical Congress held at Varanasi, India, during 20th December to 23rd December 2008.
6. Chaired (Moderated) the scientific oral and plenary session at Shanghai, China, Oct, 2008.
7. Chaired the scientific poster session at the 60th Indian Pharmaceutical Congress held at New Delhi, India, during 1-3rd December 2008.
8. Chaired the scientific poster session at the 61st Indian Pharmaceutical Congress held at Ahmedabad, India, during 11th to 13th December 2009.
9. Chaired the scientific oral session at the 6th Conference on Medicinal and Aromatic Plants of Southeast European Countries at Antalya, Turkey during 18th April to 22nd April 2010.
10. Chaired (Moderated) the scientific oral and plenary session at the 6th conference of Medicinal & Aromatic Plants of South-East European Countries, Antalya, Turkey during 18th -23rd 2010.
11. Chaired a Scientific Session at IPC,2011 held at Bangalore
12. Chaired a Scientific Session at IPC,2011 held at Bangalore
13. Was an Invited speaker for the Symposium held at Kilis, Turkey and talked about Influence of Nano Technology on biofertilizers in 2012.
14. Was an Invited speaker for the Symposium held at Kilis, Turkey and talked about Influence of Nano Technology on biofertilizers in 2012.
15. Was an Invited speaker for the International Symposium held at Cyprus, Turkey and talked about Phytochemical studies, Formulation and Clinical Investigations of Stevia grown under various soil conditions in April 2013.
16. Chaired a Scientific oral session at MESMAP-2013 at Cyprus, Turkey in April 2013.
17. Chaired in international conference of ethno pharmacology. 2013.
18. Chaired a Scientific oral session at MESMAP-2013 at Cyprus, Turkey in April 2013.
19. Chaired in international conference of ethno pharmacology. 2013.
20. Was an Invited speaker for the International Symposium held at Cyprus, Turkey and talked about Phytochemical studies, Formulation and Clinical Investigations of Stevia grown under various soil conditions in April 2013.

21. Chaired a scientific oral session at 'MESMAP-2', an international conference on medicinal and aromatic plants in Turkey from 24- 26th April, 2015.
22. Was an invited speaker in 'MESMAP-2', an international conference on medicinal and aromatic plants in Turkey from 24- 26th April, 2015.
23. Was an invited speaker at APTI convention-Indore, October, 2015.
24. Co-Chaired the session at IPC-Mysore, December 2015.
25. Chaired a scientific oral session at 'MESMAP-2', an international conference on medicinal and aromatic plants in Turkey from 24- 26th April, 2015.
26. Was an invited speaker in 'MESMAP-2', an international conference on medicinal and aromatic plants in Turkey from 24- 26th April, 2015.
27. Appointed chairperson for RAK-APTI International convention at Rasal Al Khaimah, UAE, 29th Feb, 2016.
28. Appointed chairperson for oral session during 21st Annual National convention of APTI at Manipal University, Manipal, 14th to 16th October, 2016.
29. Delivered invited Key note address on Nutraceuticals at MESMAP-3, Cyprus, Turkey, April, 2017.
30. Chaired a Scientific Session at IPC New Delhi, 2018
31. Delivered invited address on Immunomodulatory effect of Herbals at MESMAP-6, Turkey, October, 2020.
32. Chaired a Scientific Session at APTICON DIT, Dehradun, 2019
33. Chaired a Scientific Session at IPC Chennai, 2019
34. Delivered many invited talks online (Approx 35) during April 2020 – March 2021
35. Invited Chair for the Scientific Session at JSS, Mysuru APTICON, Sept, 2022
36. Chaired a Scientific Session at IPC, Nagpur, Jan 2023
37. Delivered an Invited Talk at the International Conference of Teechnovation on Production and Processing of Medicinal Plants, Isfahan, Iran, Jan, 2023

Innovation and original ideas in Research

a) Standardization of agro-techniques and phytochemical investigations of *Stevia rebaudiana*:

Natural products are the most consistent and successful source of the drugs in India. Stevia is a non caloric natural source alternative to artificial sugar substitutes, was originated from South America in early 20th century. Stevioside is one of the major active constituent (diterpene glycoside) obtained from the leaves of *Stevia rebaudiana* (10-15% in dry leaves) with 25—350 times sweetness. Rebaudioside (1-3% in dry leaves) is 350-450 times sweeter while that of fresh healthy leaves are 30 times sweeter than table sugar.

Stevioside stimulates insulin secretion via direct action on beta cells of pancreas. It plays a potential role as hypoglycemic agent in the treatment of type-II diabetes mellitus by managing safely along with diet. Apart from it also uses as digestive tonic, weight lose tonic, dental and skin care, antioxidant, antimicrobial activity etc. These beneficial effects focused

the importance of Stevia cultivation. Cultivation offers an opportunity to exploit the various desired species, varieties, disease resistant plants and pure line breeding of the plants by growing them in the natural field condition to get optimum biomass yield as raw materials. Quality of raw materials helps for the production of secondary metabolite at larger quantities. Since India is a land of agriculture with various climatic features and there are no such improved development strategies and production techniques, so it is required to develop a schedule for cultivation parameters for optimum biomass yield of Stevia plant.

b) Tissue culture and phyto-chemical investigations of natural anti-cancer drugs.

Tissue culture of Tree turmeric (*Coscinium fenestratum*) plant which is red labeled endangered plant is very challenging and the work is in process. The work is financially supported by Rajiv Gandhi University of Health Sciences, Bangalore.

Natural products are the most consistent and successful source of the drugs in India. Herbal drug therapy remains one of the most living traditions which are practiced for the treatment of diseases and disorders. Taxol, a highly functionalized diterpene, is obtained mainly from dried inner bark of various species of *Taxus*, mainly *T. brevifolia* and *T. baccata*. They are relatively rare and slow growing trees also the yield is very low (0.01-0.03%).

Two semi synthetic derivatives of Podophyllotoxin i.e. Etoposide and Teniposide are used for used for treatment of cancer. Since total synthetic approach for commercial acceptance is unlikely, a continued supply of taxol and podophyllotoxin from natural sources must be assured. Hence the biotechnological production of taxol and podophyllotoxin has been considered as a potential alternative source for anticancer drugs.

c) Innovations in the area of Pharmacognosy, Phytochemistry and Biotechnology

Pharmacognosy and Phytochemistry mainly deals with biological, biochemical, therapeutic and economic features of natural drugs and their chemical constituents. Even we are moving with great pace in the 21st century, Herbal medicine, cosmetics, Ayurvedic dosage form and research in the field of herbal formulation are of great interest. Medicinal, nutraceutical and culinary herbs are receiving scientific attention for their health promoting properties. Therefore it is need of time to explore into area of systematic knowledge about herbal drugs. In recent year, popularity of natural drug is considered as an important contribution of Pharmacognosy in modern medicine.

Many are of wild species that often exist as long-lived perennials that are heterozygous outcrossers in heterogeneous populations. Sustainable delivery of plant materials without degrading native populations requires modern propagation technologies that may include in vitro conservation banks, cryopreservation, or slow growth tissue cultures. Tissue culture

techniques have been developed for such a diverse group of plants that these methods are assumed to be universally applicable.

- I was Instrumental in setting up standardization and validation protocols for herbals through HPTLC. Many medicinally important drug constituents from the natural products were analyzed and quantified using HPLC and HPTLC since the year 2001. I have been providing Drug information to many industry types like Juggat Pharma, Strides Acrolabs.
- I was instrumental in setting up plant tissue culture lab since the year 2001. Many standard protocols for in vitro cultures have been developed in our laboratory for many important endangered plants. My project title “Micro propagation and in vitro culture of *Decalapis hamiltoni* has received grant of rupees 10 lakhs from All India Council of Technical Education under Research Promotion scheme. Many proposals has been given to Indian and International Scientist for setting up improvised Plant tissue culture labs like, Indian Institute of Horticultural Research, In-vitro culture institute at Vienna, Austria.
- I have carried out several projects in collaboration with many of the leading industries and Agriculture institutes as follows:
 - Isolation and method validation of essential oils in formulation of mosquito repellent activity with Green Chem lab.
 - Comparative study of the mature and immature tubers of the *Ipomoea mauritiana* with FRLHT (Foundation for Revitalisation of Local Health Traditions).
 - Isolation and characterization of chemical constituents of *Crataeva nurvala* as markers, with Natural Remedies, India.
 - Tissue culture studies on *Withania somnifera* for production of withanolides, with IIHR (Indian Institute of Horticultural Research), India.
 - Development of nutraceuticals from edible sea weed, with CFTRI ([Central Food Technological Research Institute](#)), India.
 - Research on protection of endangered medicinal species for plants of Romania through In vitro cultures with University of Bacau, Romania.
 - Collaborative detail research through book chapters with NISCAIR (National institute of science communication and information resources).
 - Collaborative detail research through book chapters in Recent progress in Medicinal Plants (Multi volume series)”, Published by Studium Press, LLC, USA.
 - Comparative Pharmacognostic & Bioactivity studies of species used as Vidari, and Formulation, Standardization of Ayurvedic eye product, Kajal along with the toxicity/allergenic studies, with FRLHT (Foundation for Revitalisation of Local Health Traditions).
 - Development of herbal formulations and their clinical evaluation in Psoriasis, with collaboration for clinical trials in Government Ayurvedic College, India.
- All the above research projects were the first of their kind to be taken up and carried out in Bangalore.

- I have been able to identify many irregularities in therapy of various disorders and have attempted to correct the same by via of documentation, giving information to clinicians , pointing to the existing practices of medicine in the hospitals where the studies were taken up for natural product research and emphasizing the need for change wherever required.

Experience in the essential methodology and reasoning in experimental approach

From the year 1992 till now, I have been working in the area of herbal drug research through different modes and new innovative methods.

I have been working in the area of Plant tissue culture of medicinally important endangered plants and standardization and validation of protocols for plant extraction and phytochemical research since 15 years. From the initial projects which involved the development of static cultures for various *Ocimum* species. I have developed standard protocols for organogenesis, micropropagation, suspension cultures for mass production. Recently we are standardizing immobilization techniques for root cultures of *Decalepis hemiltoni* and developing mass cell cultures using bio reactor. I have gained over the years' experience and expertise in the area of in vitro cultures, standardization and validation of industrial processes for production of standard herbal commercial products.

Significance of Research

Herbal drugs are source of greater structural and molecular diversity. There are great scopes for herbal medicines which can treat many of the conditions for which no treatment is available in allopathic system of medicine like psoriasis by minimizing adverse effects avoiding relapses, providing convenient and economical usage.

Clinical projects are being taken up in the area of clinical pharmacokinetics (chronopharmacokinetic studies of anti-hypertensives and psoriasis), ADR monitoring, study of use of herbal formulations in hospitals in various skin infections, dental caries and anti cancer drugs. Proper Herbal drug utilization, evaluation studies, therapeutic monitoring of narrow therapeutic index drugs such as glycosides and quality of life studies in psoriasis. All of these studies have significantly contributed to better patient care and made the clinicians and hospital authorities take notice of the importance of standard herbal drug formulations.

Many short-term projects are ongoing with collaboration with green chem., Teleradiology, Natural Remedies lab for establishment of new pharmacological activities.

Future Directions

Recent years have been great orientation of many national and International pharmaceutical industries toward the herbal drugs. Industrial applications of a formulation will trigger further research on the production of plant derived beneficial compounds. Further breakthroughs in herbal drugs research will accelerate production of more useful formulations comprising of natural

products, compounds utilizing this technology. The proposed research program aims to contribute to the research in terms of providing remedy for the patient, curing the dreaded disease psoriasis and other diseases in an economical, convenient and effective ways. We are aiming for formulation of a poly herbal product for its great scope for commercialization.

Guidance of research students

No. of PhD and M.Pharm guided: 37M. Pharm and 06 PhD student

Environment – Interaction with Scientific Community Important workshops/conferences attended

Workshops Attended

1. Attended the Zonal workshop on “The Challenges ahead of Pharmacists in the New Millennium “organized by Pharmacy Services at Christian Medical College and Hospital, Vellore on 1st and 2nd February 2002.
2. Attended a “Foundation course in ICH-GCP” organized by Dept. of Pharmacy Practice, AlAmeen College of Pharmacy in association with APTI and ClinTec International held at Bangalore, during 22nd – 24th April, 2002.
3. Attended a “Training of Teachers’ Program” organized by Indian Society of Technical Education (ISTE) at Al-Ameen College of Pharmacy, Bangalore, during 28th – 30th October, 2002.
4. Attended the second “Workshop on restructuring PG – Pharmacy Curriculum” organized by RGUHS, Bangalore at Al-Ameen College of Pharmacy, Bangalore on 10th & 11th February, 2003.
5. Attended 1 day workshop for revision of M. Pharm Syllabus at Al-Ameen College of Pharmacy, Bangalore in April 2003.
6. Attended the workshop on “Research Methodology, Biostatistics and Ethical aspects of Research “conducted by RGUHS, R & D Cell on 25th and 26th Aug 2004 at Bangalore.
7. Workshop on biostatistics held at Al-Ameen College of Pharmacy, conducted by RGUHS, April 2007.
8. Workshop on Effective thesis writing and career Prospects in pharmaceutical Sciences, held at Al-Ameen College of Pharmacy, AICTE sponsored, June 2008.
9. Workshop on Developing Quality Monographs for Pharmacopoeia for herbs and Herbal Products, 4th -5th Sep, 2009.
10. Member Curriculum and faculty development workshop for Rajiv Gandhi University of Health Sciences-2016.
11. Member for PCI workshop on Curriculum development and uniform syllabus framing and implementation, 2016.
12. Workshop Coordinator–Indian Association of Colleges of Pharmacy, Module 10 , dated 4th to 6th Nov, 2016.

13. Convener and coordinator for the RGUHS-APTI sponsored short term course in educational methodology, 2016 - 2017.
14. Attended and participated in PCI sponsored leadership training program at Trivandrum between 1st to 3rd May, 2017.
15. Attended and Participated Actively - Workshop on Teachers Training, New Delhi – 2018
16. Workshop on Educational Methodology – FDP, 2019, KLE, Bangalore
17. UDEHP Workshop for Teachers on Various Scientific Aspects, 2020, KLE, Bangalore
18. Attended and Actively Participated in many FDPs online(Approx 30), May 2020 – April 2021

Conferences – Attended and Participated (National) – 40

Conferences- Attended and Participated (International) - 20

Workshops/ Conferences Organized:

1. APTI 11th National Annual convention, Bangalore, during 1st, 2nd & 3rd September, 2006.
2. 59th Indian Pharmaceutical Congress, Varanasi, 20th - 23rd December, 2007.
3. Workshop on Effective thesis writing and career Prospects in pharmaceutical Sciences, held at Al-Ameen College of Pharmacy, AICTE sponsored, June 2008.
4. Workshop on Developing Quality Monographs for Pharmacopoeia for herbs and Herbal Products, 4th -5th Sep, 2009. Convener for Rajiv Gandhi University of Health Sciences (RGUHS) Workshop on research methodology held at RGUHS campus, 2015.
5. Convener and program coordinator for APTI and RGUHS workshop on short course of education methodology, held at Government college of Pharmacy, 2016.
6. Workshop Coordinator–Indian Association of Colleges of Pharmacy, Module 10, dated 4th to 6th Nov, 2016.
7. Convener and coordinator for the RGUHS-APTI sponsored short term course in educational methodology, 2016 - 2017.
8. Convener for Women’s Day-8th March, 2017.
9. Convener- APTICON, 2017- Nashik, 7th and 8th Oct, 2017.
10. Convener- 69th IPC- Chitkara, Near Chandighad, 22nd to 24th Dec, 2017.
11. 22 APTICON, Organizing Secretary at Noida, April 2018
12. Convener – APTICON October 2018 at Jaipur
13. Convener – APTICON October 2019 at DIT Dehradun
14. Organizing Secretary for 133 Education Methodology Programs, FDP and numerous ICT Program held under the Banner of APTI April 2020 to March, 2021
15. Convener and part of the core team for organizing 25th APTICON at JSS, Mysuru, Sept, 2022
16. Member IPCA, Active role for the conduct of IPC at Nagpur, Jan, 2023
17. Core Team Member for the conduct of APTI’s 1st Women Leadership Conclave at Goa, April, 2023

Visiting Faculty:

1. Strides Acrolabs, Bangalore for teaching Microbiology and Biotechnology, in collaboration with BITS, Pilani
2. Academic council member for University of Texilla-2016 till Date

Collaborative Research

1. Comparative study of the mature and immature tubers of the *Ipomoea mauritiana* with FRLHT (Foundation for Revitalisation of Local Health Traditions).
2. Isolation and characterization of chemical constituents of *Crataeva nurvala* as markers, with Natural Remedies, India.
3. Tissue culture studies on *Withania somnifera* for production of withanolides, with IIHR (Indian Institute of Horticultural Research), India.
4. Development of nutraceuticals from edible sea weed, with CFTRI (Central Food Technological Research Institute), India.
5. Research on protection of endangered medicinal species for plants of Romania through In vitro cultures with University of Bacau, Romania.
6. Collaborative detail research through book chapters with NISCAIR (National institute of science communication and information resources).
7. Collaborative detail research through book chapters in Recent progress in Medicinal Plants (Multi volume series)", Published by Studium Press, LLC, USA.
8. Comparative Pharmacognostic & Bioactivity studies of species used as Vidari, and Formulation, Standardization of Ayurvedic eye product, Kajal along with the toxicity/allergenic studies, with FRLHT (Foundation for Revitalisation of Local Health Traditions).
9. Development of herbal formulations and their clinical evaluation in Psoriasis, with collaboration for clinical trials in Govn. Ayurvedic College, India.
10. Development of herbal formulations and their clinical evaluation in Psoriasis, Collaboration with Dept of Pharmaceutics.
11. Collaborative work with Green chem and Natural Remedies for herbal drug discovery.
12. Collaboration with Teleradiology and Colombia Asia for clinical and formulary standardization.
13. Collaborative work with Wipro for herbal drug discovery.

Awards and Professional Accolades:

1. Gold Medal for Topping in Karnataka State for the Award of Diploma of Pharmacy.
2. Best Paper Award at IPC, Indore.
3. 1st runners up award for the paper titled "Cleaning Validation" at 61st FIP Conference held at Singapore, 2001.
4. 2nd Prize for the paper titled Stevia – A wonder Plant at APTI International Convention, Vizag, October, 2004.
5. Best Oral paper award for the paper titled Tissue culture of *Ocimum basilicum* at the international conference on botanicals held at Kolkata during 25th & 26th feb, 2005.

6. Best poster paper award for the paper titled Interaction between phosphorous and zinc on the biomass yield attributes of the medicinal plant *Stevia rebaudiana*, at 10th National APTI convention, Nagpur during 17th and 18th October, 2005.
7. Eminent teacher award during 21st APTI Annual National Convention, 14th to 16th October, 2016 at Manipal.
Awarded International Fellowship for meritorious work in the field of Environmental Sciences in 2018
8. Fellowship – Awarded in admiration and Recognition of Contributions to Academic and Societies, 2019 by Association of Pharmaceutical Research
9. Best Principal Award, PRISAL International Conference – 2022, Thailand
10. International Fellowship by Association of Medicinal and Aromatic Plants of Mediterranean (AMAPMED) for the Commendable Contributions to the Medicinal and Aromatic Plants Education and Research, 2023. Remarkd sd Ambassador of Education by AMAPMED, Turkey, 2023

Professional upliftment & social outreach activities

1. Elected General Secretary of Students Association, Krupanidhi College in 1987.
2. Was the President of Leo Club of Krupanidhi Institutions in 1988.
3. Always adjudged to be the most Outstanding Student in Academics, Cultural Activities, Behaviour, Discipline and Leadership.
4. Topped in the college in 2nd, 3rd and 4th year of B.Pharm with University ranks.
5. Received various letters of Merit during the Studentship and Practical Training of B.Pharm and M.Pharm.
6. Cleared GATE Examination with a score of 80 percentile.
7. Was NSS Joint Coordinator for Al-Ameen College of Pharmacy.
8. Was joint coordinator for AICTE-ISTE sponsored workshop held at Al-Ameen College of Pharmacy.
9. Is on the Editorial Board of the APTI Bulletin.
10. Was co-ordinator for APTI (KB).
11. Is on the Editorial Board of Pharmacy Practice Bulletin.
12. Is on the editorial board of Indian Cosmetic Technologists Association (ICTA) Bulletin.
13. Joint Secretary of Indian Cosmetic Technologists Association.
14. Responsible for development of Medicinal Garden in most modern fashion at Al-Ameen College of Pharmacy, Bangalore.
15. Convener of Indian Cosmetic Technologists Association.
16. Expert Faculty for AICTE, QIP Programmes.
17. Drug Inspector for Karnataka State Pharmacy Council (KSPC) for the Karnataka State.
18. Association of Pharmaceutical Teachers of India (APTI)- Co-ordinator 19. Reviewer for Indian Journal of Pharmaceutical Education
20. Reviewer Journal of Ethanopharmacology.
21. Delivered Guest Lectures at various Prime Institutes and AICTE Goverened Quality Improvement Programme.
22. Handling many important and confidential work at the institute and university level.

23. Played A Key Role in developing protocols for Accreditation.
24. Associated Editor for Biomed Journal.
25. Member for Ph.D registration committee, Rajiv Gandhi University of Health Sciences.
26. Convener for Workshop on Developing Quality Monographs for Pharmacopoeia for herbs and Herbal Products.
27. Convener for International Herbal Conference, Bangalore-2008.
28. Reviewer for International Journal of Biologie- Romania- 2009.
29. Was on the International Scientific Advisor panel of 6th conference of Medicinal & Aromatic Plants of South-East European Countries, Antalya, Turkey during 18th -23rd 2010.
30. Was on the International Scientific Advisor panel of Medicinal Plants Conference held in Bosini, 2011.
31. On the Board of 64th IPC, 2012 as Chairman Information and web committee.
32. APTI Sponsored National Quiz Coordinator during 64th IPC, 2012.
33. Was on the International Scientific Advisor panel of International Conference on Medicinal Plants and Traditional System held at Kotkata, 2012.
34. Reviewer of International Journal of Pharmaceutical Sciences, Turkey- 2012.
35. Nominated as Joint secretary for APTI, 2013.
36. Involved in the reframing of syllabus of Rajiv Gandhi University of Health Sciences, for M. Pharm -2013.
37. Indian Pharmaceutical Congress (IPC) Scientific core Committee member from 2013 onwards.
38. Co-coordinator society for Ethanopharmacology (Karnataka branch), 2013.
39. Associate editor for Indian Journal of Pharmaceutical Education and Research (IJPER)- 2013.
40. Managing editor International Journal of Pharmaceutics - 2013.
41. Editorial team member for Indian Journal of Pharmacy Practice (IJOPP)- 2013.
42. Appointed as the Member PhD review committee by the Rajiv Gandhi University of Health Sciences. 2014.
43. Appointed as paper setter for Goa and Rajiv Gandhi University of health sciences., 2014.
44. Was Member for Ph.D registration committee, Rajiv Gandhi University of Health Sciences for two terms and nominated again from 2014 onwards.
45. Nominated member faculty of Pharmacy for Rajiv Gandhi University of Health Sciences (RGUHS) from 2014 onwards.
46. Nominated member Ph.D and research committee for the third time from 2014 onwards for Rajiv Gandhi University of Health Sciences.
47. Member PGCET cell of Rajiv Gandhi University of Health Sciences- 2014.
48. Joint Secretary Association of Pharmaceutical Teachers of India (APTI)- central branch- 2014.
49. International Board member of MESMAP-2015, April, to be held at Antalya, Turkey.
50. Appointed as BOS chairman for PG section, by Rajiv Gandhi University of Health Sciences, Bangalore, 2015.(RGUHS)
51. Secretary Karnataka Pharmacy Principals Association.

52. Member Curriculum and faculty development for Rajiv Gandhi University of Health Sciences.
53. On the board of many accrediting and statutory bodies.
54. **Nominated as Secretary for Association of Pharmaceutical Teachers of India (APTI)-2016.**
55. Member for PCI- Curriculum development and uniform syllabus framing and implementation, 2016.
56. BOS Member- Dayananda University, Bangalore, 2016.
57. Workshop Coordinator–Indian Association of Colleges of Pharmacy, Module 10 , dated 4th to 6th Nov, 2016.
58. Scientific Board member of IPC-2016, December, to be held at Vizag, India.
59. Academic council member for University of Texilla-2016.
60. Convener and coordinator for the RGUHS-APTI sponsored short term course in educational methodology, 2016 - 2017.
61. International Board member of MESMAP-2017, April, to be held at Cyprus, Turkey.
62. Attended and participated in PCI sponsored leadership training program at Trivandrum between 1st to 3rd May, 2017.
63. Invited as subject Expert for selection of candidates for the post of Asst. and Assoc. Professor, Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi, on 3rd June, 2017.
64. Member Board of Governors, DPSRU, New Delhi 2017- 2019
65. Member General Council DPSRU, New Delhi 2017- 2019
66. Member Board of Studies, DPSRU, New Delhi – 2019- 2022
67. Chairman IQAC, KLE, Bangalore – 2019- 2022
68. Member UDEHP, KLE University – 2019 – 2022
69. Member BOS, KLE University- 2019- 2022
70. Member Faculty of Pharmacy, KLE University – 2019 – 2022
71. Member Academic Council, KLE University – 2019 – 2022
72. Secretary Principals Association of Karnataka – 2015 - 2017
73. EC member Principals Association of Karnataka, 2022 onwards
74. Re nominated as APTI Secretary from July, 2022 to 2027
75. Member Secretary – Grievance Committee (National) APTI – 2023 onwards
- 76.

Grants received

1. Recipient of AICTE, Govt of India, research grant of 10.0 lakhs for “Phytochemical and Tissue culture studies on *Decalepis hamiltonii*. “ in the year 2007.
2. Recipient of RGUHS, Bangalore, research grant of 1.5 lakhs for “Phytochemical and histological studies of *Coscinium fenestratum* through in vitro propagation”, in the year 2015.
3. Actively involved in Generating Grants upto 1 Crore at Various institutes – Al- Ameen, Krupanidhi, KLE

EDITOR AND REVIEW BOARD MEMBER:

- Is on the **Editorial Board** of the Association of Pharmaceutical Teachers of India (APTI) Bulletin - **2002**.
- **Reviewer** for Indian Journal of Pharmaceutical Education and Research- **2005**.
- **Reviewer** Journal of Ethano Pharmacology- **2006**.
- **Associated Editor** for Biomed Journal- **2007**.
- Was on the **Editorial Board** of Pharmacy Practice Bulletin- **2007**.
- Was on the **editorial board** of Indian Cosmetic Technologists Association (ICTA) Bulletin- **2008**.
- **Reviewer** for *International Journal of Biologie- Romania*- **2009**.
- On the **Editorial board** of *Indian Journal of Pharmaceutical Education and Research(IJPER)* – **2010**.
- **Associate editor** Association of Pharmaceutical Teachers of India (APTI) Bulletin- **2010**.
- *Member Ayurvedic regional Pharmacopoeia Committee for Karnataka*- **2010**.
- **Editorial board** member for the journal of Pharmaceutical Sciences published by Rajiv Gandhi University of Health Sciences (RGUHS)- **2012**.
- **Reviewer** of *International Journal of Pharmaceutical Sciences, Turkey*- **2012**.
- **Managing editor** Journal of Pharmaceutical Research - **2013**.
- **Editor board** member for *Annals of Phytomedicine, an International journal*-**2015**.
- **Managing editor** for *Indian Journal of Pharmaceutical Education and Research (IJPER)*- Since **2016** till date
- **Managing editor** for *Indian Journal of Pharmacy Practice (IJOPP)*- Since **2016** till date
- APTI Bulletin, Editor since 2015 till date
- Shaping up of APTI Women Forum Newsletter since 2015 till date

Role at KLE since 2019

- Responsible for increase intake for B. Pharm seats from 60 to 100.
- Restarted Diploma with a good response.
- Introduced two new PG Courses one in Pharmaceutical Analysis and one in Pharmacognosy
- Responsible for Bringing out College Magazine and PharmD Newsletter
- Sphere headed the process of NAAC – A+, NBA 6 yrs.,
- AICTE CII with Platinum Ranking, NIRF in top 100 Nationally
- Channelizing our energies to get ISO Certification.
- The Placement Job Fair is on the Cards.
- Strengthening Innovation Cell for better Start ups

- In process Funded AICTE Industry Institute Partnership cell.
- Responsible for Start of Two Value Added Courses
- Major Emphasis on Teaching Learning with University Ranks
- Research and Grants are always on the main focus.
- Have our own YouTube Channel. Have developed numerous ICT content
- Responsible for organizing nearly 300 FDPs, Workshops, Seminars with APTI

Role at Krupanidhi since July 2022

- Major emphasis of Teaching Learning and Research
- Sphere Heading the process of NAAC as Chairperson
- NIRF
- NBA
- Focus on Placements and Training
- ISO Audits
- College Magazine and Pharm D Newsletter
- Started M. Pharma in Pharmacognosy and increase intake for M.Pharm Quality Assurance
- Having the Secretariat of Association of Pharmaceutical Teachers of India (APTI) at Krupanidhi has a huge Advantage to get more Recognition nationally and internationally. We have two Scopus Indexed Journals to our Credit, Two News Letters and a very active Women's Forum. We are one of the Federating body of Indian Pharmaceutical Council Association (IPCA)

MAJOR STRENGTH:

Approachable at all times and an effective team leader.

Dr.Raman Dang

Place: Bengaluru

Date: 04/05/2023

References:

Dr. B. Suresh: 9448062378

Dr. MD Karvekar: 9448811994