

Biodata

Name: Dr. Raman Dang

Designation: Professor

Qualifications: M. Pharm, Ph. D, MBA

Professional Interests: Teaching & Research

Research Interests: Plant Tissue Culture, Phytochemistry & Clinical Evaluations



Recognition Received:

- **Gold Medal** for Topping in Karnataka State for the Award of Diploma of Pharmacy. 1988.
- **Best Paper Award** at IPC, Indore. 1999.
- **1st runners up** award for the paper titled "Cleaning Validation" at 61st FIP Conference held at **Singapore**, 2001.
- **2nd Prize** for the paper titled Stevia – A wonder Plant at APTI International Convention, **Vizag**, October, 2004.
- **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.
- **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.
- **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
- **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.
- **Chaired** the scientific poster session at the 59th Indian Pharmaceutical Congress held at Varanasi, India, during 20th December to 23rd December 2008.

Current Professional Activities:

Academics: Teaching

Research: Guiding M. Pharm & Ph. D students

Others

Elected **General Secretary** of Students Association, Krupanidhi College in 1987.

- Was the **President of Leo Club** of Krupanidhi Institutions in 1988.
- Always adjudged to be the **most Outstanding Student** in Academics, Cultural Activities, Behaviour, Discipline and Leadership.
- **Topped** in the college in 2nd, 3rd and 4th year of B.Pharm with University ranks.
- Received various **letters of Merit** during the Studentship and Practical Training of B.Pharm and M. Pharma.
- **Cleared GATE Examination** with a score of 80 percentile.
- Was **NSS Joint Coordinator** for Al-Ameen College of Pharmacy.
- **Was joint coordinator** for AICTE-ISTE sponsored workshop held at Al-Ameen College of Pharmacy.
- Is on **the Editorial Board** of the APTI Bulletin.
- Was **co-ordinator** for APTI (KB).
- Is on the **Editorial Board of Pharmacy Practice Bulletin**.
- **Is on the editorial board** of Indian Cosmetic Technologists Association (ICTA) Bulletin.
- **Joint Secretary** of Indian Cosmetic Technologists Association.
- Responsible for development of Medicinal Garden in most modern fashion at Al-Ameen College of Pharmacy, Bangalore.
- **Convenor** of Indian Cosmetic Technologists Association.
- **Expert Faculty** for AICTE, QIP Programmes.
- **Drug Inspector** for Karnataka State Pharmacy Council (KSPC) for the Karnataka State.
- Association of Pharmaceutical Teachers of India (APTI)- **Co-ordinator**
- **Reviewer** for Indian Journal of Pharmaceutical Education
- **Reviewer** Journal of Ethanopharmacology.
- **Delivered** Guest Lectures at various Prime Institutes and AICTE Governed Quality Improvement Programme.
- **HANDLING MANY IMPORTANT AND CONFIDENTIAL WORKS AT THE INSTITUTE AND UNIVERSITY LEVEL.**
- **PLAYED A KEY ROLE** in developing protocols for Accreditation.

Took classes for Diploma, Undergraduate and Postgraduate Pharmacy Students, also conducted and evaluated Theory and Practical Examinations and coordinated the university examination work for valuation.

- Worked as Community & Hospital Pharmacist.
- **Approved M.Pharm and Ph. d Guide** for Rajiv Gandhi University of Health Sciences , India.
- Presently working as **Professor** in the department of Pharmacognosy & Phytochemistry, Al-Ameen College of pharmacy.
- **Appointed M. Pharm and Ph. D Examiner, Paper setter, Valuator at various universities through out India.**
 - **Appointed** Deputed Chief for Post Graduate And Graduate University Examinations.

Current Research Activities:

M. Pharm Projects:

- Isolation and characterization of chemical constituents of *Crataeva nurvala* as markers
- Comparative study of the mature and immature tubers of the *Ipomoea mauritiana*
- Formulation and evaluation of herbal drugs used in Psoriasis
- Phytochemical, pharmacological and antimicrobial studies on *Cassia senigera*
- Tissue culture and Phytochemical investigations on *Taxus* species
- Preparation and evaluation of herbal oral hygiene products
- Tissue culture studies on *Withania somnifera* for production of withanolides
- Optimization of Stevioside production through improved agro. Techniques and tissue culture of *Stevia rebaudiana*
- Development of nutraceuticals from edible sea weeds
- Tissue culture studies on *Withania somnifera* for the production of withanolides
- Comparative phytochemical study of *Rauwolfia* under various conditions
- Tissue culture studies of *Ocimum basilicum*
- Phytochemical and antimicrobial investigations on leaves of *Agave americana* Linn
- Formulation, Standardization of Ayurvedic eye product, Kajal along with the toxicity/allergenic studies.

- Comparative Pharmacognostic & Bioactivity studies of species used as Vidari
- Comparative Pharmacognostic and Biological evaluation for the use of Dhataki as a substitute for Yashtimadhu in Gastric ulcer.

Ph. D Projects:

- Phytochemical and Tissue culture studies on *Decalepis hamiltonii*.
- Development of herbal formulations and their clinical evaluation in Psoriasis
- Phytochemical studies, formulations and clinical investigations of *Stevia rebaudiana* growing under various soil conditions
- Effect of extracts and isolated constituents of *Tribulus terrestris* and *Boerhaavia diffusa* on urolithiatic rats

Experience & work responsibilities:

Academics:

UG Level: 15 yrs

PG Level: 12 yrs

Guest Lectures Delivered: 05

Research Projects Completed: AICTE Sponsored RPS project in progress

Industrial: 06 Months

Books Authored: Authored four book chapters, two for NISCAIR & two for International publisher

Papers Published:

International:

- 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
- 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

- 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 .
- 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.
- 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.
- 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.
- 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.
- **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.**
- Kuntal Das, **Raman Dang** and T.N. Shivananda. “Stevia (*Stevia rebaudiana*)- A sugar substitute for Indian subtropics”,***J. Interacademia***, 2005, 9(2); 302-308.
- Kuntal Das and **Raman Dang**. “Stevia- A sugar substitute for diabetic patients”, ***Crop Research***, 2005, 30(3); 305-308.
- **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.

- Zafar, **Raman Dang**, Mubeeb. “Tissue culture of *Ocimum basilicum*”. **Fitoterapia**. 1997; 68: 245-250.

National:

- 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.
- Kuntal Das^{*}, **Raman Dang**, T.N.Shivananda and Laxminarayan Hegde, “Effect of biofertilizers on biomass yield of *Stevia rebaudiana*”, **Bio-Med**, Oct-Dec, 2007, 02 (03); 278-282.
- 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.
- Satish H, **Raman Dang** “Antiuro lithiatic herbal drugs – a review” **Biomed**, 01 (02) July-Sept, 2006, 95-119.
- 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.
- 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
- Roopashree TS, Salma Khanam, **Raman Dang** and Shivananda TN “Histological and histochemical analysis of callus from different explants of *Ocimum basilicum*” **Biomed**. 2006.
- **Raman Dang**, Sabitha JS and Shivananda BG, “Antimicrobial activity of selected herbal plants” **Biomed**, 2006.

- **Raman Dang**, Sabitha J S and Shivananda B G. Screening antibacterial activity of *Calendula officinalis*, *Wrightia tinctoria*, *Cassia tora* and *Azadirachta indica* on *Staphylococcus aureas* and *Escheriichia coli*. *Biomed*, 1(1) April-June 2006. pp. 56-58.
- 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.
- 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.
- 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. 69-73.
- T. Roopashree and **Raman Dang**, Psoriasis and Herbal Drugs, *Pharma Review*, Jan, 2006, 73-78.
- **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.
- **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.
- Kuntal Das, **Raman Dang**, Salma Khanam, B.G.Shivananda and P.E. Rajashekarana. *In vitro* methods for production of stevioside from *Stevia rebaudiana*, *Indian.J. Natural Products*, 2005, 21(1); 14-15.
- Kuntal Das, **Raman Dang**, Salma Khanam and B.G. Shivananda. “Honey plant *Stevia*”, *Pharma Times*, 2004, 36(5); 27-29.
- 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.

- **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.
- **Raman Dang** and K.L.K. Paranjyothy, Quality Focus in the New Millenium, **Pharma Pulse**, 15th January, 1998.

Papers Presented:

International: 08

National: 42

Conferences Attended:

International: 07

National: 21

Professional Memberships:

- Life Member – Indian Hospital Pharmacists Association, New Delhi, India.
- Life Member – APTI (Association of Pharmaceutical Teachers of India).
- Life Member – Indian Cosmetic Technologists Association.
- Member ISTE.
- Member FIP, Netherlands.

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