

# RAMAN DANG

## Professor

Department of Pharmacognosy & Phytochemistry,  
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### EDUCATION

- **Ph.D.** in Pharmaceutical Sciences, Bangalore University, **2003**.
- **Master of Pharmacy (75%)** in Pharmacognosy(Plant Sciences)  
Department of Pharmaceutical Sciences, Hamdard University,  
Hamdard Nagar, New Delhi, **1995**.
- **Bachelor of Pharmacy (Aggregate 70%), 1992.**  
Al-Ameen College of Pharmacy, Bangalore University, Bangalore.
- **Diploma in Pharmacy (75.5%), 1986.**  
Drug Control Department, Government of Karnataka.
- **Diploma in Small Scale Industry** from St. Joseph's College of  
Business Administration, Bangalore, **1984**.
- **Diploma in Management** from Indira Gandhi Open University  
(IGNOU), New Delhi, **1995**.
- **Honours Diploma in Marketing Management** from Indira Gandhi  
Open University, New Delhi, **1996**.
- **Proficiency in PC Skills** from National Institute of Information  
Technology (NIIT) with an outstanding grade, **1985**.
- **Masters in Business Administration (MBA) Specialization -**  
Marketing from IGNOU, New Delhi, **1997**

### COURSE WORK IN PHARMACY

- Advanced Pharmaceutical Analysis
- Biostatistics & Spectroscopy
- Pharmacognosy
- Phytochemistry
- Pharmaceutics
- Pharmaceutical Technology
- Pharmacology
- Compulsory Mathematics
- Accounting & Management
- Pharmaceutical Marketing
- Pharmaceutical Chemistry
- Pharmaceutical Analysis
- Hospital, Clinical & Community Pharmacy
- Pharmaceutical Jurisprudence.

### WORK EXPERIENCE

- **Fourteen years** of Teaching & Research Experience.  
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.
- **Guided** eight M. Pharm students and **Co-Guide** to 10 M. Pharm students.
- **Guiding** four Ph. D scholars.
- **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.

## AWARDS

- **Gold Medal** for Topping in Karnataka State for the Award of Diploma of Pharmacy.
- **Best Paper Award** at IPC, Indore.
- **1<sup>st</sup> runners up** award for the paper titled "Cleaning Validation" at 61<sup>st</sup> FIP Conference held at **Singapore**, 2001.
- **2<sup>nd</sup> 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 25<sup>th</sup> & 26<sup>th</sup> 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 10<sup>th</sup> National APTI convention, **Nagpur** during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.
- **Chaired (Moderated)** the scientific oral and plenary session at the 4<sup>th</sup> conference of Medicinal & Aromatic Plants of South-East European Countries, Iasi, **Romania** during 28-31 May 2006

## ADDITIONAL INFORMATION

- Worked for S.A. Packer & Printers, Bangalore as Management Trainee, for 6 months.
- Research Associate at Dabur Research Foundation, Sahibabad, U.P. for a period of 3 months.
- Was handling confidential and important university work at Dayanand Sagar College of Pharmacy.

## PAPERS PRESENTED

- "Pharmacy Education in India Retrospect and Prospect" at Indian Pharmaceutical Congress held at Manipal.
- "Health Education and Community Pharmacist" at Christian Medical College, Vellore.

- "Total Quality Management in relation to Small Business" at Asian Pharmaceutical Congress, Mumbai.
- "Community Pharmacy Practice in Culturally Diverse India" at Asian Pharmaceutical Congress, Mumbai.
- "Trends in Teaching at Association of Pharmaceutical Teachers of Indian Convention held at Coimbatore.
- "Impurities in New Drug Products" at Indian Pharmaceutical Congress held at Indore.
- "Actualizing Total Quality" at Indian Pharmaceutical Congress held at Indore.
- "Cleaning Validation of Liquid Orals" at Indian Pharmaceutical Congress held at Hyderabad.
- "Formulation and Evaluation of Diltiazem Microspheres" at 61<sup>st</sup> FIP Conference held at Singapore, 2001.
- "HPLC Analysis of Chlorpheniramine Maleate" at 61<sup>st</sup> FIP Conference held at Singapore, 2001.
- "Cleaning Validation" at 61<sup>st</sup> FIP Conference held at Singapore, 2001.
- Tissue Culture of *Ocimum basilicum* at 5<sup>th</sup> International Conference held at Halle, Germany, 2002.
- Method Standardization and Tissue Culture of *Ocimum* species at Ayurvedic, Drugs International Conference held at Cochin, 2002.
- Method Standardization of *Agave* species at Ayurvedic, Drugs International Conference held at Cochin, 2002.
- Tissue Culture of *Rauwolfia serpentina* and *Rauwolfia tetraphylla* at IPC, Pune, 2002.
- Tissue Culture and Phytochemical Studies on *Rauwolfia* Species at Global Convention on Medicinal Plants held at Mauritius, Oct. 2003.
- Advances in Micropropagation of *Ocimum basilicum* at Global Convention on Medicinal Plants held at Mauritius, Oct. 2003.
- Rationale use of Drugs as per WHO Guidelines, at IPC, Chennai, Dec. 2003.
- Adverse Drug Reactions their occurrence and cure, at IPC, Chennai, Dec. 2003.
- Nutraceuticals "are they really calorie substitutes", at IPC, Chennai, Dec. 2003.
- Pictograms, the correct Alternatives, at IPC, Chennai, Dec. 2003.
- Tissue Culture of *Withania Somnifera*, , at IPC, Chennai, Dec. 2003.
- Anti-acne Activity of some Herbal Drugs formulation, at 2<sup>nd</sup> Global Convention on Cosmetic Technologies, at Belgaum, Feb. 2003.
- Alternatives to Animal Testing for Cosmetics, at 2<sup>nd</sup> Global Convention on Cosmetic Technologies, at Belgaum, Feb. 2004.

- The potential of Herbal Products for Nutraceuticals and Pharmaceutical Development, International APTI Convention, Vishakhapatnam, Oct-2004.
- Safed Musli- An Aphrodisiac, International APTI Convention, Vishakhapatnam, Oct-2004.
- Tissue Culture of Stevia, International APTI Convention, Vishakhapatnam, Oct-2004.
- Establishment and Standardization of Agro- Techniques for Stevia cultivation in India, International APTI Convention, Vishakhapatnam, Oct-2004.
- Medicinal Weeds, International APTI Convention, Vishakhapatnam, Oct-2004.
- The need for Stringent Quality control, Standardization and Validation of Herbal Drugs, I.P.C. Kolkata, Dec-2004
- Anti acne activity of formulated herbal creams, at International Conference on Promotion and Development of Botanicals, February 25-26, 2005, Kolkata, India
- Optimization of Stevioside production, at the International Conference on Promotion and Development of Botanicals, February 25-26, 2005, Kolkata, India.
- Phytochemical and Antimicrobial investigation on leaves of *Agave americana*. Linn, at the International Conference on Promotion and Development of Botanicals, February 25-26, 2005, Kolkata, India
- Tissue culture studies on *Withania somnifera*, at the International Conference on Promotion and Development of Botanicals, February 25-26, 2005, Kolkata, India
- Tissue Culture studies on *Ocimum basilicum* at the International Conference on Promotion and Development of Botanicals, February 25-26, 2005, Kolkata, India
- Comparative phyto chemical studies of Rauwolfia under various conditions, at the International Conference on Promotion and Development of Botanicals, February 25-26, 2005, Kolkata, India.
- Preparation and evaluation of oral hygiene products, at 10<sup>th</sup> National APTI convention, Nagpur during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.
- Interaction between phosphorous and zinc on the biomass yield attributes of the medicinal plant *Stevia rebaudiana*, at 10<sup>th</sup> National APTI convention, Nagpur during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.
- Histological and histochemical analysis of callus from different explants of *Ocimum basilicum*, at 10<sup>th</sup> National APTI convention, Nagpur during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.
- Safety of drugs through bar coding, at 10<sup>th</sup> National APTI convention, Nagpur during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.

- Comparative Phytochemical study on *Cassia renigera*, at 10<sup>th</sup> National APTI convention, Nagpur during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.
- Harmonization of various guidelines for herbal drug industry, at 10<sup>th</sup> National APTI convention, Nagpur during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.
- Direct in-vitro regeneration and Agrobacterium mediated transformation of *Withania somnifera*, at 10<sup>th</sup> National APTI convention, Nagpur during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.
- Establishment and maintenance of callus of *Stevia rebaudiana* under aseptic environment at 4<sup>th</sup> conference of medicinal & Aromatic Plants of South-East European Countries, Iasi, Romania during 28-31 May 2006
- Production of anti cancer lignans in callus cultures of *Podophyllum hexandrum* at APTI 11<sup>th</sup> National Annual Convention, Bangalore, during 1<sup>st</sup> & 2<sup>nd</sup> September, 2006.

## PUBLICATIONS

- Kuntal Das, **Raman Dang**, T.N.Shivananda and Nazým PEKEROĐLU. 2006. Influence of bio-fertilizers on the biomass yield and nutrient content in *Stevia rebaudiana* Bert. Grown in Indian subtropics. Turkey Journal of Agriculture (International)
- Kuntal Das, **Raman Dang** and T.N. Shivananda. 2006. "Comparative efficiency of bio- and chemical fertilizers on biomass yield and nutrient contents in medicinal plant *Stevia rebaudiana* Bert." *Canadian Journal of Soil Sciences*. (International)
- Satish H, **Raman Dang** "Antirolithiatic 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*
- **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.

- 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.
- 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.
- **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**, 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**, Salma Khanam, B.G.Shivananda and P.E. Rajashekar. *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.

- 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);
- **Raman Dang**, Method of Standardization and Tissue Culture of *Ocimum basilicum*, Proceedings of **Global Summit** on Medicinal Plants, 25<sup>th</sup> – 30<sup>th</sup> September, 2003, 134-135.[After peer review]
- **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**, 15<sup>th</sup> January, 1998.
- Regular write-ups in **Pharma Pulse**, a leading Pharmaceutical weekly.
- **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.

#### **PAPERS COMMUNICATED:**

- "Establishment and maintenance of callus of *Stevia rebaudiana* under aseptic environment"- Kuntal Das , **Raman Dang** and P.E. Rajasekharan. 2005. **Natural Product Radiance**.
- "Influence of bio-fertilizers on the biomass yield and nutrient content in *Stevia(Stevia rebaudiana)* grown in Indian subtropics"- Kuntal Das, **Raman Dang** and T.N.Shivananda, 2005. **Fitoterapia**.
- "Effect of fertilizers on their availability in soil in relation to their contents in *Stevia* plant (*Stevia rebaudiana* Bert.)"- Kuntal Das, **Raman Dang** and T.N. Shivananda. 2005. **Archives of Agronomy and Soil Science** (Taylor and Francis group).
- "*Stevia* (*Stevia rebaudiana*) – **“For Sweet Life”**", Kuntal Das, **Raman Dang**, T.N. Shivananda and G. Sudhakar. 2005. **Pharma**

## **Times.**

### **SPECIAL FEATURES**

- 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 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year of B.Pharm with University ranks.
- Received various **letters of Merit** during the Studentship and Practical Training of B.Pharm and M.Pharm.
- **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 WORK AT THE INSTITUTE AND UNIVERSITY LEVEL.**
- **PLAYED A KEY ROLE** in developing protocols for Accreditation.

### **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.

**PARTICIPATION :  
IN  
CONFERENCES**

- Indian Pharmaceutical Congress (IPC) at Manipal in Dec. 1990.
- Indian Pharmaceutical Congress at Goa in 1991.
- Indian Pharmaceutical Congress at Bangalore in Jan. 1993.
- Indian Pharmaceutical Congress at New Delhi in Dec. 1993.
- Clinical & Community Pharmacist National/International Level meet at Christian Medical College, Vellore.
- Indian Pharmaceutical Congress at Trivandrum in 1997.
- Indian Pharmaceutical Congress at Mumbai in Dec. 1998.
- Indian Pharmaceutical Congress at Indore in 1999.
- Indian Pharmaceutical Congress at Hyderabad in Dec. 2000.
- 61<sup>st</sup> FIP Conference held at Singapore, 2001.
- Indian Pharmaceutical Congress held at New Delhi, 2001.
- 5<sup>th</sup> International Conference on Traditional Asian Medicine held at Halle, Germany, Aug.2002.
- 7<sup>th</sup> Association of Pharmaceutical Teachers of India Convention held at Goa, Sept. 2002.
- Ayurvedic Drugs, International Conference held at Cochin, Nov. 2002.
- Global Convention on Medicinal Plants, at Mauritius, Oct. 2003.
- 8<sup>th</sup> Annual Association of Pharmaceutical Teachers Association of India, Convention, at Hubli, Oct. 2003.
- Indian Pharmaceutical Congress, at Chennai, Dec. 2003.
- 2<sup>nd</sup> Global Convention on Cosmetic Technologies, at Belgaum, Feb. 2004.
- International Convention of Association of Pharmaceutical Teachers of India at Vishakhapatnam, Oct' 2004.
- International conference on Botanicals held at Kolkata during 25<sup>th</sup> Feb to 26<sup>th</sup> feb,2005.
- Indian Pharmaceutical Congress, at Hyderabad, Dec. 2005.
- The 4<sup>th</sup> Conference of the Association for Medicinal and Aromatic plants of south-East European countries, Iasi, Romania, May 2006.
- APTI 11<sup>th</sup> National Annual convention, Bangalore, during 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> September, 2006.

## REFERENCES

- **Prof. B.G. Shivananda**  
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- **Prof. Shobha Rani R.H**  
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Victoria Hospital, Bangalore  
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