

## **Resume of Dr. Dasharath M. Patel**



### **PERSONAL DETAILS:**

Name: Patel Dasharath Muljibhai  
Correspondence Address: A-65, Anmol Sahara  
Sahara Town sheep  
Radhanpur Road  
Mehsana- 384 002  
Phone (R): 9428386228  
Mobile: 9426379406  
Permanent Address: At: Manekpur, Ta: Dehgam, Dist: Gandhinagar  
Pin: 382315, Gujarat.  
Phone No: 9426379406  
Email: justdmpatel@rediffmail.com  
Date of Birth: 1<sup>st</sup> June 1971  
Gender: Male  
Language Proficiency: English, Hindi and Gujarati  
Computer Literacy: MS Office 2003 and Windows 2007

### **EDUCATIONAL QUALIFICATIONS:**

Examination	Board / University	Year of Passing	Percentage & Class Obtained
B. Pharm	Gujarat University	1997	62.00 First
M. Pharm	Gujarat University	1999	Grade-A
Ph. D (Pharmaceutical Sciences)	Hemchandracharya North Gujarat University	December 2005	NA

### **ACADEMIC HONOURS:**

1. Recipient of All India Council for Technical Education (AICTE) Fellowship of Rs. 45,000 for M. Pharm
2. Passed the National level examination GATE- 1997 with 95.37 percentile for admission to Master of Pharmacy

### **DISSERTATION TOPIC FOR POST GRADUATION:**

Studies to enhance dissolution of Piroxicam

### **PROJECT FOR DOCTORAL DEGREE:**

Development and characterization of fast dissolving formulations of some poorly water soluble drugs

### **INSTRUMENTAL EXPOSURE:**

UV-Spectrophotometer, IR-Spectrophotometer, HPTLC and HPLC

### **INSTITUTIONAL DEVELOPMENTAL ACTIVITIES:**

1. Actively involved in planning, organization and conduct of Pre-GATE examinations for students of 3<sup>rd</sup> and 4<sup>th</sup> B. Pharm for GATE exam preparation at Shri B. M. Shah College of Pharmaceutical Education & Research, Modasa, during 2002 to 2007
2. Involved with keen interest in the college development activities like, examinations, cultural activities, helping in preparation of Standard Inspection Form & Mandatory Disclosure for AICTE and purchase of instruments at Shri B. M. Shah College of Pharmaceutical Education & Research, Modasa, during 2003 to 2007
3. Actively involved in the preparation of Detailed Project Report for the proposal of M. Pharm course in the subject of Pharmaceutics & Pharmaceutical Technology at Shri B. M. Shah College of Pharmaceutical Education & Research, Modasa, during 2006-07
4. Actively involved in the preparation of Detailed Project Report for the proposal of M. Pharm course in the subject of Dosage Form Design & Biopharmaceutics at Shri Sarvajanik Pharmacy College, Mehsana, during 2007-08
5. Actively involved as a co-ordinator for the preparation of documents required for NBA (AICTE) accreditation at Shri Sarvajanik Pharmacy College, Mehsana, during 2007- 2008
6. Prepared documents required for NAAC (Banglore) accreditation and faced the inspection as a principal for the same at Parul Institute of Pharmacy, Limda, during 2009- 2010

### **PROGRAMMES CO-ORDINATED:**

1. Worked as a Programme coordinator for PCI, New Delhi sponsored two day "Orientation Programme for Pharmacy Teachers", organized at Shri Sarvajanik Pharmacy College, Mehsana, during 1<sup>st</sup> and 2<sup>nd</sup> February 2008
2. Worked as a Programme coordinator for State Level Cultural Events as a part of SSPC YOUTH FESTIVAL-DECCENIAL CELEBRATION, organized at Shri Sarvajanik Pharmacy College, Mehsana, on 2<sup>nd</sup> January 2009
3. Worked as a Programme coordinator for GUJCOST, Gandhinagar sponsored two day "State Level Paper Presentation Competition for Pharmaceutical Sciences", organized at Shri Sarvajanik Pharmacy College, Mehsana, during 9<sup>th</sup> and 10<sup>th</sup> January 2009
4. Worked as a Programme coordinator for ICMR, New Delhi sponsored National Seminar on "Discovery & Development of New Chemical Entity and Product Development: Expanding Horizons in Pharmaceutical Industry", organized at Shri Sarvajanik Pharmacy College, Mehsana, on 28<sup>th</sup> February 2009
5. Worked as a Course coordinator for GSPC, Ahmedabad sponsored two day "Refresher Course for Registered Pharmacists", organized at Deesa by Shri Sarvajanik Pharmacy College, Mehsana, during 24<sup>th</sup> and 25<sup>th</sup> July 2010

### **SERVICE AS RESOURCE PERSON:**

1. Served as an expert for evaluation, in 35<sup>th</sup> Science Fair of Sabarkantha district, held at Shri K. M. Patel Vidhyamandir, Idar, during 1<sup>st</sup> to 2<sup>nd</sup> February 2003
2. Served as an expert for evaluation, in Science Exhibition of Modasa taluka, held at Madani high school, Modasa, on 22<sup>nd</sup> September 2004
3. Served as an expert for evaluation, in Science Exhibition of Bayad taluka, held at Shreyas Vidhyamandir, Vadagam, on 3<sup>rd</sup> October 2005



Total research experience:

8 year

Year	Research Projects carried out	Publications	Presentations
2001-02	1. Formulation development study for piroxicam	2	-
2002-03	1. RP-HPLC method development and <i>in vitro</i> evaluation of marketed ciprofloxacin hydrochloride tablets 2. Formulation development of gastroretentive drug delivery system of carbamazepine 3. Studies in formulation of orodispersible tablets of rofecoxib. 4. Development and evaluation of microcrystalline cellulose from Absorbent cotton 5. RP-HPLC method for estimation of Celecoxib in Pharmaceutical dosage forms	- 2 1 1 -	1 - - 1 1
2003-04	1. Development of RP-HPLC method for evaluating Losartan potassium and Hydrochlorothiazide tablets 2. HPTLC Method Development for Pharmacokinetic Study of Sparfloxacin in Plasma 3. RP-HPLC and UV spectrophotometric methods for simultaneous estimation of candesartan cilexetil and hydrochlorothiazide in tablets 4. Formulation and evaluation of Transdermal patches of Diltiazem hydrochloride 5. Formulation and evaluation of Matrix tablets of Diltiazem hydrochloride 6. Formulation and evaluation of Dispersible Rofecoxib tablets 7. Effect of superdisintegrants on the dissolution rate of valdecoxib from tablets (Ph. D)	1 1 - - - - 1	- - 1 1 1 1 -
2004-05	1. Fast Dissolving Valdecoxib Tablets Containing Solid Dispersion of Valdecoxib (Ph. D) 2. Fast-Dissolving Rofecoxib Tablets: Formulation Development and Optimization (Ph. D) 3. Development and Validation of UV and HPTLC Method for the Estimation of etoricoxib (Ph. D) 4. Seed mucilage from <i>Ocimum americanum Linn</i> as disintegrant in tablets: Separation and evaluation (UGSP) 5. RP-HPLC and UV Spectrophotometric Methods for Simultaneous Estimation of Irbesartan and Hydrochlorothiazide in Tablets	1 1 1 1 -	2 - 1 - 1
2005-06	1. Development of fast dissolving etoricoxib tablets by sublimation technique (Ph. D) 2. Development of Floating drug delivery of Ranitidine Hydrochloride (UGSP) 3. Separation of seed mucilage from <i>Lepidium Sativum Linn</i> and its evaluation as a disintegrant in tablets (UGSP) 4. Formulation Development and Evaluation of Cold Cream Containing Aloe Vera (UGSP) 5. Development and Validation of a HPTLC Method for the Estimation of Valdecoxib	1 1 1 - -	- 1 1 1 1
2006-07	1. Formulation development study of Aceclofenac (UGSP) 2. Development of directly compressible adjuvant containing inbuilt binder and disintegrant (UGSP)	- -	- -

2007-08	<ol style="list-style-type: none"> <li>1. Formulation and In Vitro Evaluation of Floating Matrix Tablets of Domperidone: Influence of Combination of Hydrophilic and Hydrophobic Matrix Formers</li> <li>2. Gastric floating matrix tablets: Design and optimization using combination of polymers</li> <li>3. Studies on Formulation and in vitro Evaluation of floating matrix tablets of Domperidone</li> </ol>	1 1 1	- - -
2008-09	<ol style="list-style-type: none"> <li>1. Formulation of Fast Dissolving Aceclofenac Tablets: Comparative Study of Effect of Melttable Binders (UGSP)</li> <li>2. Sustained Release Tramadol Hydrochloride Tablet Formulation Containing Combined Matrix System (UGSP)</li> <li>3. Development and Validation of Analytical Methods for Simultaneous Estimation of Atorvastatin with Ramipril and Atorvastatin with Clopidogrel in their Solid Dosage Forms (PGSP-1)</li> <li>4. Estimation of Donepezil in Human Plasma by LC-MS/MS</li> <li>5. In Vitro- In Vivo Correlation of Modified Release Dosage Form of Lamotrigine</li> <li>6. Determination of Losartan and Losartan acid in human plasma by multiplexed LC-MS/MS</li> </ol>	- 1 - 1 1 1	1 1 - - - -
2009-10	<ol style="list-style-type: none"> <li>1. RP-HPLC Method Development and Validation for Simultaneous Estimation of Lornoxicam and Thiocolchicoside in their solid dosage forms (PGSP-2a)</li> <li>2. RP-HPLC Method Development and Validation for Estimation of Dapoxetine Hydrochloride in solid dosage forms (PGSP-2b)</li> <li>3. Formulation and Development of Enteric coated tablets of Mesalamine for colonic delivery (PGSP-3)</li> <li>4. Formulation, Optimization and Evaluation of Immediate Release tablets of Telmisartan (PGSP-4)</li> <li>5. Formulation and Evaluation of Buccal Adhesive Drug Delivery System of Lercanidipine (PGSP-5)</li> <li>6. Design and Evaluation of Modified Release Dosage Form containing anti smoking drug- Bupropion Hydrochloride (PGSP-6)</li> <li>7. Formulation and Optimization of Lorazepam fast dissolving tablets using synthetic and natural disintegrants (PGSP-7)</li> <li>8. Novel Drug Delivery Development and Characterization for intra vaginal in situ gelling system (PGSP-8)</li> <li>9. Development of a Floating In-situ Gelling System for Stomach Specific Drug Delivery of Baclofen</li> </ol>	1 - 1 1 1 1 - - 1	- - - - - - - - -
2010-11	<ol style="list-style-type: none"> <li>1. Formulation and Evaluation of Floating Oral in situ Gelling System of Amoxicillin (PGSP-9)</li> <li>2. Formulation and Evaluation of Mixed Matrix Gastroretentive Drug Delivery System for Famotidine (PGSP-10)</li> <li>3. Formulation and Evaluation of Sustained Release Tablet by Sintering Technique (PGSP-11)</li> <li>4. Design and Evaluation of Colon Targeted Modified Pulsincap Delivery of 5-Fluorouracil According to Circadian Rhythm (PGSP-12)</li> <li>5. Analytical Method Development and Validation of Metoprolol Tartrate and Chlorthalidone in Combined Dosage Form (PGSP-13)</li> <li>6. Design and evaluation of pH dependant mucoadhesive in situ gel of sodium Cromoglycate for nasal delivery (PGSP)</li> </ol>	1 - 1 - - 1	- - - - - -
<b>Total</b>		<b>32</b>	<b>17</b>

## **RESEARCH PUBLICATIONS:**

### **National:**

1. Studies to enhance dissolution of Piroxicam, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2003, 65(3), 264-267
2. Tablet formulation of Piroxicam containing PVP K-30 and Sodium Lauryl Sulphate, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2004, 66(1), 49-55
3. Effect of superdisintegrants on the dissolution rate of valdecoxib from tablets, **International Journal of Pharmaceutical Excipients**, July-September 2004, 3(3), 64-68
4. Studies in formulation of Orodispersible tablets of rofecoxib, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2004, 66(5), 621-625
5. Development and evaluation of microcrystalline cellulose from Absorbent cotton, **International Journal of Pharmaceutical Excipients**, October-December 2004, 3(4), 93-98
6. Development of RP-HPLC method for evaluating Losartan potassium and Hydrochlorothiazide tablets, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2005, 67(1), 37-42
7. HPTLC Method Development for Pharmacokinetic Study of Sparfloxacin in Plasma, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2005, 67(6), 687-690
8. Fast Dissolving Valdecoxib Tablets Containing Solid Dispersion of Valdecoxib, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2006, 68(2), 222-226
9. Development and Validation of HPTLC Method for the Estimation of Etoricoxib, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2006, 68(6), 222-226
10. Separation of seed mucilage from *Lepidium Sativum Linn* and its evaluation as a disintegrant in tablets, **International Journal of Pharmaceutical Excipients**, April-June 2006, 5(2), 58-62
11. Seed Mucilage from *Ocimum Americanum Linn*. As disintegrant in Tablets: Separation and Evaluation, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2007, 69(3), 431-435
12. Formulation and Optimization of Carbamazepine Floating Tablets, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2007, 69(6), 763-767
13. Optimization of Fast Dissolving Etoricoxib Tablets Prepared by Sublimation Technique, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2008, 70(1), 71-76
14. Studies on Formulation and in vitro Evaluation of Floating Matrix Tablets of Domperidone, **Indian Journal of Pharmaceutical Sciences (ISSN: 0250-474X)**, 2009, 71(1), 19-23
15. Design and Evaluation of Modified Release Dosage Form Containing Bupropion Hydrochloride, **Research Journal of Pharmaceutical Dosage Forms and Technology (ISSN: 0975-234X)**, 2010, 2(1), 47-51
16. Formulation and Evaluation of Buccal Adhesive Drug Delivery System of Lercanidipine, **Research Journal of Pharmaceutical Dosage Forms and Technology (ISSN: 0975-234X)**, 2010, 2(2), 5-12
17. Formulation and Development of Enteric Coated pH Dependent Compression Coated Tablets of Mesalamine, **Journal of Global Pharma Technology (ISSN: 0975 – 8542)**, 2010, 2(1), 118-124
18. Formulation, Optimization and Evaluation of Immediate Release Tablet of Telmisartan, **Journal of Global Pharma Technology (ISSN: 0975 – 8542)**, 2010, 2(2), 79-84
19. Validated RP-HPLC method for simultaneous estimation of Lornoxicam and Thiocolchicoside in solid dosage form, **Journal of Chemical and Pharmaceutical Research (ISSN: 0975 – 7384)**, 2010, 2(2), 563-572

20. Design and evaluation of pH dependant mucoadhesive in situ gel of sodium Cromoglycate for nasal delivery, **International Journal of Advances in Pharmaceutical Research (ISSN: 2230 – 7583)**, 2011, 2(3), 64-77
21. Formulation optimization of sustained release tramadol hydrochloride tablet using full factorial design, **International Journal of Advances in Pharmacy and Nanotechnology (ISSN: 2231 – 3966)**, 2011, 1(2), 39-50
22. Design of controlled release non-erodible polymeric matrix tablet using microwave oven-assisted sintering technique, **Journal of Young Pharmacists**, 2011, 3(3), 176-180

#### **International:**

1. Gastroretentive Drug Delivery System of Carbamazepine: Formulation Optimization Using Simplex Lattice Design: A Technical Note, **AAPS PharmSciTech (ISSN: 1530-9932)**, 2007, 8 (1) Article 11
2. Fast-Dissolving Rofecoxib Tablets: Formulation Development & Optimization Using Factorial Design, **Drug Delivery Technology (ISSN: 1944-818X)**, 2007, 7 (2), 34-39
3. Floating Granules of Ranitidine Hydrochloride-Gelucire 43/01: Formulation Optimization Using Factorial Design, **AAPS PharmSciTech (ISSN: 1530-9932)**, 2007, 8 (2) Article 30
4. Formulation and In Vitro Evaluation of Floating Matrix Tablets of Domperidone: Influence of Combination of Hydrophilic and Hydrophobic Matrix Formers, **Journal of Pharmacy and Chemistry (ISSN: 0973-9874)**, 2008, 2 (1), 54-59
5. Gastric floating matrix tablets: Design and optimization using combination of polymers, **Acta Pharmaceutica (ISSN: 1330-0075)**, 2008, 58, 221-229
6. A rapid and specific approach for direct measurement of Donepezil concentration in human plasma by LC-MS/MS employing solid phase extraction, **Biomedical Chromatography (ISSN: 0269-3879)**, 2009, 23, 141-151
7. Rapid determination of Losartan and Losartan acid in human plasma by multiplexed LC-MS/MS, **Journal of Separation Science (ISSN: 1615-9314)**, 2009, 32, 3388-3394
8. In Vitro- In Vivo Correlation of Modified Release Dosage Form of Lamotrigine, **Biopharmaceutics & Drug Disposition (ISSN: 0142-2782)**, 2009, 30, 524-531
9. Development of a Novel Floating In-situ Gelling System for Stomach Specific Drug Delivery of the Narrow Absorption Window Drug Baclofen, **Iranian Journal of Pharmaceutical Research (ISSN: 1735-0328)**, 2010, 9 (4), 359-368
10. Formulation and Evaluation of Floating Oral In Situ Gelling System of Amoxicillin, **International Scholarly Research Network- ISRN Pharmaceutics**, 2011, Article ID 276250.

#### **REVIEW PUBLICATIONS:**

1. A Review on Time-Dependent Systems for Colonic Delivery, **Journal of Global Pharma Technology (ISSN: 0975 – 8542)**, 2010, 2(1), 65-71
2. Self Emulsifying Drug Delivery System, **Journal of Global Pharma Technology (ISSN: 0975 – 8542)**, 2010, 2(2), 29-37
3. An Overview on Intelligent Drug Delivery Systems, **International Journal of Advances in Pharmaceutical Research (ISSN: 2230 – 7583)**, 2011, 2(2), 57-63
4. Microwave Assisted Heating – An Alternative to Conventional Heating in Pharmaceutical Research, **International Journal of Advances in Pharmaceutical Research (ISSN: 2230 – 7583)**, 2011, 2(3), 87-95

5. Multiparticulate System: A Novel Approach in Gastro-Retentive Drug, **International Journal of Advances in Pharmaceutical Research (ISSN: 2230 – 7583)**, 2011, 2(4), 96-106

**PRESENTATIONS/ ABSTRACTS:**

1. Development and Evaluation of Microcrystalline cellulose from absorbent cotton, in **GUJCOST** sponsored State Level Paper Presentation Competition Abstract, held at Shri S. K. Patel College of Pharmacy, Kherva during 17<sup>th</sup> - 18<sup>th</sup> October 2003
2. RP-HPLC method development and *in vitro* evaluation of marketed ciprofloxacin hydrochloride tablets, presented at **IPC'55**, held at Chennai during 19<sup>th</sup> - 21<sup>st</sup> December 2003
3. RP-HPLC method for estimation of Celecoxib in Pharmaceutical dosage forms, presented at **IPC'55**, held at Chennai during 19<sup>th</sup> - 21<sup>st</sup> December 2003
4. RP-HPLC and UV spectrophotometric methods for simultaneous estimation of candesartan cilexetil and hydrochlorothiazide in tablets, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Anand Pharmacy College, Anand during 23<sup>rd</sup> - 24<sup>th</sup> December 2004
5. Formulation and evaluation of Transdermal patches of Diltiazem hydrochloride, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Anand Pharmacy College, Anand during 23<sup>rd</sup> - 24<sup>th</sup> December 2004
6. Formulation and evaluation of Matrix tablets of Diltiazem hydrochloride, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Anand Pharmacy College, Anand during 23<sup>rd</sup> - 24<sup>th</sup> December 2004
7. Formulation and evaluation of Dispersible Rofecoxib tablets, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Anand Pharmacy College, Anand during 23<sup>rd</sup> - 24<sup>th</sup> December 2004
8. Valdecoxib solid dispersion tablets with improved dissolution, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Anand Pharmacy College, Anand during 23<sup>rd</sup> - 24<sup>th</sup> December 2004
9. Studies on release of Valdecoxib from its solid dispersion systems, presented at **International Symposium** on Recent Advances in Drug Design & Delivery Systems, held at BITS, Pilani (Rajasthan) during 26<sup>th</sup> - 27<sup>th</sup> February 2005
10. RP-HPLC and UV Spectrophotometric Methods for Simultaneous Estimation of Irbesartan and Hydrochlorothiazide in Tablets, in **UGC sponsored** state level seminar on Recent Trends in Chemical Sciences, held at S. M. Panchal Science College, Talod (Gujarat) during 26<sup>th</sup> - 27<sup>th</sup> Feb 2005
11. Formulation and Optimization of Multi-unit Gastroretentive Delivery of Ranitidine Hydrochloride, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at K. B. Institute of Pharmaceutical education and Research, Gandhinagar during 18<sup>th</sup> - 19<sup>th</sup> February 2006
12. Formulation Development and Evaluation of Cold Cream Containing Aloe vera, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at K. B. Institute of Pharmaceutical education and Research, Gandhinagar during 18<sup>th</sup> - 19<sup>th</sup> February 2006
13. Exploration of Mucilage obtained from Lepidium Sativum Linn as a Pharmaceutical Excipient, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at K. B. Institute of Pharmaceutical education and Research, Gandhinagar during 18<sup>th</sup> - 19<sup>th</sup> February 2006
14. Development and Validation of a HPTLC Method for the Estimation of Etoricoxib, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at K. B. Institute of Pharmaceutical education and Research, Gandhinagar during 18<sup>th</sup> - 19<sup>th</sup> February 2006

15. Development and Validation of a HPTLC Method for the Estimation of Valdecoxib, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at K. B. Institute of Pharmaceutical education and Research, Gandhinagar during 18<sup>th</sup> - 19<sup>th</sup> February 2006
16. Preparation and evaluation of chitosan microspheres containing Tacrine, presented at **IPC'59**, held at Varanasi during 20<sup>th</sup> – 23<sup>rd</sup> December 2007
17. Formulation of Fast Dissolving Aceclofenac Tablets: Comparative Study of Effect of Meltable Binders, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Shri Sarvajanik Pharmacy College, Mehsana during 9<sup>th</sup> - 10<sup>th</sup> January 2009
18. Characterization of Disintegration Properties of *Moringaoleifera gum* in Formulation of Dispersible Tablets, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Shri Sarvajanik Pharmacy College, Mehsana during 9<sup>th</sup> - 10<sup>th</sup> January 2009
19. Sustained Release Tramadol Hydrochloride Tablet Formulation Containing Combined Matrix System, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Shri Sarvajanik Pharmacy College, Mehsana during 9<sup>th</sup> - 10<sup>th</sup> January 2009
20. Development and Evaluation of Sustain Release Formulation of Isoxsuprine Hydrochloride, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Shri Sarvajanik Pharmacy College, Mehsana during 9<sup>th</sup> - 10<sup>th</sup> January 2009
21. Upgrading Good Manufacturing Practices Regulations (GMP) Prescribed in Schedule M to Drugs & Cosmetics Rules, in **GUJCOST sponsored** State Level Paper Presentation Competition Abstract, held at Shri Sarvajanik Pharmacy College, Mehsana during 9<sup>th</sup> - 10<sup>th</sup> January 2009

**QIP- PROGRAMMES ATTENDED:**

1. AICTE/ ISTE sponsored Programme on **Bioavailability, Quality Assurance and Clinical Investigations of Drugs**, held at, College of Pharmaceutical Sciences, Manipal, during 2<sup>nd</sup> to 15<sup>th</sup> July 2001
2. AICTE sponsored Quality Improvement Programme on **Recent Trends in Pharmaceutical Technology**, held at JSS college Of Pharmacy, Ootacamund, during 9<sup>th</sup> to 22<sup>nd</sup> March 2003
3. AICTE sponsored **Staff Development Programme**, held at Faculty of Pharmacy, JAMIA HAMDARD, New Delhi, during 22<sup>nd</sup> September to 6<sup>th</sup> October 2003
4. AICTE/ISTE sponsored STTP on **Current Trends in Formulation Technology of New Drug Delivery Systems**, held at Institute of Pharmacy, Nirma University of Science & Technology, Ahmedabad, during 1<sup>st</sup> to 15<sup>th</sup> November 2003
5. Attended PCI, New Delhi sponsored two day '**Orientation Programme for Pharmacy Teachers**, held at Shri Sarvajanik Pharmacy College, Mehsana, during 1<sup>st</sup> and 2<sup>nd</sup> February 2008

**SEMINARS/ WORKSHOPS ATTENDED:**

1. Attended North Gujarat University sponsored workshop on **Paper Setting Techniques & Evaluation Systems for Pharmacy Teachers**, held at Shri S. K. Patel College of Pharmacy, Kherva, on 27<sup>th</sup> July 2003
2. Attended **Scientific Session** at IPC'55, held at Chennai during 19<sup>th</sup> - 21<sup>st</sup> December 2003
3. Attended National assessment and accreditation council, Bangalore sponsored one day workshop on **Accreditation for ensuring quality education and preparation of SSR for accreditation**, held at SKSBM management forum of the Department, Hemchandracharya North Gujarat University, Patan, on 9<sup>th</sup> October 2004
4. Attended **International Symposium on Recent Advances in Drug Design & Delivery Systems**, held at BITS, Pilani (Rajasthan) during 26<sup>th</sup> - 27<sup>th</sup> February 2005

5. Attended seminar on **Exploring Nanotechnology in Pharmaceutical Applications**, held at Faculty of Pharmacy, MS University, Vadodara (Gujarat) during 29<sup>th</sup> - 30<sup>th</sup> July 2005
6. Attended national seminar on **Clinical Research: Current status and future prospects**, sponsored by Intas Pharmaceutical Ltd., Ahmedabad and held at Vidyabharti Trust College of Pharmacy, Umrakh (Gujarat) during 6<sup>th</sup> - 7<sup>th</sup> January 2007
7. Attended SKSBM management forum of the Department, HNGU, Patan sponsored one day workshop on **Preparation of SSR for National assessment and accreditation council (NAAC) accreditation**, held at SKSBM management forum of the Department, Hemchandracharya North Gujarat University, Patan, on 13<sup>th</sup> January 2007
8. Attended GUJCOST, Gandhinagar sponsored one day workshop on **Patent Awareness**, held at Shri Sarvajanic Pharmacy College, Mehsana, on 14<sup>th</sup> July 2007
9. Attended APTI Gujarat State branch sponsored symposium on **Scientific Writing: Skills & Ethics** and panel discussion on **Educational Sensex in Pharmacy: How to maintain?**, held at Shri B. M. Shah College of Pharmaceutical Education & Research, Modasa, on 5<sup>th</sup> August 2007
10. Attended National Seminar on **Statistical Design of Experiments (DOE): Concepts and Applications in Pharmaceutical Research**, held at Maliba Pharmacy College, Gopal Vidyanagar, Bardoli (Gujarat) during 21<sup>st</sup> - 22<sup>nd</sup> February 2009
11. Attended ICMR, New Delhi sponsored National Seminar on **Discovery & Development of New Chemical Entity and Product Development: Expanding Horizons in Pharmaceutical Industry**, held at Shri Sarvajanic Pharmacy College, Mehsana, on 28<sup>th</sup> February 2009

**STUDENT GUIDANCE:**

Approved **Ph.D Teacher** for **Pharmaceutics & Pharmaceutical Technology** in **Gujarat Technological University, Ahmedabad**

Approved **Ph.D Teacher** for **Pharmaceutics & Pharmaceutical Technology** in **RK University, Rajkot**

Approved **Ph.D guide** for **Pharmaceutics & Pharmaceutical Technology** in **JJT University, Rajasthan**

Approved **Post Graduate Teacher** for **Pharmaceutics & Pharmaceutical Technology** in **Hemchandracharya North Gujarat University, Patan** [Vide letter: PG /47/2354/2006 dated 10/03/2006]

Guided 13 students for M. Pharm dissertations

Guided **Thirty four** students of the **Final B. Pharm** for their **elective subject** topics during the academic years 2002-2010

**REFEREE FOR JOURNALS:**

Working as a referee for AAPS PharmSciTech, an online journal of American Association of Pharmaceutical Scientists and three other Journals

**AREA OF INTEREST:**

Formulation development of Conventional and Novel Drug Delivery Systems

**BOOK PUBLICATION:**

1. **Pharmaceutical Engineering II** for B. Pharm Semester III as per GTU syllabus