

Curriculum Vitae

Prof D.C. Bhatt
M Pharm, PhD, PGDCA

Professor of Pharmaceutics
Department of Pharmaceutical Sciences,
Guru Jambheshwar University of Science. & Technology, Hisar-125001.

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Teaching Experience : About 28 years at GJUST Hisar (wef 13-11-1996).

Administrative Experience

Dean, Faculty of Medical sciences: 10-03-2017 to 09-03-2020.
Chairman, Department of Pharmaceutical Sciences: 01-03-2014 to 28-02-2017.
Chief Vigilance Officer, GJUST: 02-05-2018 till date.
Chairman, Dept. of Physiotherapy, GJUST: 23-11-2010 to 22-04 2013.
Member of different bodies of GJUST, as per seniority : University Court/EC/FC/AC/ IAEC.
Member, Advisory Committee, IPR & TC Cell, GJUST: w.e.f. 06-10-2008.
Coordinator, Training and Placement, Dept. of Pharm. Sc.: 2001-2008.

Research Experience

Areas of Research: Novel Drug Delivery Systems: Nano-formulations, Transdermal, Buccal, Gastroretentive, Mucoadhesive, Matrix tablets, Microspheres, SNEDDSs etc.

(a). Government Funded Projects

- (i) Coordinator of the UGC-SAP Project (2012-2017). (Funding, Rs. 55.50 Lacs, with one project fellowship, Duration: 5 years).
- (ii) Principal Investigator, UGC Major Research Research Project "Studies on the improvement of technological aspects of some antitubercular drugs" wef July 2012. (Funding, Rs. 5.75 lakh , Duration 3 years)
- (iii) Principal Investigator, along with Prof A.S. Dhake, AICTE sponsored Project titled "Development & Evaluation of Transdermal Drug Delivery System of some Antihypertensive Drugs" April 2003 to 2006. (Funding, Rs. 6.72 lakh , Duration 3 years)
- (iv) AICTE sponsored Project titled "Controlled delivery of Anticancer Drugs using Liposomes" worked as a co-investigator with Prof. S.N. Sharma at K N Modi Institute of Pharmacy, Modinagar. (Funding, Rs. 10 lakh, Worked for one year, 1995-96).

(b). PhD Scholars Currently Supervising : 06

(c). M.Pharm Research Projects Supervised : 52

(d) Publications / Presentations

- Prerna, Bhatt Dinesh Chandra, Basir Mir, Khalid, Kumar Vikash, Rathor Sandeep, A Comprehensive Review on Nanoparticles as Drug Delivery System and Their Role for Management of Hypertension, *Current Pharmaceutical Biotechnology*, April 2024, DOI:<https://doi.org/10.2174/0113892010291414240322112508>
- DC Bhatt, Jitender, Preparation and characterization of mesalamine loaded solid lipid nanoparticles, *Latin American Journal of Pharmacy*, 43(5), 2024.
- DC Bhatt Sheikh Aamir, Formulation and Evaluation of Brain-Targeted Nanocarrier of Sertraline Hydrochloride via Intranasal Administration, *Latin American Journal of Pharmacy*, 43(5), 2024.
- DC Bhatt Sheikh Aamir, formulation and evaluation of brain-targeted modified chitosan nanoparticles of sodium valproate for intranasal administration: in-vitro characterization and in-vivo pharmacokinetic study, *Rom J Diabetes NutrMetab Dis* 2024; 31(1), 1080-1101.
- Rani Sushma, Gupta Manu, Bhatt Dinesh Chandra, Shaveta Ahalwat, QbD based formulation optimization of artemether loaded mucoadhesive nano-emulsion for intranasal delivery, *Research Journal of Pharmacy and Technology*, 17(5), 2024, 2139-2145.
- Bhupinder Bhyan, Dinesh Chandra Bhatt, Sarita Jangra, Bioenhanced Bilayer Sublingual Films Containing Antimigraine Drugs Using Microencapsulated Bioenhancer: in vivo Evaluation in Humans, *Annals of Biology* 39 (1) 2023 : 30-34.
- Ahalwat, S., Bhatt, D.C. & Rohilla, S. Quality by Design (QbD) based Formulation Optimization of Isoniazid Loaded Novel Nanostructured Lipid Carriers for Controlled Release Effect. *J Pharm Innov* **18**, 1685–1700 (2023). <https://doi.org/10.1007/s12247-023-09749-y>.
- Bhyan Bhupinder, Bhatt Dinesh Chandra, Jangra Sarita, Evaluation and pharmacokinetic study in human volunteers of developed bilayer films containing piroxicam and zolmitriptan, *Research Journal of Pharmacy and Technology*, 15(9), 2022, 3962-3968.
- Shaveta Ahalwat, DC Bhatt, Surbhi Rohilla, Fabrication of Lipid Combination for Bioavailability Enhancement of Isoniazid, *Research Journal of Pharmacy and Technology*, 15(12), 2022, 5589-5596.
- Shaveta Ahalwat, Dinesh Chandra Bhatt, Development of novel lipid matrix for improved sustained release effect of a hydrophilic drug via response surface methodology, *Journal of Drug Delivery Science and Technology*, Volume 67, 2022, 102993, ISSN 1773-2247.
- Rathor, Sandeep; Bhatt, Dinesh Chandra, Formulation, Characterization, and Pharmacokinetic Evaluation of Novel Glipizide-phospholipid Nano-complexes with Improved Solubility and Bio-availability, *Pharmaceutical Nanotechnology*, Volume 10, Number 2, 2022, pp. 125-136.
- Rathor S, Bhatt DC. Novel Glibenclamide–Phospholipid Complex for Diabetic Treatment: Formulation, Physicochemical Characterization, and in-vivo Evaluation. *Indian J of Pharmaceutical Education and Research*. 2022;56(3):697-705.
- Kandav, G., Bhatt, D.C. & Singh, S.K. Effect of Different Molecular Weights of Chitosan on Formulation and Evaluation of Allopurinol-Loaded Nanoparticles for Kidney Targeting and in Management of Hyperuricemic Nephrolithiasis. *AAPS PharmSciTech* **23**, 144 (2022). <https://doi.org/10.1208/s12249-022-02297-7>.
- Rohilla Surbhi, Bhatt Dinesh Chandra, Stability studies of hollow microspheres at refrigerated, normal and accelerated conditions, *Research Journal of Pharmacy and Technology*, 14(10), 2021, 5351-5354.
- Kumar Sumit, Bhatt Dinesh Chandra, Influence of sodium alginate and calcium chloride on the characteristics of isoniazid loaded nanoparticles, *Research Journal of Pharmacy and Technology*, 14(1), 2021, 389-386.

- A Comprehensive Review on Microbubble Concept, Development and Its Application in Therapeutic Drug Delivery and Clinical Management of Disease ,Rathor, Sandeep; Aamir, Sheikh; Bhatt, Dinesh C.; Kumar, Krishan; Kumar, Vikash, Current Pharmaceutical Biotechnology, Volume 22, Number 11, 2021, pp. 1424-1443.
- Kumar Sumit, Bhatt Dinesh Chandra, Preparation and evaluation of isoniazid nano-structures, Research Journal of Pharmacy and Technology, 13(9), 2020, 4219-4223.
- Kandav Gurpreet, Bhatt DC, Jindal Deepak Kumar, Validation of HPLC method for quantifying allopurinol in serum and kidney homogenates of mice, Research Journal of Pharmacy and Technology, 13(1), 2020, 373-376.
- Surbhi Rohilla*, Dinesh Chander Bhatt, Shaveta Ahalwat Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology, Hisar, Haryana 125001, India. Fabrication of potential gastroretentive microspheres of itraconazole for stomach-specific delivery: Statistical optimization and in vitro evaluation, Journal of Applied Pharmaceutical Science Vol. 10(03), pp 119-127, March, 2020.
- Kandav, G., Bhatt, D.C., Jindal, D.K. *et al.* Formulation, Optimization, and Evaluation of Allopurinol-Loaded Bovine Serum Albumin Nanoparticles for Targeting Kidney in Management of Hyperuricemic Nephrolithiasis. *AAPS PharmSciTech* **21**, 164 (2020). <https://doi.org/10.1208/s12249-020-01695-z>
- Sumit Kumar, D C Bhatt, Sodium alginate nanoparticles of Isoniazid: Preparation and evaluation, International Journal of Pharmaceutical Sciences & Drug Research, 11(6), 2019, 382-386.
- Minkal, Munish Ahuja, D.C. Bhatt, Polyelectrolyte complex of carboxymethyl gum katira-chitosan:Preparation and characterization, International Journal of Biological Macromolecules 106 (2018) 1184–1191
- Therapeutic potential of phytomedicines and novel polymeric strategies for significant management of candidiasis, Surbhi Rohilla, D C Bhatt, Aditi Gupta, Current Pharmaceutical Design (Bentham Science), 24(16),2018, 1748-1765.
- Minkal, Munish Ahuja* and D. C. Bhatt, Carboxymethyl gum katira: synthesis, characterization and evaluation for nanoparticulate drug delivery, RSC Adv., 2015, 5, 82363–82373
- Sonika Rani and D C Bhatt, Effect of Eudragit® Polymers (Rs 100 And R1100) on The Release of Diclofenac Sodium From Microcapsules, European Journal of Pharmaceutical And Medical Research, 2017, 4 (10), 125-37.
- Various approaches of drug delivery: A Review, Sumit Kumar, Dinesh Chandra Bhatt, Invention Rapid: NDDS, (2), 2017: 1-9.
- A comprehensive review on role of nanoparticles in therapeutic delivery of medicine, Rathore Sandeep, Bhatt DC, Amis S, Singh SK, Kumar Vikas, Pharmaceutical Nanotechnology Today,(Pub: Bentham Science) Vol 5, No. 4, Dec 2017, pp 263-275 (13)
- Sonika Rani and D C Bhatt, Recent trends in microencapsulation: A review World J Pharm Sci 2017; 5(11): 106-114
- Surbhi Rohilla, D. C. Bhatt and Raman Rohilla, Novel drug delivery approaches for the management of oral candidiasis, Der Pharmacia Lettre, 2016, 8 (1):38-49.
- Priyanka Saharan, D. C. Bhatt, S. P. Saharan and Kavita Bahmani, The study the effect of polymer and surfactant concentration on characteristics of nanoparticle formulations, Der Pharmacia Lettre, 2015, 7 (12):365-371.
- Kavita Bahmani, D. C. Bhatt and Priyanka Saharan, Evaluation of alginate beads of an antiulcer drug using experimental design: Formulation and *in vitro* evaluation, Der Pharmacia Lettre, 2015, 7 (12):338-343
- Priyanka Saharan, D. C. Bhatt, S. P. Saharan and Kavita Bahmani Preparation and characterization of antidiabetic drug loaded polymeric Nanoparticles, Der Pharma Chemica, 2015, 7(12):398-404
- Kavita Bahmani and D.C. Bhatt, Influence of plasticizer concentration on physicochemical properties of an antiulcer drug in enteric coated pellets, Der Pharma Chemica, 2015, 7(12):405-410

- Sumit Kumar, Dinesh Chandra Bhatt, “Regulatory Perspective on Pharmaceutical Products in Indian Context”, paper presented in the seminar on the theme, ‘Regulatory perspectives of the drug approval process: Preparation & processing of IND and NDA’ organized by the Himalaya Institute of Pharmacy, Kala Amb, Sirmour (HP), 13 March 2015.
- A paper presented by, Jai Bharti Sharma, D.C.Bhatt, “Enhancement of the Bioavailability of Poorly Water-Soluble Drug Simvastatin in various formulations”, in the seminar on the theme, ‘Regulatory perspectives of the drug approval process: Preparation & processing of IND and NDA’ organized by the Himalaya Institute of Pharmacy, Kala Amb, Sirmour (HP), 13 March 2015.
- One paper entitled “Nanotechnology enhanced herbal therapeutics” was presented at Annual Convention (18th) of Society of Pharmacognosy on “Promotion and globalization of Indian herbal products-Perspectives and Prospects”. Sumit, D C Bhatt; organized by the Dept of Pharmaceutical Sciences, Maharshi Dayanand University Rohtak on February 21-22, 2014.
- One paper entitled “Targetted nanoparticles for treatment of tuberculosis” was presented at The UGC Sponsored National Seminar on “ Recent Trends and Innovations in Pharmaceutical Research”, Sumit, D C Bhatt; organized by Dept of Pharmaceutical Sciences, MDU Rohtak on March 8, 2014.
- Gupta Swati, Preeti, DC Bhatt, Chitosan-Sodium alginate nanoparticles as submicroscopic reservoirs for treating tuberculosis: Formulation, optimization and *in vitro* characterization, Symposium on Advances in Drug Delivery Systems-201, chitkara College of Pharmacy, April 8-9, 2011.
- Preeti, Gupta Swati, DC Bhatt, Formulation and evaluation of polymeric matrix films of aceclofenac, Symposium on Advances in Drug Delivery Systems-201, chitkara College of Pharmacy, April 8-9, 2011.
- Swati Gupta, Preeti Panchal, DC Bhatt, Preparation and characterization of chitosan-alginate nanoparticles of an antitubercular drug, IPGA sponsored National Seminar on “Current Trends in Pharmaceutical Education and Research” held at JCD Memorial College of Pharmacy, Sirsa on 12 March 2011 Abstract (P 37).
- Preeti, Swati Gupta, DC Bhatt, Formulation and comparative evaluation of niosomal gel of aceclofenac, IPGA sponsored National Seminar on “Current Trends in Pharmaceutical Education and Research” held at JCD Memorial College of Pharmacy, Sirsa on 12 March 2011 Abstract (P 30).
- Devraj, DC Bhatt, Mohd. Aqil, A Review: Different Generation Approaches of Transdermal Drug Delivery System, Journal of Chemical and Pharmaceutical Research. 2010, 2(4): 184-193. (ISSN 0975-7384)
- DC Bhatt, Biopharmaceutics and Clinical Pharmacokinetics-Ask Your Pharmacist. Journal of Global Pharma Technology. 2010, 2(3): 165-168. (ISSN 0975-8542)
- Devraj and DC Bhatt. Studies on enteric coated sustained timed-release tablets of metronidazole. Journal of Chemical and Pharmaceutical Research, 2010. 2(2): 226-232. (ISSN 0975-7384)
- Formulation and evaluation of an oral sustained delivery system for Ketoprofen, Vikas Bansal, DC Bhatt, Journal of Science and Pharmacy 2009;10(1):5-12. (ISSN 0972-3897)
- Preparation and evaluation of sustained release matrix tablets of Metformin hydrochloride, Mukesh Gothwal, DC Bhatt, Journal of Science and Pharmacy 2009;10(1):23-31. (ISSN 0972-3897)
- Formulation development and evaluation of extended release tablets of an antihypercholesterolemic drug, Jyoti, DC Bhatt, National Seminar on Emerging Trends in Drug Discovery and Formulation Development , February 21, 2009, Jan Nayak Ch. Devi Lal Memorial College of Pharmacy, Sirsa, Haryana.
- Formulation approaches and microbiological evaluation of metronidazole for buccal delivery, Nirmala Verma, Umesh Mukhija, Mukesh Gothwal, DC Bhatt, National Seminar, Panjabi University, Patiala, 3-5 March, 2009
- Formulation development and *in vitro* evaluation of extended release tablets of a highly water soluble drug, Jyoti Kirar, DC Bhatt, AICTE sponsored National Seminar on Emerging

- Trends in Pharmaceutical Sciences, March 21-22, 2009, Jamia Hamdard, New Delhi. (Abstract no.: PT 4).
- Time and pH dependent pulsatile delivery of Meloxicam solid dispersions for Rheumatoid arthritis, Mukhija U, Kumar M, Hada Amit, Bhatt DC, 61st IPC , Nirma University, Ahmedabad, Dec 11-13, 2009 (Abstract no. A-11).
 - Solubility enhancement of Meloxicam using Poloxamer, Umesh Mukhija ,Mukesh Kumar, Amit Hada , DC Bhatt, 14th Annual National Convention of APTI, October 3-4, 2009, Lachoo Memorial College of Sci. & Tech. Jodhpur (Abstract no. A-34).
 - DC Bhatt, AS Dhake, RK Khar, DN Mishra. *In vitro* percutaneous absorption enhancement of metoprolol tartrate through porcine skin using propylene glycol and fatty acids. *Acta Pharmaceutica Scientia*, 2008, (50):53-60.
 - DC Bhatt, AS Dhake, RK Khar, DN Mishra. Development and *in vitro* evaluation of transdermal matrix films of metoprolol tartrate, *Yakugaku Zasshi*, 2008, 128(9): 1325-1331.
 - Comparison of the effect of fatty acids on *in vitro* transdermal permeation of diltiazem hydrochloride, DC Bhatt, D N Mishra, *Agricultural and Biological Research*, 24(1): 49-63, 2008. (ISSN 0970-1970)
 - Buccoadhesive formulations of metronidazole: in vitro evaluation, Nirmala, Mukhija Umesh, Gothwal Mukesh, DC Bhatt, 60th IPC New Delhi, 12-14 December 2008, abstract no. PH-209.
 - Floating microspheres of ketoprofen: Formulation, characterization and in vitro evaluation, Vikas Bansal, DC Bhatt, “APTI National seminar on emerging trends in pharmaceutical education and research”, Lord Shiva college of Pharmacy, Sirsa, 28 April 2007, abstract-42.
 - Timed release tablets of metronidazole: formulation and evaluation, Devraj, DC Bhatt, APTI National seminar on emerging trends in pharmaceutical education and research, Sirsa, 28 April 2007, abstract-127.
 - Sustained release matrix tablets of cephalexin; formulation and evaluation, Surender Singh, DC Bhatt, “APTI National seminar on emerging trends in pharmaceutical education and research”, Lord Shiva college of Pharmacy, Sirsa, 28 April 2007, abstract-116.
 - Controlled release matrix tablets of cephalexin using HPMC and methyl cellulose, Surender Singh and DC Bhatt, “IPGA National Seminar on Recent trends in pharmaceutical education and research” (29-30, Sept 2007), held in Rajendra Institute of Technology and Science, Sirsa. Abstract no. 154.
 - Sustained release matrix tablets of cephalexin, S. Singh, DC Bhatt, “National symposium on controlled release in infection and cancer-Controlled Release Society-Indian chapter”, held at CDRI, Lucknow , on 18 June 2007.
 - Development and in vitro characterization of floating microspheres of ketoprofen, Vikas Bansal, DC Bhatt, 59th IPC Varanasi, 20-23 December 2007, Abstract no. A-512.
 - Preparation and evaluation of new co-processed directly compressible excipient of lactose and colloidal silicon dioxide” NK Yadav, DC Bhatt , R Dass, NK Langyan, Poster presented in the British Pharmaceutical Conference, Manchester 4-6 Sep 2006.
 - Effect of fatty acids on *in vitro* permeation of diltiazem hydrochloride through mouse skin, DC Bhatt, D N Mishra, *Journal of Science and Pharmacy* 2006;7(2):66-73. (ISSN 0972-3897)
 - Formulation of sustained release tablets using suitable grades of HPMC” A K Gupta, R K Sharma,S K Singh,DC Bhatt,D N Mishra, 42nd British Pharmaceutical Conference, Sep 2005(Abstract no. 033)
 - “Formulation and evaluation of buccoadhesive films for periodontal diseases using HPMC and carbopol”, Nirmala,A K Gupta, DC Bhatt, 57th IPC Hyderabad,2005. (Abstract no. A 26)
 - “Release behaviour of Diclofenac sodium from different polymers: A pulsatile drug delivery system” Virender Bariwal, DC Bhatt, 57th IPC Hyderabad, 2005. (Abstract no. AP 173)
 - “Formulation of matrix tablets of Propranolol hydrochloride using hydrophilic polymers” R K Sharma,Atul K Gupta, DC Bhatt, 57th IPC Hyderabad,2005. (Abstract no. A 28).

- Effect of Cryopreservation and Vehicles on in vitro Percutaneous permeation through Porcine Skin” DC Bhatt, A S Dhake, in Scientific Abstracts of 56th IPC, Kolkata, 3-5 Dec, 2004(AP 18,129).
- Preparation and Evaluation of Terbinafine Hydrochloride loaded Microemulsion Gel for Oral delivery” Kavita Dawra, DC Bhatt, Madhu Bindal”, in Scientific Abstracts of 56th IPC, Kolkata 3-5 Dec, 2004(AP 139,173).
- “Effect of Hydrophilic polymers on the Release of Propranolol Hydrochloride from Matrix Tablets” R K Sharma, DC Bhatt, in Scientific Abstracts of 56th IPC, Kolkata 3-5 Dec, 2004(AP 143, 174)
- The impact of Biotechnology and Molecular Biology on Drug Discovery and Development”, DC Bhatt, A S Dhake, in Scientific Abstracts of the APTI International Convention, Visakhapatnam, 2-3 Oct, 2004, (80)
- Emerging areas of Gene Therapy: An overview” DC Bhatt & A.S. Dhake, Journal of Science & Pharmacy, 4(2), 2003, 45-53.
- Liposomal drug delivery" DC Bhatt, N. Vasudeva, M. Parle, Pharma Times, Nov. 1998, p 21.
- Transfusion fluid manufacture & safe use: role of a clinical Pharmacist" by DC Bhatt, Indian Journal of Hospital Pharmacy, May-June 1996, 93-95.
- An Approach to the Formulation of a Transdermal Drug Delivery System of Promethazine Hydrochloride “DC Bhatt and G.P. Agarwal, Eastern Pharmacist, Sept.1995, 145-147.
- Targetted Drug Delivery in Cancer Therapy: A concept of Magic Bullets" DC Bhatt & Sandeep Kumar, Eastern Pharmacist, Aug. 1995, 49-52.
- Sustained Release formulations of Verapamil Hydrochloride by Microencapsulation". S.K. Singh, S.N. Singh, D.N. Mishra, DC Bhatt, A.K. Srivastav, in Abstracts of Int. Seminar on Recent Trends in Pharm. Sciences, Ootacamund, Feb. 1995, (c-34).
- Formulation and Evaluation of Transdermal patches of Promethazine Hydrochloride" DC Bhatt, S.K. Singh & G.P. Agarwal in abstracts of International Seminar on Recent Trends in Pharm. Sciences, Ootacamund, Feb. 1995,(c-30).
- Preparation and Evaluation of Ethylcellulose Microcapsules of Verapamil Hydrochloride": S.K. Singh, S.N. Singh, D.N. Mishra, DC Bhatt & A.K. Srivastava in Abstracts of International Seminar on Recent Trends in Pharm. Sciences, Ootacamund, Feb.1995, (c-36).
- Transdermal Therapeutic System of Promethazine Hydrochloride", DC Bhatt and G.P. Aggrawal in Scientific Abstracts of I.P.C., Chandigarh Dec. 1994, (a-15, p-17).

Invited Talks Delivered

- Delivered a talk on the topic “Innovations in teaching and learning in pharmaceutical sciences ” in the PCI sponsored Continuing Education Programme organized by Institute of Pharmaceutical Science, K.U. Kurukshetra on 15-03-2019.
- Delivered a talk on the topic “Transforming the faculty” in the PCI sponsored Continuing Education Programme organized by Columbia Institute of Pharmacy, Raipur, Chattisgarh on 16-12-2018.
- Delivered three lectures on the topic “A perspective on medical environment” in the Orientation Course, held at the HRD Centre of GJUST Hisar, on 25-05-2017.
- A lecture delivered on “Role of Chemistry in Drug Discovery and Development” in the Refresher Course (11-09-2012 to 01-10-2012) held at the Academic Staff College, GJUS&T, Hisar on 14-09-2012.

- Delivered an invited lecture on the topic “Pharmacotherapy of Tuberculosis: A Perspective” in the AICTE sponsored Faculty Development Programme organized by JCD College of Pharmacy, Sirsa on 19-06-2012.
- Delivered an invited lecture on the topic “Management of Tuberculosis: Targeting of Antitubercular Drugs” in the UGC sponsored Refresher Course in Pharmaceutical Sciences organized by Academic Staff College of BPS Mahila Vishwavidyalya, Khanpur Kalan, Sonapat on 30-05-2012.
- Delivered a talk on the topic “Management of Tuberculosis: Diagnosis and Pathophysiology” in the UGC sponsored Refresher Course in Pharmaceutical Sciences organized by Academic Staff College of BPS Mahila Vishwavidyalya, Khanpur Kalan, Sonapat on 30-05-2012.
- Delivered a talk on the topic “Novel Drug Delivery Approaches-I” in the Refresher Course in Life Science (09-12-2011 to 29-12-2011) held at the Academic Staff College, GJUS&T, Hisar on 24-12-2011.
- A lecture delivered on “Novel Drug Delivery Approaches-II” in the Refresher Course in Life Science (09-12-2011 to 29-12-2011) held at the Academic Staff College, GJUS&T, Hisar on 24-12-2011.
- Delivered a talk on “Permeation Enhancement Approaches in Transdermal Delivery” in the Faculty Development Programme conducted by the Punjab Technical University, Jalandhar at Chitkara College of Pharmacy, Rajpura, on 6-7 Aug 2010.
- Delivered a lecture on “Emerging Technologies in Transdermal Formulation” in the Refresher course in Pharmaceutical, Chemical and Health Sciences held at the Academic Staff College, GJUS&T, Hisar on 13 May 2010.
- Guest speaker in the “National Seminar on “Innovations in Novel Drug Delivery Systems” organized by R G College of Pharmacy, Gurgaon (Haryana) on 12-13 Dec 2009.

Books Published

- “Pharmaceutical Microbiology – Concepts & Techniques”, Authors: D.C. Bhatt & Asgar Ali, Birla Publications Pvt. Ltd., Delhi-110032, (2005). ISBN: 81-86270-71X.
- Manuscripts under preparation for 2 books namely, Pharmaceutical Biotechnology and Pharmaceutical Engineering.

Workshops, Refresher Courses & Seminars attended: 45

Additional Information

- Visited different Pharmaceutical Industries as Industrial tour Supervisor: Sun Pharmaceuticals, Dabur, Panacea, Max, Hamdard, INMAS etc.
- Life member of APTI, IPA.