

Dr. Sanju Nanda



Educational Qualifications:

Degree	Year of Passing	University / Institute
Ph.D	1999	Indian Institute of Technology(IIT, Delhi),New Delhi.
M. Pharm. (Pharmaceutics)	1990	Dr. H.S. Gour Vishwavidyalaya , Sagar, M.P.
B. Pharm.	1988	Dr. H.S. Gour Vishwavidyalaya , Sagar, M.P.
L. L. B. (Hons) 3 yr. Course	(Pursuing) – V Semester	M D University, Rohtak

Career Profile:

Designation	Institution served	From	To
Lecturer in Pharmaceutics	Dr. K.N. Modi Institute of Pharm. Education and Research, Modinagar, Uttar Pradesh.	23.5.94	18.02.98
Lecturer in Pharmaceutics	Maharshi Dayanand University, Rohtak.	19.02.98	19.02.02
Lecturer (Sr. Scale)	Maharshi Dayanand University, Rohtak.	20.02.02	11.07.10
Warden G.H.-IV (Addl. Charge)	Maharshi Dayanand University, Rohtak.	17.08.06	31.12.09
Reader in Pharmaceutics	Maharshi Dayanand University, Rohtak.	12.07.10	presently continued

1. Research Advisory:

Number of students supervised	Ph. D	M. Pharm.
	01	18

2. Project Undertaken:

Title of the Project	Duration	Funding Agency	Status
Enhancement of Transdermal Transport of Model Drug(s) using Ultrasound	Three years (April, 2005 to April,2008)	All India Council for Technical Education, Delhi	Completed

3. Publications:

Book(s)

Cosmetic Technology

Sanju Nanda, Arun Nanda and Roop K. Khar.
Birla Publications Pvt. Ltd., Delhi, Nov. 2005.
(ISBN No. 81-86270-55-8)

Chapters:

1. **Sonophoresis : Biophysical Basis of Transdermal Drug Delivery**, Sneha Anand and *Sanju Nanda*, in a reference book *Controlled and Novel Drug Delivery*, edited by N.K. Jain, CBS Publishers & Distributors, 1997, New Delhi, India, 208 - 235. (ISBN No. 9788123905174).
2. **Enigmatic World of Cosmetics: Consumers Beware**, *Sanju Nanda* in a book *Consumer Protection Movement in India : Problems and Prospects*, edited by Prof. S.S. Chahar, Deptt. of Public Administration, M.D. University and published by Kanishka Publishers, New Delhi, 2007 (ISBN No. 978881-73919886).
3. **Reactors and Fundamentals of Reactor Design for Chemical Reactions**, *Sanju Nanda* in a *Web book* on "Pharmaceutical Engineering", for an NSDL (National Science Digital Library) Project of NISCAIR (National Institute of Scientific Communications and Information Resources), 2008.
4. **Laplace Transforms**, *Sanju Nanda* and Arun Nanda, Appendix 1, in the book *Biopharmaceutics & Pharmacokinetics*, authored by Javed Ali, Alka Ahuja, Sanjoola Baboota, Roop K. Khar, Birla Publications Pvt. Ltd., Delhi, 2nd Edition, 2008-2009, pages 252-263. (ISBN No. 81-8627065)
5. **Nano Cosmetics: Issues and Challenges, Chapter 3**, *Sanju Nanda* in a Book *Nano Colloidal Carriers: Site specific and Controlled Drug Delivery*, edited by Prof. S.P. Vyas, S.R.S. Murthy and R.K. Narang, First Edition, C.B.S. Publishers and Distributors, New Delhi, 2011, 40-58. (ISBN No. 1988123919614)

Monograph:

Cosmetics and Consumer

Sanju Nanda

Consumer Education Monograph Series – 8

Department of Consumer Affairs, Govt. of India, in association with
Indian Institute of Public Administration, New Delhi, 2006.

(ISBN No. 978-81-90667128)

Research Papers /Reviews and Articles in Peer reviewed and Refereed Journals:

1. *Sanju Handa*, N.K. Jain and H.V. Verma, **Influence of Voltage and pH on Iontophoretic Transport Across a Membrane**, *Die Pharmazie*, 47, 1992, 279 - 281.
2. *Sanju Nanda*, Arun Nanda, Himanshu Bansal and Sameer Agarwal, **Combating AIDS -The Pharmacist's Way**, *Indian Journal of Hospital Pharmacy*, July - Aug. 1995, 134 -135.
3. Arun Nanda, *Sanju Nanda* and A.K. Adhikari, **Role of Community Pharmacists in Self Medication**, *Indian Journal of Hospital Pharmacy*, Sept. - Oct. 1995, 169 - 171.
4. *Sanju Nanda*, Sneha Anand and Arun Nanda, **Sonophoresis : New Horizons in Transdermal Drug Delivery**, *Pharma Times*, Vol. 13, Issue 28, Jan. 1996, 11 - 12.

5. A.Goel, S.Kumar, A.Nanda, *Sanju Nanda* and S.N. Sharma, **Membrane Engineered Long Circulating Liposomes in Cancer Chemotherapy**, The Eastern Pharmacist, Vol. 39 , No. 486, Oct. 1996, 39 - 43.
6. *Sanju Nanda*, Sneha Anand and Arun Nanda, **Recent Physical Methods in Transdermal Drug Delivery Research**, Indian Journal of Pharmaceutical Sciences, Vol. 60 (4), 1998, 185 - 188.
7. Shikha Varshney and *Sanju Nanda*, **Interface of Pharmacy with Biochemical Engineering**, Pharma Times, Vol. 32, Issue 9, September 2000.
8. *Nanda Sanju*, Nanda Arun and Khar Roop K. **Cosmetics in Ayurveda**, The Indian Pharmacist, July 2003, 7 –12.
9. Vishal Gupta, Sushma Verma, Arun Nanda and *Sanju Nanda*, **Osmotically Controlled Drug Delivery**, Drug Delivery Technology, Vol. 5, No. 7, July / Aug. 2005.
10. Arun Nanda, *Sanju Nanda*, Manish Dhall and Rekha Rao, **Transferosomes : A Novel Ultradeformable Vesicular Carrier for Transdermal Drug Delivery**, Drug Delivery Technology, Vol. 5, No. 9, Oct. 2005
11. Nandkishore, Sunil Kumar, *Sanju Nanda* and Arun Nanda, **Important Amendments : The Patents Act, 1970**, The Indian Pharmacist, Oct. 2006, 7 – 12.
12. Nanda A., *Nanda S.* and Khan Ghilzai N.M., **Current Developments Using Emerging Transdermal Technologies in Physical Enhancement Methods**. Current Drug Delivery, Vol. 3, No. 2, 2006.
13. Rekha Rao and *Sanju Nanda*, **Sonophoresis : recent advancements and future trends**, J. Pharm.and Pharmacol., 2009 Jun; 61(6):689-705. (IF: 1.78).
14. Rekha Rao and *Sanju Nanda*, **Hormone Replacement Therapy: Exploring the Options for Women** , Journal of Pharmacy Research, Vol. 2 , Issue 7, July 2009.(IF: 1.09)
15. *Sanju Nanda*, **INCI Labeling of Cosmetic Ingredients: Can India overlook it? ”**, The Indian Pharmacist , July '09, 23-30.
16. Bhatia,S.,Namdeo A.G, *Nanda, S.*, **Factors affecting the Gelling and Emulsifying properties of a Natural Polymer**, Sys.Rev.Pharm., January-June 2010, Vol. 1, Issue 1, 86-92.
17. Saurabh Bhatia, K.Sharma, Ajay G.Namdeo, B.B.Chaugule, M.Kavale, *S.Nanda*, **Broad-spectrum sun protective action of Porphyrin – 334 derived from *Porphyrin vietnamensis***, Pharmacognosy Research, January 2010, (2), 45-49.
18. Amit Kumar, *Sanju Nanda* and Rajiv Chomwal, **Spectrophotometric Methods for Determination of Doxycycline in Tablet Formulation**, Int.J.Pharm.Tech Res, 2010,2(1), 599-602.
19. Lokesh Singh and *Sanju Nanda*, **Validated Spectrophotometric Simultaneous Estimation of Nimesulide and Dicyclomine Hydrochloride in Combined Tablet Dosage Form**, Research J. Pharm. and Tech., 3(2): April – June 2010.,1-4.
20. Amit Kumar, *Sanju Nanda* and Rajiv Chomwal, **Spectrophotometric Methods for the Estimation of Tramadol Hydrochloride in Tablet Formulation**, The Indian Pharmacist, May 2010, 85-87.
21. Lokesh Singh, *Sanju Nanda*, **Spectrophotometric Methods for Determination of Dicyclomine HCl in Tablet Formulation**, Inventi Rapid: Pharm. Ana & Qual.Assur. Vol 1. Issue 1, published on Web 07/05/2010.(RIF: 1.08)
22. Lokesh Singh, *Sanju Nanda*, **Validated Spectrophotometric Methods for Estimation of Loperamide Hydrochloride from Tablet Dosage Form**, Asian Journal of Pharmaceutical and Clinical Research, Vol. 3, Issue 2, April – June 2010, page 121 – 122.
23. Poonam Kushwaha, Sheeba Fareed and *Sanju Nanda*, **Colonic Drug Delivery : A Review**, International Journal of Pharmaceutical Research and Development, June 2010.
24. Kamal Saroha, *Sanju Nanda* and Nandkishore Yadav, **Proniosome Gel: Potential Carrier System in Topical / Transdermal Delivery of Drugs and Cosmetics / Cosmeceuticals**, Pharmainfo.net, Vol.8, Issue 2, (June) 2010.
25. Amit Kumar, *Sanju Nanda* and Rajiv Chomwal, **Spectrophotometric estimation of betahistine hydrochloride in tablet formulations**, J Pharm Bioall Sci, 2010, Vol 2, Issue 2, April-June, 121-123.
26. *Nanda Sanju*, Rao Rekha and Anand Sneha, **Use of Factorial Design in Sonophoretic Transdermal Delivery of Propranolol HCl**, The Indian Pharmacist , August 2010, 49-54.

27. Rishu Kakar, Rekha Rao, Anju Goswami, *Sanju Nanda*, Kamal Saroha, **Proniosomes: An Emerging Vesicular System in Drug Delivery and Cosmetics**, Der Pharmacia Letter, 2010, 2(4): 227 – 239.
28. Vishwanath Agrahari, Meenakshi Bajpai, *Sanju Nanda*, GN Singh and Robin Kumar, **Estimation of Satranidazole in bulk and tablet dosage form by RP-HPLC**, Journal of Pharmacy Research, 2010,3(11), 2747-2749 (ISSN:0974-6943). (IF: 1.09)
29. Poonam Kushwaha, Sheeba Fareed and *Sanju Nanda*, **Promising approaches to Target Drug Delivery to Colon**, International Journal of Pharmaceutical Sciences,2010,2(3) 669-679. (ISSN:0975-4725).
30. Pooja Mathur, Kamal Saroha, Navneet Syan, Surender Verma, *Sanju Nanda*, Viney Valecha, **An Overview on Recent Advancements and Developments in Gastro retentive Buoyant Drug Delivery System**, Der Pharmacia Sinica, 2011, 2(1):161-169.(ISSN: 0976-8688)
31. Sucheta Ohlan, *Sanju Nanda*, Dharam Pal Pathak and Moksh Jagia, **Mutual Prodrugs – A SWOT Analysis**, International Journal of Pharmaceutical Sciences and Research, IJPSR (2011), Vol.2, Issue 4, 719-729. (ISSN: 0975-8232).
32. Navin K. Dahiya, Rekha Rao, *Sanju Nanda*, **Preparation and Characterization Techniques in Niosomal Vesicular Systems – A Review**, Journal of Pharmaceutical and Biomedical Sciences, 5 (20), 2011, 1-8(ISSN No. 2230-7885)

Publications in Conference/ Seminar Proceedings:

33. N K Yadav, Neelam and *Sanju Nanda*, **Emerging Trends of Nanoparticulate Systems in Drugs and Cosmetics : An Overview**, (P154) in Proceedings of International Conference on Innovative Technologies (ICIT- 09), PDMCE , Bahadurgarh and IEEE, June 18-19, 2009 , pp 671-678.
34. Rekha Rao, *Sanju Nanda* and Sneha Anand, **Biomechanical implications of Sonophoresis and its effect on Transdermal Drug Delivery**, (P170) in Proceedings of International Conference on Innovative Technologies (ICIT- 09), PDMCE , Bahadurgarh and IEEE, June, 18-19 2009, pp 763-775.
35. Parveen, Rekha Rao, *Sanju Nanda*, Vishant and Rishu, **Physical Enhancement of Transdermal Drug Delivery: Iontophoresis and Sonophoresis**, (P297) Rekha Rao, *Sanju Nanda* and Sneha Anand,
36. Puneet Kumar and *Sanju Nanda*, **Nanoparticles in Functional Cosmetics: Toxicological and Safety Issues** (P353) in Proceedings of International Conference on Innovative Technologies (ICIT- 09), PDMCE, Bahadurgarh and IEEE, June, 18-19,2009, pp 103-118.

Participation in Conferences/ Seminars:

1. **Transdermal delivery of Timolol maleate by Iontophoresis**, *Sanju Nanda*, N.K. Jain, H.V. Verma and Akhlesh Singhai, in the National Symposium on Novel and Controlled Drug Delivery Systems 25 – 27 Feb. 1991, Dept. of Pharmaceutical Sciences, Dr. H.S. Gour University, Sagar, M.P., India.
2. **Sonophoretically Induced Transdermal Drug Delivery and Skin Characterisation**, *Sanju Nanda* and Sneha Anand, 43rd Indian Pharmaceutical Congress, Dec. 991, Goa, India.
3. **Sonophoretically Enhanced Transdermal Delivery of Propranolol HCl – Pulsed vs Continuous Mode**, *Sanju Nanda* and Sneha Anand, VII National Conference on Biomaterials and Artificial Organs, 8 – 9 April, 1994, Indian Institute of Technology, Delhi, India.
4. **New Vista in Factor Ultrasonography in Medicine : Hospital Model Application Case Study**, Pawl Njoku, James Thomas, Archana Swali, Sneha Anand and *Sanju Nanda*, First Regional Conference of IEEE Engineering in Medicine and Biology Society and 14th Annual Conference of the Biomedical Engineering Society of India, 15 – 18 Feb. 1995, Delhi, India..
5. **Iontophoretic Delivery of Propranolol HCl.**, *Sanju Nanda* and Sneha Anand 46th Indian Pharmaceutical Congress, 28 – 30 Dec. 1994, Chandigarh, India.
6. **Sonophoretic Delivery of Propranolol HCl in Rats**, Nanda A., *Nanda S.* and Khar R.K., International Seminar on Recent Trends in Pharmaceutical

Sciences, Ootacamund, Tamil Nadu, India, 18- 20 Feb. 1995.

7. **Transdermal Drug Delivery Enhancement by Phonophoresis : A Mechanistic Elucidation**, Nanda S. , Nanda A. and Sneha Anand, International Seminar on Recent Trends in Pharmaceutical Sciences, Ootacamund, Tamil Nadu, India, 18 – 20th Feb. 1995.
8. **Self Medication of OTC Drugs: New Role Envisaged for Pharmacists**, Nanda A., Nanda S. and Khar R.K., 48th Indian Pharmaceutical Congress Chennai (Madras), Tamil Nadu, India, Dec. 25 – 27th , 1996 .
9. **Appointment of Lecturers in Pharmacy -- Need of a Review in Eligibility Conditions**, Nanda S. Indian Pharmaceutical Congress Indore, M.P., India, Dec. 18 – 20th , 1999.
10. **Brain Drain of Pharmacy Graduates -- A Critical Analysis**, Nanda S. Indian Pharmaceutical Congress, Varshney S. and Nanda S., Indore, M.P., India, Dec. 18 – 20th , 1999.
11. **Telemedicine and Teleworking – New Job Avenues for Pharmacists**, Jain P., Nanda S. and Nanda A., 52nd Indian Pharmaceutical Congress Hyderabad (A.P), India., Dec. 1 – 3, 2000.
12. **Drugs and Cosmetics : *caveat emptor***, Sanju Nanda, National Seminar on Consumer Protection and Welfare, Dr. Hari Singh Gaur Vishwavidyalaya, Sagar (M.P.), 13-14th , Oct, 2006.
13. **Cosmetics : Social, Psychological and Biological Issues**, Sanju Nanda, National Seminar on Positive Prospectives of Health and Behavior, Deptt. Of Psychology, M.D. University, Rohtak, 1-2nd Feb, 2008.
14. **Therapeutic Agents in Cosmetics : Global Issues and Regulatory Concerns** Punit K and Nanda S. 60th Indian Pharmaceutical Congress, New Delhi. 10th – 12th Dec., 2008.
15. **Histopathological Evidences For Drug Diffusion Enhancement in Sonophoretic Drug Delivery**, Rekha Rao, Sanju Nanda and Sneha Anand, , National Seminar on Emerging Trends in Drug Discovery and Formulation Development, ,Jan Nayak Ch.Devi Lal Memorial College of Pharmacy, Sirsa (Haryana) 21st Feb, 2009.
16. **New Strategies in Site Specific Intra-Pocket Treatment of Periodontitis: An Overview**, Naveen Kumar and Sanju Nanda, National Seminar on Emerging Trends in Drug Discovery and Formulation Development, Jan Nayak Ch.Devi Lal Memorial College of Pharmacy, Sirsa (Haryana), 21st Feb, 2009.
17. **Mutual Prodrugs of Nonsteroidal Anti-Inflammatory Drugs with Improved Therapeutic Index**, Sucheta Ohlan, Sanju Nanda and D.P.Pathak, National Seminar on Emerging Trends in Drug Discovery and Formulation Development, Jan Nayak Ch. Devi Lal Memorial College of Pharmacy, Sirsa (Haryana), 21st Feb, 2009.
18. **Statistical Methods as Alternatives to Animal Experiments in Transdermal Pharmaceutical Research**, Rao Rekha and Nanda Sanju, National Symposium on Animal Models in Biomedical Research: Ethical and Welfare Issues, National Laboratory Animal Centre, Central Drug Research Institute, Lucknow (UP) Feb.25-26th , 2009.
19. **Emerging Trends of Nanoparticulate Systems in Drugs and Cosmetics : An Overview**, N K Yadav, Neelam and Sanju Nanda, International Conference on Innovative Technologies (ICIT- 09), PDMCE , Bahadurgarh and IEEE, June 18-19, 2009 .
20. **Biomechanical implications of Sonophoresis and its effect on Transdermal Drug Delivery**, Rekha Rao, Sanju Nanda and Sneha Anand, International Conference on Innovative Technologies (ICIT- 09), PDMCE , Bahadurgarh and IEEE, June, 18-19 2009,
21. **Physical Enhancement of Transdermal Drug Delivery: Iontophoresis and Sonophoresis**, Parveen, Rekha Rao, Sanju Nanda, Vishant and Rishu, International Conference on Innovative Technologies (ICIT- 09), PDMCE , Bahadurgarh and IEEE, June, 18-19th , 2009.
22. **Nanoparticles in Functional Cosmetics: Toxicological and Safety Issues**, Puneet Kumar and Sanju Nanda, International Conference on Innovative Technologies (ICIT- 09), PDMCE , Bahadurgarh and IEEE, June, 18-19th , 2009.
23. **Nanotechnology based drug targeting: New vistas in cancer treatment**, Madhu Gill, Dharmender Yadav and Sanju Nanda, International Conference on Innovative Technologies (ICIT- 09), PDMCE , Bahadurgarh and IEEE, June, 18-19th , 2009.
24. **Effect of Intensity on the Safe Therapeutic Use of Sonophoretic Transdermal Drug Delivery of Losartan Potassium: A Study**, Rekha Rao and Sanju Nanda, National Seminar on Advances on Regulatory Aspects for Pharmaceutical and Herbal Products, Chitkara, College of Pharmacy, Rajpura, Punjab, 31st October, 2009. (Second Best Paper Award)

25. **Sonophoretic Influence on Release Rate of Losartan Potassium; Proniosomal Gel Vs Aquasonic jelly as coupling medium**, Rekha Rao and Sanju Nanda, Silver Jubilee Conference of IPGA – 2009, I.S.F. College of Pharmacy, Moga, Punjab, 7-8th November, 2009. (**Second Best Paper Award**)
26. **Cosmetic Technology in P.G. Curriculum: Need for an Initiative**, Manish Dhall, Rekha Rao and Sanju Nanda, APTICON-2009, Lachoo Memorial College of Science & Technology, Pharmacy Wing, Jodhpur, 3rd – 4th October, 2009.
27. **Fluoridated Toothpastes: A Consumer Awareness Study in Sophomores**, Puneet Kumar, Sanju Nanda and Sunita Malhotra, National Seminar on Consumer Protection of India, MD University Rohtak, 06.11.09.
28. **Recent Trends in Transdermal Drug Delivery (TDD) using Chemical Enhancers**, Anju Goswami, Rekha Rao and Sanju Nanda, in AICTE sponsored Seminar on Recent Trends in Drug Delivery at M.M. College of Pharmacy, MM University, Mullana, Ambala, 7-8 August, 2010.
29. **Combined effect of Chemical Enhancers and Sonophoresis in transdermal drug delivery systems**, Rekha Rao, Anju Goswami, Sanju Nanda and Anurag Khatkar. in National Seminar on Advances on Regulatory Aspects for Pharmaceutical and Herbal Products, Chitkara, College of Pharmacy, Rajpura, Punjab, 31st October, 2009.
30. **In vitro Transdermal Studies of Losartan potassium using Chemical Enhancers**, Dahiya N.K., Goswami A, Rao Rekha, Nanda S. at Thapar University, Patiala, 11-13 Nov., 2010.
31. **Proniosomes as carrier of antihypertensive agent Valsartan**. Rao Rekha, Rishu Kakkar, Sanju Nanda, in Winter School on Nanotechnology, at NIPER, Mohali, 28 Feb-4 March, 2011.
32. **Synthesis And Characterization of Mutual Prodrugs of 1 H-Pyrazolol[3,4-D] - Pyrimidin-4-ol and Carboxylic acid Containing NSAIDs**, Sucheta Ohlan, Sanju Nanda, D.P Pathak and Satish Sardana, , B-69, 62nd IPC, 17th -19th December 2010 , Manipal.
33. **Electronic Filing of Dossiers in Europe: A Step Ahead**, Ajay Dalal , Sanju Nanda and Sameer Rakheja, 62nd IPC, 17th -19th December 2010 , Manipal.
34. **Nanoingredients in Drugs and Cosmetics: Regulatory Evolution**, Ajmer Singh and Sanju Nanda, 26th Annual Conference of IPGA, New Delhi, 2nd April, 2011

4. Guest Lectures / Invited Talks:

1. **Monophasic Liquid Dosage Forms**, and ,
2. **Role and Applications of Computers in Pharmacy**, Lord Shiva College of Pharmacy, Sirsa, Haryana. 13.3.2003
3. **GMP and Validation – A Plan for Total Quality Control**, Sanjivani College of Pharmacy, Khetri, Rajasthan. 18.4.2004.
4. **Cosmetics and Consumers** , 46th National Pharmacy Week Inauguration, Shri Baba Mastnath Institute of Pharmaceutical Sciences and Research, Asthal Bohar, Rohtak. 19.11.07.
5. **Drugs and Cosmetics : caveat emptor** , Regional Seminar-cum-Workshop on Consumer Protection Movement in India : Problems and Prospects, Dept. of Public Administration, M D University, Rohtak, 23.12.05.
6. **Herbal Cosmetics : Issues and Challenges**, ISTE sponsored Short Term Training programme on 'Development and Standardization of Herbal Formulations', PDM College of Pharmacy, Bahadurgarh, Haryana, 29.3.07.
7. **Nano-Cosmetics : Issues and Challenges**, National Seminar on Nano-Colloidal Carriers : Site Specific and Controlled Drug Delivery, , I S F College of Pharmacy, Moga, Punjab, 10.10.08.
8. **Pilot Plant Scale Up**, Hindu College of Pharmacy, Sonapat, 10.02.09.
9. **Nanotechnology in Cosmetics – Are they Safe ?**, B.S.Anangpuria Institute of Pharmacy, Faridabad, Haryana, 06.3.09.
10. **Good Manufacturing Practices – Need of the Hour**, B.S.Anangpuria Institute of Pharmacy, Faridabad, Haryana, 06.3.09.
11. **Purpose of Life is Life with a Purpose**, B.S.Anangpuria Institute of Pharmacy, Faridabad, Haryana, 06.3.09.
12. **Role of Cosmetics in Positive Psychology**, Session I - **Cosmeceuticals**, in the National Conference on "Recent Advances in Reproductive and Child Health: A Confluence of Traditional Medicine and Novel Pharmaceutical Techniques", Jamia Hamdard, New Delhi, 17.04.09

13. **Preparation, Formulation and Specification of Drugs, Chemicals, Antibiotics, Biologicals and Pharmaceuticals**, as Resource person in the Induction Training for newly appointed Pharmacists in Health Deptt, Govt of Haryana and organized by State Health and Family Welfare Training Centre, Rohtak on 23.06.09.
14. **Preparation, Formulation and Specification of Drugs, Chemicals, Antibiotics, Biologicals and Pharmaceuticals**, as Resource person in the Induction Training for newly appointed Pharmacists in Health Deptt, Govt of Haryana and organized by State Health and Family Welfare Training Centre, Rohtak on 07.07.09
15. **Cosmetic Technology in PG Curriculum: Need for an Initiative**, National Conference on Changing Trends in Pharmacy Education and Research (24th – 25th July 2009), Apex Institute of Pharmaceutical Sciences, Jaipur, 25.07.09.
16. **Preparation, Formulation and Specification of Drugs, Chemicals, Antibiotics, Biologicals and Pharmaceuticals**, as Resource person in the Induction Training for newly appointed Pharmacists in Health Deptt, Govt of Haryana and organized by State Health and Family Welfare Training Centre, Rohtak on 18.08.09.
17. **Redefining Career Opportunities in Pharmacy: Gearing up for the Future**, One day Symposium on “ Pharmaceutical sciences: Career Prospects” Vaish Institute of Pharmaceutical Education and Research, Rohtak, 23.10.09
18. **Nanotechnology and Naturals in Cosmetics**, National Seminar on “Advances and Regulatory Aspects for Pharmaceutical and Herbal Products”, Chitkara College of Pharmacy, Rajpura, Patiala, 31.10.09.
19. **Scale up Studies**, and
20. **Process Validation**, Hindu College of Pharmacy, Sonapat, 01.11.09
21. **Advancements in Cosmetic Technology – Hopes and Challenges**, National Conference on “ New Frontiers in Herbal and Synthetic Drug Studies (HSDS- 2010), Abeda Inamdar Senior College of Arts, Science and Commerce, Pune, 16.1.10
22. **Higher Education and Career in Pharmacy after B.Pharm – Present and Future Scenario**,
23. **Sterile Packaging**, and
24. **Advances in Cosmetic Technology – Consumer Beware**, B.S.Anangpuria Institute of Pharmacy, Faridabad, Haryana, 26.03.10 .
25. **Career Opportunities in Pharmacy – Sky is the Limit**, Manav Institute of Pharmacy, Jewra, Hisar, 17.03.10
26. **Formulation and Regulation of Cosmetics**, Manav Institute of Pharmacy, Jewra, Hisar, 17.03.10 .
27. **Career Opportunities in Pharmacy – Sky is the Limit**, Manav Institute of Pharmacy, Jewra, Hisar, 17.03.10
28. **Nanoingredients to Naturals in Cosmetics: The Enigma prevails ...**, Regional Conference of ISP, KC Institute of Pharmacy, Una (HP), 12-13 Nov. 2010.
29. **Lecture Design in Changing Paradigms**, AICTE sponsored Staff Development Programme, Ram Gopal College of Pharmacy, Gurgaon, 4th Dec. 2010.
30. **Naturals to Nanoingredients in Cosmetics: Let the Consumer Beware...**, Workshop on Consumer Awareness and Perspectives, Centre for Haryana Studies, M D University, Rohtak, 31st March 2011.
31. **Pharmaceutical Packaging: Its just not Containment !**, IPA and APTI sponsored one day Seminar on “ Current Scenario in Pharmaceutical Sciences & Research, Hindu College of Pharmacy Sonapat, 23rd April 2011.
32. **Consumers: Know your Cosmetics !**, 7th Orientation Programme, Academic Staff College, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur (Distt. Sonapat), 08.06.11

Awards and Distinctions:

General

- “**All Round Best Student**” of the School.(Miss Hill`s Higher Secondary School, Gwalior , M.P.).
- Recipient of ‘**Medha Sushree**’ (1986), Dr. H.S. Gour University, Sagar, M.P., India.
- **Best House Secretary Award** (1992 - 1993), IIT, Delhi, India.
- **Roll of Honour** (1992 - 1993), Kailash Hostel, IIT, Delhi, India.

- **Outstanding Contribution to Hostel Management**, (1992 - 1993), Kailash Hostel, IIT, Delhi, India.

Academics

Scholarships:

- UGC sponsored JRF : M.Pharm
- Institute Senior Research Fellowship of IITD ,New Delhi: Ph.D

Best Paper Awards:

- Jain P., Nanda S. and Nanda A., **Telemedicine and Teleworking --New Job Avenues for Pharmacists,** in Professional Pharmacy, 52nd Indian Pharmaceutical Congress, Hyderabad, Andhra Pradesh, Dec. 1 - 3, 2000.(**First prize**)
- Rekha Rao and Sanju Nanda, **Effect of Intensity on the Safe Therapeutic Use of Sonophoretic Transdermal Drug Delivery of Losartan Potassium: A Study**, in National Seminar Advances on Regulatory Aspects for Pharmaceutical and Herbal Products at Chitkara, College of Pharmacy, Rajpura, Punjab, 31 October, 2009. (**Second prize**)
- Rekha Rao and Sanju Nanda, **Sonophoretic Influence on Release Rate of Losartan Potassium: Proniosomal Gel Vs Aquasonic Jelly as coupling medium**, in Silver Jubilee Conference of IPGA – 2009 at I.S.F. College of Pharmacy,Moga, Punjab, 7-8 November, 2009. (**Second prize**)

Assignments outside MD University, Rohtak:

- Contributed a monograph to Indian Institute of Public Administration in association with Ministry of Consumer Affairs, Government of India on the topic “**Cosmetics and Consumer**”, (on invitation).
- Contributed a Chapter “**Reactors and Fundamentals of Reactor Design for Chemical Reactions**, in a **Web book** on “*Pharmaceutical Engineering*”, for an NSDL (National Science Digital Library) Project of NISCAIR (National Institute of Scientific Communications and Information Resources), 2008, (on invitation).
- **Inspector** of Pharmacy Council of India and All India Council For Technical Education, New Delhi to inspect assigned Pharmacy Colleges and Institutes in India.
- Delivered **Radio Talks** (All India Radio - Rohtak) ,(on invitation).
- **Resource Person** in many National Seminars / Conferences/Orientation programme / Staff Development Programme.

Other Contributions:

I. Association with Academic and Administrative Bodies:

- **Member** :Departmental Committee (DOPS)
- **Member**: Pre Ph D Admission Committee (DOPS)
- **Member**: Departmental Research Degree Committee (DOPS)
- **Member Secretary**: Institutional Ethical Committee, M D University
- **Member**: Executive Committee Alumni Association
- **Coordinator**: Departmental Training and Placement Cell
- **Coordinator**: Departmental Alumini Cell
- **Center / Deputy Superintendent**: B.Pharm and M.Pharm Examinations
- **Member / Convener**: Inspection Committee(s), M.D.University, Rohtak for Pharmacy, Education and Nursing Colleges.
- **Ex Member**: Board of Studies (DOPS)
- **Ex Member**: Faculty of Pharm. Sciences (DOPS)

- **Ex Member:** Academic Council (M D University, Rohtak)
- **Ex Member:** Unfair Means Committee (M D University, Rohtak)
- **Ex Warden:** Satluj Hostel, M.D.University.

II. Other Assignments:

1. **Chief Editor**, Institute's Magazine--"REFLECTIONS" (Dr. K.N.Modi Institute of Pharmaceutical Education and Research, Modinagar).
2. **Judge**, Flower Show, M.D.U., Rohtak, Feb.2007.
3. **Secretary**, Teachers Club, M.D. University, Rohtak.(2008-2010).
4. **Team Manager**, 6th Techno-Management Fest "SPARK"-2008, M.D.U., Rohtak.
5. **Chairperson**, Scientific Session, National Seminar on 'Nano-Colloidal Carriers : Site specific and Control Drug Delivery' at ISF College of Pharmacy, Moga, Punjab, Oct. 10-11, 2008.
6. **Organizing Secretary**, Inter Zonal Youth Festival, '**Unifest – 10**', 11-13, Nov. 2010.

Association with Professional Bodies:

Life Member:

1. Indian Pharmaceutical Association (DLH/LM/0236)
2. Society for Biomaterials and Artificial Organs (LM 147)
3. Biomedical Engineering Society of India (LM 147)
4. Association of Pharmacy Teachers of India (HA/LM/ 128).