

Curriculum Vitae

Basic Information

Name: Dr. Indermeet Singh Anand
B. Pharm., M.Sc (Medical Pharmacology),
PDCR, Ph.D



Designation: Professor & Head,
Department of Pharmacology & Clinical
Pharmacy,
Shri Sarvajani Pharmacy College,
Near Arvind Baug, Mehsana,
Gujarat, India-384001.

Date of Birth: 8th September, 1969

Nationality: Indian

Religion: Sikh

Mothers Name: Dr.Avinash Kaur Anand, M.D(Physiology)

Fathers Name: Dr. Jaspal Singh Anand, DCH, MD
(Pediatrics)

Marital Status: Married

Physical Standards: Height: 5'5", Weight: 65 kgs, Eyesight:
Normal

Blood group: AB, Rh+ve

Linguistic Fluency: English, Hindi and Gujarati

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EDUCATIONAL QUALIFICATION

Examinations Passed	Institute & University	Year of Passing	Result
Doctor of Philosophy (Pharmacy)	Shri Sarvajanik Pharmacy College & Hemchandracharya North Gujarat University, Patan	2004	Awarded*
PDCR	Catalyst Clinical Services	2008	Awarded
M.Sc. (Medical Pharmacology)	M. P. Shah Medical College, Jamnagar, Saurashtra University	1994	62.50 % [#]
B. Pharm.	B. K. Modi Government Pharmacy College, Rajkot & Saurashtra University	1991	68.00 %

*Ph.Dtopic: To evaluate the effect of certain micronutrients and other supplements on blood glucose and lipid profile in NIDDM.

[#]M.Sc thesis topic: A study of modification of effects of Angiotensin – II by Morphine & related compounds in isolated animal tissue.

PROFESSIONAL EXPERIENCE

Sr.	Name of organization	Designation	Time Period DD-MM-YYYY	Duration
1	Smt. R. D. Gardi Govt., Diploma Pharmacy College, Lakhtar, Dist. Surendranagar, Gujarat	Visiting Lecturer	01-01-1994 to 15-04-1994	3 Months 15 days
2	Torrent Pharmaceuticals Ltd., Ahmedabad	Scientist – II	22-06-1994 to 31-12-1995	1 Year 6 months 9 days
3	Torrent Research Centre, Ahmedabad	Scientist – II	01-01-1996 to 30-08-1998	2 Years 8 Months
4	Shri Sarvajanik Pharmacy College, Mehsana	Lecturer	03-10-1998 to 14-06-2001	2 Years 8 months, 11 days
5	Shri Sarvajanik Pharmacy College, Mehsana	Assistant Professor	15-06-2001 to 31-07-2006	5 Years 1 month, 16 days
6	Shri Sarvajanik Pharmacy College, Mehsana	Professor & Principal (I/C)	14-06-2003 to 19-05-2004	11 months 5 days
7	Shri Sarvajanik Pharmacy College, Mehsana	Professor	01-08-2006to till date	7 Years 7 months

Involvement in various responsibilities in different job profile

1. As Visiting Lecturer

Conducted theory and practical classes of Diploma Pharmacy students for subjects like Human Anatomy Physiology and Health Education, Health Education and Community Pharmacy, Hospital and Clinical Pharmacy, Pharmacology and Toxicology, Pharmaceutics I & II and Pharmaognosy.

2. As Scientist II (Clinical Research & Regulatory Affairs)

- Registration for Drugs with Drug Controller General of India (DCGI) (T-Licence and permission for Bio-equivalence and Clinical trials)
- In Clinical trials and Bio-equivalence
 - Preparation of protocols
 - Coordinating for clinical trials and bio-equivalence study
 - Analysing raw data for final report for bio-equivalence and clinical trials
 - Preparation of final reports
 - Slide preparation for presentation to DCGI
- Preparation of application dossiers for manufacturing and marketing permission and registration dossiers as per guidelines for various countries.
- Preparation of product manuals, package inserts and patient information booklets
- Doing literature search & maintaining product master file
- Conducting training programs for field staff and answering queries from doctors

3. As Scientist II (Pharmacology and Toxicology)

- Screening of molecules by various methods
- Standardizing new models and surgical techniques for new molecules (in vivo & vitro) using the MaLab & other systems.
- Preparing protocols and carrying out pharmacokinetic and toxicity studies in animals
- Doing literature search.

4. As Lecturer/Assistant Professor/Principal(In charge)/Professor

- Joined as a faculty at Shri Sarvajani Pharmacy College (SSPC) since its inception in 1998.
- Involved in designing and lay out of the institute including the laboratories.
- Teaching and guiding B. Pharm and M. Pharm students.
- Identification of projects for M. Pharm. Clinical Pharmacy & Pharmacology students.
- Preparing and evaluating study protocols, CRF, ICF of M. Pharm. students.
- Liasoning with hospitals, CROs, investigators for training and clinical projects of M. Pharm. students.
- Involved in college development activities like academic planning, examinations, preparation of Standard Inspection Form & Mandatory Disclosure for AICTE and purchase of equipments at Shri Sarvajani Pharmacy College, Mehsana.
- Actively involved in preparation of documents required for NBA (AICTE) accreditation at Shri Sarvajani Pharmacy College, Mehsana, during 2007-2008.

- Actively engaged in organizing cultural events, sports week, annual day celebrations, teacher's day celebrations etc.
- Actively involved in publication of college brochure and placement book, organizing seminars, conferences and guest lectures at the institute.
- Involved in organizing health camps, blood donation camps, Pulse Polio Drive.
- Planned and developed the animal house of Shri Sarvajanik Pharmacy College.
- Constituted Institutional Animal Ethics Committee of Shri Sarvajanik Pharmacy College, Mehsana, registered it with CPCSEA, New Delhi & am the Member Secretary of SSPC IAEC since 01/06/2002.
- Instrumental in constituting the Independent Ethics Committee (IEC) of Shri Sarvajanik Pharmacy College (SSPC), acting as the Member Secretary of SSPC IEC since 05/01/2001.
- Prepared and submitted the application for registration of SSPC IEC to DCGI.
- Chairperson of the Dissection Monitoring Committee of Shri Sarvajanik Pharmacy College formed as per the guidelines of UGC.
- In charge of Planning and Conduct of Internal Exams at Shri Sarvajanik Pharmacy College since 1998.
- In charge of Affiliation and Accreditation Committee of Shri Sarvajanik Pharmacy College.
- Member of Attendance Monitoring Committee of Shri Sarvajanik Pharmacy College.
- Member of Anti-Ragging committee of Shri Sarvajanik Pharmacy College.
- Member of Syllabus Review and Development Committee of Shri Sarvajanik Pharmacy College.
- Member of Industrial and Professional Visit Committee of Shri Sarvajanik Pharmacy College.
- Previously was in charge of professional activities of IPA/APTI/GPTA/IPS/IHPA at Shri Sarvajanik Pharmacy College from 1998 to 2012.
- Had key role in establishing Alumni Association of Shri Sarvajanik Pharmacy College. I am in charge of SSPC Alumni Association since 30/06/2004.
- Convener of PharmaChamp, a state level inter-pharmacy college Badminton and Table Tennis championship being organized every year by Shri Sarvajanik Pharmacy College, since 2008.
- Programme Coordinator of Baba Saheb Ambedkar Open University (BAOU), Study Centre as Shri Sarvajanik Kelavani Mandal, Mehsana since 01/03/2007.
- Member of IAEC at Shree Krishna Institute of Pharmacy, Bechraji, Dist. Mehsana since 2010.
- Member of the Dissection Monitoring Committee at Shree Krishna Institute of Pharmacy, Bechraji, Dist. Mehsana since March 2014.
- Member of Academic Council of Hemchandracharya North Gujarat University, Patan for the term January, 2003 to December, 2003.
- Nominated by the Vice Chancellor to the Board of Studies of Hemchandracharya North Gujarat University, Patan for the term 5/11/03 to 22/12/05.
- Examiner and Paper setter for following universities:
 - Hemchandracharya North Gujarat University, Patan
 - Ganpat University, Kherva
 - Nirma University, Ahmedabad

- Gujarat University
- Saurashtra University
- Gujarat Technological University, Ahmedabad
- Jodhpur National University, Jodhpur.

- **Subjects Taught in undergraduate and postgraduate level**

At Undergraduate level (B. Pharm.)

Anatomy Physiology & Health Education
 Pharmaceutical Jurisprudence
 Hospital Pharmacy
 Clinical Pharmacy
 Pharmacology and chemotherapy
 Pharmacology and drug bio-evaluation

At Postgraduate level (M. Pharm.)

Clinical Pharmacy Practice
 Clinical and Hospital Pharmacy
 Applied Pharmacotherapeutics 1 & 2
 Clinical Research and Regulatory Affairs
 Cellular and Molecular Pharmacology
 Clinical and Hospital Pharmacy
 Pharmacometrics and Methods of biological evaluation of drugs
 Clinical Research and Pharmacy Practice

- **Ph.D Guideship:**

1. Approved as Ph.D guide by Hemchandracharya North Gujarat University (HNGU), Patan since 30/09/2008. Letter No. PG/Guide/8495/2008 dated 30/09/2008.

List of research scholars guided (with topic) and status of degree award at HNGU		
Name	Project topic	Status
Mr. Devang J. Pandya	Phytopharmacognostical Studies and Investigation of Therapeutic Potential of <i>Oxystelma esculentum</i> R. BR	Awarded
Mr. Kamal M. Modh	Phytopharmacological Evaluation of <i>Bauhinia Variegata</i> Linn. with reference to Diabetes.	Awarded
Mr. Hitesh D. Karen	Design and development of gastro-retentive drug delivery system of a novel prokinetic agent.	Awarded
Mr. Hiren R. Chaudhary	Phytopharmacological Screening of Selected Immunomodulatory Medicinal Plants	Pursue
Mr. Snehal H. Prajapati	Pharmacological screening of <i>Madhuca Indica</i> J. F. Gmel	Pursue
Mr. P. S. Mesariya	Pharmacological screening of <i>Lagerstromia Speciosa</i> (Linn.) Banaba.	Pursue
Ms. Zalak N. Patel	Evaluation of Nuclear Factor Kappa B Inhibitor in Diabetic Nephropathy.	Pursue
Mr. Kulin Varma	A Multi-Center, Non-Randomized Study to Assess the Efficacy and Safety of Dipeptidyl peptidase 4 Inhibitors (DPP-IV Inhibitors) in Patients with Type 2 Diabetes Mellitus (T2DM) in Gujarat	Pursue
Mr. Niraj A. Shah	A study to assess the immunological efficacy and safety of antiretroviral therapy in patients with HIV infection	Pursue
Ms. Purva B. Patel	Triple antiplatelet therapy and incidence of drug resistance.	Pursue

2. Approved as Ph.D guide by R. K. University, Rajkot since 2011.
http://rku.ac.in/pharmacy/guidelist.aspx?pg=aca&sid=be_ce

3. Approved as Ph.D guide by Gujarat Technological University (GTU), Ahmedabad since 2012. Letter No. GTU/PHD/Supervisor List/5743 dated 31st May, 2012

<http://gtu.ac.in/PHD/2012/31512.pdf>

List of research scholars guided (with topic) and status of degree award at GTU		
Name	Project topic	Status
Mr. Suresh V. Patel	Phytopharmacological evaluation of <i>Blumea hieracifolia DC</i>	Pursue

- **P.G. Teacher:** Approved as P.G teacher since 24/02/2004 by Hemchandracharya North Gujarat University, Patan. Letter No. ANU/47/2701/2004 dated 24/02/2004.

List of post graduate projects guided (with topic) branch and year wise			
Name of Student	Thesis Topic	Branch	Year
Patel Deval B	Method Development and Validation of LC Method for the Estimation of Montelukast in Human Plasma	Quality Assurance	2006-07
Patadia Nirali S.	Analytical Method Development and Validation of Olmesartan and Amlodipine in Pharmaceutical Dosage Form	Quality Assurance	2007-08
Gho Aehsanali	Bortezomib in Renal Transplantation as Immunosuppressant	Clinical Pharmacy	2008-09
Patel Achal	Cardiac Resynchronization Therapy Usage in Heart failure in the Indian Population : Single Centre Experience	Clinical Pharmacy	2008-09
Hetal Patel	An open Label Randomized Study to find out the Efficacy of Amiodarone in the Pharmacological Conversion of Atrial Fibrillation with its safety effects Profile in the Indian Population	Clinical Pharmacy	2008-09
Varma Kulin	Bioequivalence study of Tolterodine ER Capsule	Clinical Pharmacy	2008-09
Vahora Altaf I.	Study of Cyclophosphamide as Immunosuppressant in Renal Transplantation	Clinical Pharmacy	2008-09
Dave Ruchir D	Bioequivalence study of etodolac tablets 500mg with etodolac tablet USP 500mg of Taro pharmaceutical industries Ltd.	Clinical Pharmacy	2009-10
Patel Jatinkumar M	Pharmacoeconomic analysis & clinical outcome between stent (cypher) therapy and medication therapy in a single vessel blockade patients	Clinical Pharmacy	2009-10
Patel Manankumar A	Prescription pattern of antihypertensive drugs in patients with chronic kidney disease	Clinical Pharmacy	2009-10
Patel Vinodbhai D	Dual vs triple antiplatelet therapy following successful coronary stenting: impact on lipid profile.	Clinical Pharmacy	2009-10
Patel Hirenkumar R	A Study to compare clinical outcome and pharmacoeconomical evaluation of bare metal stent and drug(zotarolimus) eluting stent	Clinical Pharmacy	2009-10

Patel Pratik	Comparison of primary angioplasty and intravenous thrombolytics in acute myocardial infarction	Clinical Pharmacy	2010-11
Patel Purva B.	Evaluation of compliance and blood pressure reduction in patients treated with amlodipine and metoprolol single pill combination Vs. its individual components	Clinical Pharmacy	2010-11
Patel Dipesh	Evaluation of central nervous system activity of cilostazol	Clinical Pharmacy	2010-11
Modi Dhvani	Bioequivalence study of pantoprazole 40mg tablet in healthy human volunteers under FED condition	Clinical Pharmacy	2010-11
Modi Niki	Comparative study of efficacy and safety of clopidogrel versus prasugrel in patient with acute coronary syndrome	Clinical Pharmacy	2010-11
Parag R Patel	Evaluation of surgical outcomes of cataract	Clinical Pharmacy	2011-12
Poonam K Patel	Management of pediatric meningitis	Clinical Pharmacy	2011-12
Dipal S Patel	Comparison of combination therapy in treatment of hypertension: Amlodipine with indapamide or losartan	Clinical Pharmacy	2011-12
Monika A Modi	Comparative study of efficacy and safety of prasugrel versus clopidogrel in patients with acute coronary syndrome undergone PCI procedure	Clinical Pharmacy	2011-12
Sanket Shah	Retrospective study of efficacy & safety of Rosuvastatin versus Atorvastatin in patients with hypercholesteremia	Clinical Pharmacy	2011-12
Barot Apurva R	To compare the efficacy and Safety of Eplerenone and Spironolactone in acute MI patients	Clinical Pharmacy	2012-13
Patel Ankini A	A study to evaluate the Trends of accidental trauma	Clinical Pharmacy	2012-13
Dave Shruti R.	To compare the safety and Efficacy of Acenocoumarol and Warfarin in prosthetic Cardiac valve patients.	Clinical Pharmacy	2012-13
Patel Disha J	To investigate efficacy & safety of reduced level of Tacrolimus with equimolar Mycophenolic acid (enteric coated mycophenolate sodium) or mycophenolate mofetil in de novo renal transplant recipients	Clinical Pharmacy	2012-13
Sahita Pooja V	Association of ABO blood Group with cardiovascular diseases in adult Indian population	Clinical Pharmacy	2012-13
Patel Charmi A	Evaluation of cardioprotective effect of Jasminum grandiflorum Linn. on experimentally induced myocardial infarction	Pharmacology	2012-13
Manoj Kaklotar L	Phytopharmacological evaluation of Myristica fragrans Houtt. seeds: Role in Hypertension	Pharmacology	2012-13
Patel Ankita M	Bioequivalence study of Candesartan cilexetil (16 mg) plus Hydrochlorothiazide (12.5 mg) tablet in healthy human volunteers under fasting condition.	Pharmacology	2012-13
Solanki Amit D	Evaluation of cardioprotective activity of Delonix regia leaf in myocardial infarction.	Pharmacology	2012-13

Modi Tushar B (Co-guide)	Study on drug utilization pattern of anti-diabetic drugs in semi urban area	Pharmacology	2012-13
Patel Hiral B	Evaluation of protective effect of methanolic extract of Catharanthus roseus linn. on cisplatin induced nephrotoxicity in rats.	Pharmacology	2012-13
Patel Himani H (Co-guide)	Cardioprotective effect of Cucumis sativus Linn. Fruits against isoproterenol induced myocardial infarction.	Pharmacology	2012-13
Makwana Ghanshyam P	Clinical presentation and treatment pattern of breast cancer in Hemato Oncology Clinic Ahmedabad	Pharmacology	2012-13
Chaudhary Tejal D (Co-guide)	Comparative bioavailability studies of three different formulations of Silymarin	Pharmacology	2012-13
Patel Madhuri P.	A comparative study of Nebivolol and Metoprolol on platelet activation In hypertensive patients.	Clinical Pharmacy	2013-14
Vaghela Neeti P.	Prognostic value of peripheral blood blast percentage on day 8 in long term cure in children and adults with acute lymphoblastic leukemia	Clinical Pharmacy	2013-14
Dave Manan B.	A comparative study to evaluate tolerability and efficacy of two fixed dose-combinations of Amlodipine/Telmisartan versus Amlodipine/Hydrochlorothiazide in stage II hypertension.	Clinical Pharmacy	2013-14
Jani Maulik R.	Correlation between smoking, tobacco chewing and alcohol drinking and emesis in patient receiving HEC(Highly Emetogenic Chemotherapy)	Clinical Pharmacy	2013-14
Modhwadia Sheetal S.	A comparative study to evaluate the effect of Atorvastatin and Rosuvastatin on inflammatory markers in patients with hyperlipidemia.	Clinical Pharmacy	2013-14

Quality Improvement & Faculty Development programmes attended

1. AICTE sponsored Faculty Development Programme at L. M. College of Pharmacy, Ahmedabad, during 1st June to 21st June, 2000.
2. AICTE sponsored Quality improvement Programme at College of Pharmacy, New Delhi during 26th to 31st March 2001
3. Pharmacy Council of India sponsored State Level "Orientation programme for Pharmacy teachers" at Shri Sarvajanic Pharmacy College, Mehsana during 1st & 2nd February 2008.
4. Staff Development Program on 'Advances in Novel Drug Delivery Systems, Sponsored by AICTE & organized by Shri Sarvajanic Pharmacy College, Mehsana during 20th March to 2nd April, 2012

5. AICTE sponsored Faculty Development Programme on “Newer Perspectives in Clinical Research” at Shri Sarvajanik Pharmacy College, Mehsana during 3rd July to 16th July 2013.
6. CPCSEA Nominee Training Programme at National Institute of Animal Welfare (Ministry of Environment & Forests, Govt. of India) Ballabhgarh, Faridabad during 22nd July to 26th July, 2013.

Training/Participation in GCP & Clinical Research

1. Participated in Symposium on Clinical Research & Training organized by National Institute of Pharmaceutical Education & Research (NIPER), S. A. S. Nagar on February 20-22, 2009.
2. Underwent training on “Shri Sarvajanik Pharmacy College Institutional Review Board (SSPCIRB) SOP”, “Indian – Good Clinical Practices (GCP)”, “ICMR; Ethical Guidelines, New Delhi, October 2006”, Drugs and Cosmetics (IInd Amendment) Rules, Schedule Y, 2005” & “Guidelines for Good Clinical Practice (GCP) (E6) ICH, 1996 on 8th February, 2012 as a member of SSPCIRB.
3. Underwent training on “Shri Sarvajanik Pharmacy College Independent Ethics Committee (SSPCIEC) SOP”, “Indian – Good Clinical Practices (GCP)”, ICMR; Ethical Guidelines, New Delhi, October 2006”, Drugs and Cosmetics (IInd Amendment) Rules, Schedule Y, 2005” & “Guidelines for Good Clinical Practice (GCP) (E6) ICH, 1996 on 7th December, 2012 as a member of SSPCIEC.
4. Underwent training on “Shri Sarvajanik Pharmacy College Independent Ethics Committee (SSPCIEC) SOP”, “Indian – Good Clinical Practices (GCP)”, ICMR; Ethical Guidelines, New Delhi, October 2006”, Drugs and Cosmetics (IInd Amendment) Rules, Schedule Y, 2005” & “Guidelines for Good Clinical Practice (GCP) (E6) ICH, 1996 on 16th December, 2012 as a member of SSPCIEC.
5. Participated in AICTE sponsored Faculty Development Programme on “Newer Perspectives in Clinical Research” at Shri Sarvajanik Pharmacy College, Mehsana during 3rd July to 16th July, 2013.

6. Participated in ICMR sponsored National Workshop on “Good Clinical Practices (GCP) Training at K. B. Institute of Pharmaceutical Education & Research, Gandhinagar on 1st October, 2013.
7. Participated in ICMR sponsored & S. J. Thakkar Pharmacy College, Rajkot organized One Day National Workshop on “Clinical Trials: Scope, Challenges, Regulation & Methodology of working in India” on 15th September, 2007.
8. Participated in ICMR sponsored and Sat Keval College of Pharmacy, Sarsa organized One Day Symposium on “Emerging Trends in Clinical Research” on 29th February, 2008.
9. Participated in ICMR sponsored National Workshop on “Clinical Research & Regulatory Affairs” organized by K. B. Institute of Pharmaceutical Education & Research, Gandhinagar on 26th April, 2008.
10. Participated in National Academy of Medical Sciences (India) sponsored Symposium on “Emerging trends in Clinical Trials and Clinical Research: Role of Clinicians and Pharmacologists organized by L. M. College of Pharmacy, Ahmedabad on 13th October, 2007.

Involvement in co-ordination & conduction of programmes at Shri Sarvajani Pharmacy College

Sr. No	Title	Duration
1	Co-ordinator of Shri Sarvajani Pharmacy College, Mehsana organized and Pharmacy Council of India sponsored State Level Orientation programme for Pharmacy teachers	2 days 1 st & 2 nd February 2008
2	Co-ordinator of Gujarat Council on Science & Technology sponsored State Level Paper Presentation competition for Pharmaceutical Sciences	2 days, 9-10 th January 2009
3	LOC Member & Convener Scientific Committee in ICMR sponsored National Seminar, Discovery & Development of New Chemical Entity and Product Development: Expanding Horizons in Pharmaceutical Industry	1 day, 28 th February, 2009
4	Co-ordinator of CSIR sponsored National Seminar on Regulatory and Industry perspective on GMP and GLP in India vis a vis Developed Countries	1 day, 11 th February 2010.
5	Convener of AICTE sponsored One Day Workshop on “Patenting in Pharmaceuticals”	6 th July, 2013

Presentations done as a Resource Person

No.	Presentation	Event	Place & Date
1	Therapeutic update on Hypertension	Gujarat State Pharmacy Council sponsored Refresher course for Registered Pharmacist	Dr. Dayaram Patel Pharmacy College-Bardoli, 8 th January 2006
2	Therapeutic update on Hypertension	Gujarat State Pharmacy Council sponsored Refresher course for Registered Pharmacist organized by Shri Sarvajanik Pharmacy College, Mehsana.	Shri Sarvajanik Pharmacy College, Mehsana, 28 th & 29 th January 2006
3.	Therapeutic update on Hypertension and Diabetes (life style diseases)	Gujarat State Pharmacy Council sponsored Refresher course for Registered Pharmacist organized by Shri Sarvajanik Pharmacy College, Mehsana.	Hotel Way Wait, Char Rasta, Palanpur, 23 rd April 2006.
4.	Do we need change in practicals of Pharmacology?	Annual General Meeting of APTI (Gujarat State)	K. B. Institute of Pharmaceutical Education and Research, Gandhinagar, 8 th July 2006.
5	Moulding Pharmaceutical Education In View Of Current Developments In Pharmaceutical Sciences Pharmacology & Clinical Pharmacy point of view	Shri Sarvajanik Pharmacy College, Mehsana organized and Pharmacy Council of India sponsored State Level Orientation programme for Pharmacy teachers	Shri Sarvajanik Pharmacy College, Mehsana, 2 nd February 2008.
5	Diabetes and Role of Pharmacist	Gujarat State Pharmacy Council sponsored Refresher course for Registered Pharmacist organized by Shri Sarvajanik Pharmacy College, Mehsana.	24 th and 25 th July, 2010
6	Drug Discovery and Development	State level symposium " Novel Technologies to Expedite Drug Discovery & Development organized by Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar.	24 th September, 2011.

7	Pharmacoeconomics: Basic concepts	Department of Pharmaceutics Sciences, Saurashtra University, Rajkot.	7 th October, 2011
8	In vitro and In vivo techniques for evaluation of agents used in Gastrointestinal disorders.	Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Changa	7 th September, 2012
9	Ethics in Research	Staff Development Program on 'Advances in Novel Drug Delivery Systems, Sponsored by AICTE & organized by Shri Sarvajanik Pharmacy College, Mehsana.	30 th March, 2012
10	Diabetes and Role of Pharmacist	Two Days Refresher Course for Pharmacist Sponsored by Gujarat State Pharmacy Council, Organized by Shankersinh Vaghela Bapu Institute of Pharmacy, Vasan, Dist.-Gandhinagar	27 th October, 2012
11	Opportunity in the field of Pharmacy in Gujarat, India and Overseas	A Seminar on Education drive in today's scenario organized by K. B. Raval College of Pharmacy, Shertha, Gandhinagar.	19 th May, 2013
12	Ethics in Clinical Research	AICTE sponsored Faculty Development Programme in association with Gujarat Technological University on Newer Perspectives in Clinical Research organized by Shri Sarvajanik Pharmacy College, Mehsana.	4 th July, 2013
13	Clinical Trials : Challenges and Opportunities in India	AICTE sponsored One day national seminar on "Pharmacovigilance and clinical trial in developing countries: The challenges and opportunities" organized by Shri B M Shah College of Pharmaceutical Education and Research, Modasa.	20 th July, 2013
14	Acute Renal Failure	Gujarat Council on Science & Technology, Department of Science and Technology, Government of Gujarat sponsored Two day National Seminar on Emerging Trends and Challenges in Therapeutic Science and Medicine organized by Shankersinh Vaghela Bapu Institute of Pharmacy, Gandhinagar.	28 th September, 2013

Service as Resource Person

Sr. No	Event	Duration	Institution
1	ICMR sponsored "National Workshop on GCP for Pharmacologists" organized by Shri Sarvajanik Pharmacy College, Mehsana	28 th April, 2007	Shri Sarvajanik Pharmacy College, Mehsana. LOC Member
2	"SSPC YOUTH FESTIVAL 2009" (SSPC Decennial Year Celebration) State Level Inter Pharmacy College Cultural Events organized by Shri Sarvajanik Pharmacy College & SSPC Alumni Association.	2 nd January, 2009	Shri Sarvajanik Pharmacy College, Mehsana. LOC Member
3	ICMR sponsored National Seminar , Discovery & Development of New Chemical Entity and Product Development: Expanding Horizons in Pharmaceutical Industry	1 day, 28 th February, 2009	Shri Sarvajanik Pharmacy College, Mehsana(LOC Member & Convener Scientific Committee)
4	61 st Indian Pharmaceutical Congress 2009	3 days, 11 th to 13 th December, 2009	Nirma University, Ahmedabad.(Judge: Poster Session)
5	A National Level Pharma Carnival AVALANCHE'12, organized by Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Changa	3 rd & 4 th February, 2012	Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Changa(Judge: Pharma Modeling)
6	16 th National Convention of Society of Pharmacognosy and International symposium on Herbal & Traditional Medicine.	9 th to 11 th March, 2012	Department of Pharmaceutical Sciences, Saurashtra University, Rajkot.(Member & Co-Chairperson, Scientific Session)
7	ABVP organized Regional Level Seminar "PHARMA VISION 2012" held at Pioneer Pharmacy Degree College, Vadodara	15 th – 16 th September, 2012	Pioneer Pharmacy Degree College, Vadodara(Judge: Poster Presentation)
8	State Level Seminar on "Upgrading Pharmaceutical Quality Control Laboratory to enhance Quality Standards organized by AICTE, New Delhi, Industry Institute Partnership Cell (IIPC) of Shri Sarvajanik Pharmacy College.	18 th January, 2013	Shri Sarvajanik Pharmacy College, Mehsana. LOC Member
9	GUJCOST sponsored National Seminar on "Nanocarriers: Novel tool as drug delivery system"	9 th February, 2013	Faculty of Pharmacy, Dharamsinh Desai University, Nadiad(Judge: Poster Session)
10	CSIR & GUJCOST sponsored National Conference on "Role of Pharma	1 st – 2 nd March,	A. R. College of Pharmacy & G. H. Patel

	Clinic in Health Care Profession of Indian Rural Area".	2013.	Institute of Pharmacy, Vallabh Vidyanagar Chair Person – Plenary Lecture
11	AICTE sponsored two days National Seminar on "Recent Advances in Drug Discovery from Natural Resources	29 th & 30 th March, 2013.	Shree S. K. Patel College of Pharmaceutical Education and Research, Mehsana. (Judge: Poster Session)
12	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar.	September 28 th and 29 th 2013	Shri Sarvajanik Pharmacy College, Mehsana. LOC Member & Chairman Scientific Committee
13	State Level Seminar organized by AICTE, New Delhi, Industry Institute Partnership Cell (IIPC) of Shri Sarvajanik Pharmacy College	1 st February, 2014	Shri Sarvajanik Pharmacy College, Mehsana. LOC Member

Published Review Articles

No.	Article name	Journal's name	Issue	Authors
1.	Essential drug concept and rational drug use	Advances in Biological Science	Vol. 3 (1&2), 2004. p 73-77	Shah JS, Anand IS, Patel SK
2.	Retigabine: A novel anticonvulsant drug	Indian Journal of Pharmacology	Vol.-37(5), p:340-341, October 2005	Anand IS, Shah JS, Patel SK, Patel CN
3.	Probiotic, Prebiotic and Synbiotic	The Indian Pharmacist	May, 2006	C. N. Patel, Niyati Shah and I. S. Anand
4	Glucagon Like Peptide-1: A New Therapeutic Target for diabetes mellitus	Indian Journal of Pharmacology	Vol.- 38(4), p: 231-237, July-August 2006	Patel SK, Goyal RK, Anand IS, Shah JS, Patel HU, Patel CN
5	Cholesteryl Ester Transfer Protein - A potential target for the treatment of Coronary Artery Disease	Journal of pharmacy and pharmaceutical sciences	Vol. – 69 (6) p: 735-740 November-December 2007.	Harsha Patel, Jigna Shah, Sunita Patel, I. S. Anand
6	Liver X Receptor: A Novel Therapeutic Target	Indian Journal of Pharmaceutical Sciences	70(2): 135-144 March - April 2008	M. B. Patel, N. A. Oza, I. S. Anand, S. S. Deshpande and C. N. Patel
7	A Review on Novel Strategies for	Research J. Pharmacology and	2(2): 153-159 March –	Manan A Patel , Chetan M

	Pharmacotherapy of Depression	Pharmacodynamics	April 2010	Patel, Dipen B Patel, IS Anand and CN Patel
8	Novel Approaches in Erythropoietin	Journal of Chemical and Pharmaceutical Research	2(2): 13-26, 2010	Angad J. Nayak, I. S. Anand and C. N. Patel
9	Biopharmaceutics Classification System	Sys Rev Pharm	1(1), 62-69, Jan-June 2010	Chavda HV, Patel CN, Anand IS
10	Toxicogenomics: A Review	Research J. Pharmacology and Pharmacodynamics	2(2):131-140, March – April 2010	Patel VD, Patel MB, Anand IS, Patel CN, Bhatt PA
11	Novel approaches for Diabetes Mellitus	Research J. Pharmacology and Pharmacodynamics	2(2):141-147, March – April 2010	SM Bhanushali, KM Modh, IS Anand, CN Patel and JB Dave
12	A Complete Review on Oxystelma esculentum R. Br.	Pharmacognosy Journal	January 2011 Vol 3 Issue 19	Pandya D J and Anand I S.
13	Ivabradine-If Inhibitor: An overview	International Journal of Advances in Pharmaceutical Research	2(5): 176-183, May 2011	Niki Vinodkumar Modi, Indermeet S. Anand
14	Telaprevir: A novel NS3-4A serine protease inhibitor for treating chronic hepatitis – C virus infection	International Journal of Advances in Pharmacy and Biological Sciences.	1(3): 99-106, Oct-Dec 2011.	Parag Patel, Dr. I. S. Anand
15	Gastroretentive approaches: A part of novel drug delivery system	International Journal of Drug Formulation and Research	3(1):29-42, Jan-Feb 2012.	Karen HD, Anand IS, Patel CN
16	Updates and genotoxic mechanism of Furosemide	Inventi Rapid: Molecular Pharmacology	2013(4): 1-4, 2013	Jalpa A Soni, R. N. Desai, I. S. Anand, C. N. Patel

List of Research publications

No.	Article name	Journal's name	Issue	Authors
1	Mechanism of action of antiulcer activity of Lucer against Experimentally induced gastric ulcers in rats.	Aanarta Journal Published by Hemchandracharya North Gujarat University, Patan	179-183 (11), 2006	Shah JS, Anand IS, Patel HU, Patel CN
2	A comparative study of antacid and antiulcer activity of two marketed herbal products in North Gujarat region	Indian Drugs	Vol. - 43 (9) p: 763-765, September 2006	Shah J.S., Anand I.S., Patel S.K., Patel H.U and Thakkar V. T.
3	Simultaneous spectrophotometric estimation of cilostazole and aspirin in synthetic mixture.	International Journal of Chemical Sciences	6(1): 73-79, 2008	J.V. Patel, C. N. Patel, I. S. Anand, P. U. Patel and P. H. Prajapati
4	Evaluation of anti-ulcer activity of <i>moringa oleifera</i>	Advances in Biological Science	Volume 7, Number 1, July 2008.	Anandl. S., Patel, C. N. and Chauhan, S. S.
5	Evaluation of antidepressant activity of Sertraline and Lamotrigine in rats	Advances in Biological Science	Volume 7, Number 1, July 2008.	Anandl. S. and Chauhan, S. S.
6	Simultaneous estimation of cilostazol and aspirin in synthetic mixture using HPTLC method.	International Journal of Chemical Sciences	6(3): 1377-1384, 2008	J.V. Patel, C. N. Patel, P. U. Patel, I. S. Anand, P. H. Prajapati and M. B. Patel
7	HPTLC method for the estimation of cilostazol in bulk and formulation.	International Journal of Chemical Sciences	6(3): 1433-1437, 2008	J.V. Patel, C. N. Patel, P. U. Patel, I. S. Anand, P. H. Prajapati and M. B. Patel
8	Study on prevalence of HBV and HCV infections in CRF patients on Hemodialysis	Indian Journal of Clinical Practice	19(9) 11-13, 2009	Aniket Patel, P Sam Daniel, M S Gireesh, I. S. Anand, C N Patel
9	Protective effect of alcohol extract of <i>eclipta alba</i> on rat mesenteric mast cell degranulation.	International Journal of Chemical Sciences	7(3): 1720-1724, 2009	Manish B. Patel, Jayesh V. Patel, Shrikalp Deshpande, Shital Panchal, I. S. Anand, C. N. Patel and Jagruti A. Patel
10	Protective effect of alcoholic extract of <i>emblica officinalis</i> fruits on cerebral reperfusion injury in rats.	Journal of Young Pharmacist	1(3): 213-219, Jul-Sep, 2009.	Panchal N M, Patel M B, Patel J V, Anand I S, Patel C N
11	Diabetes and management of lipid level following PCI in acute coronary syndrome patients	International Journal of Pharmaceutical Research	1(4): 13-20, 2009	Patel J. P, Parikh K H, Patel J. C, Karen H. D, Anand I. S, Shah J. S

12	Pharmacoeconomical comparison of bare metal stent and drug eluting stent.	Journal of Chemical and Pharmaceutical Research	2(2): 73-81, 2010	Hiren R. Patel, M. A. Patel, I. S. Anand, C. N. Patel, K. H. Parikh and P. A. Bhatt
13	Pharmacological study of biotransformation of substituted and unsubstituted indanone acetic acid adduct with pyrazolone ring for analgesic activity	International Journal of Drug Development and Research	2(1): 182-189, Jan-March 2010	Nirali A Passi, Maulik K. Prajapati, Prof Dr. Dhruvo Jyoti Sen and Prof. Dr. Indermeet Singh Anand
14	Pharmacoeconomic analysis, clinical outcomes between medication therapy and drug eluting stent in single vessel blockade patients.	Deccan Journal of Pharmacology	1(1): 29-42, Jan.-March 2010	Jatin Patel, Vinod Patel, Hiren Patel, Manoj Patel, Dr. Keyur Parikh, Dr. Parloop Bhatt, Dr. C. N. Patel, Dr. I. S. Anand
15	Formulation and evaluation of amphotericin-B as a lyophilized product.	Journal of Global Pharma Technology	2(2): 75-78, 2010	Karen H. D, Anand Indermeet S, Patel Chhaganbhai N, Chavda Hitesh V and Patel Jitendra K
16	A comparative study on efficacy of angiotensin receptor blocker in acute coronary syndrome patients following medicated and non-medicated stent implantation.	Journal of Global Pharma Technology	2(3): 98-106, 2010	Bhanushali S. M, Daniel. P.S, Anandl. S, Patel C. N, Bhatt P. A and Parikh K. H
17	A study to compare clinical outcomes of bare metal stent and Zotrolimus eluting stent	Journal of Global Pharma Technology	2(3): 146-153, 2010	Patel H. R, Patel M. A, Anandl. S, Patel C. N, Parikh K. H and Bhatt P. A
18	Role of community pharmacist in assessing the awareness of hand hygiene in rural area	Journal of Global Pharma Technology	2(5): 59-61, 2010	Patel Hiren R, Daniel P. S, Anandl. S and Patel C. N
19	Triple versus dual antiplatelet therapy following coronary stenting: Impact on lipid profile	Deccan Journal of Pharmacology	1(1): 43-59, Jan.-March, 2010	Patel V. D, Patel J. M, Anandl. S, Patel C. N, Patel M. V, Parikh K. H, Bhatt P A
20	Antidiabetic potential of root extract of Momordica cymbalaria, Fenzl in streptozotocin induced diabetic rats	Research Journal of Pharmacology and Pharmacodynamics	2(1): 89-93, 2010	K. M. Modh, I. S. Anand, B. Panigrahi, C. N. Patel, R. Badmanaban and M. V. Patel
21	Stopping Clopidogrel after stent implantation causes death/MI	Research Journal of Pharmacology and Pharmacodynamics	2(2): 117-125, 2010	Jatin Patel, Jigna Shah, I. S. Anand and C. N. Patel
22	Assessment of basic clinical knowledge and understanding of H1N1 influenza among community pharmacists.	International Journal of Community Pharmacy	3(1): 16-20, Jan-April 2010	Patel Dhaval, P Sam Daniel, C N Patel, I S Anand, R. Badmanaban

23	A preliminary study on patient reported and pharmacist observable signs and symptoms in DOT TB patients.	International Journal of Community Pharmacy	3(1): 21-27, Jan-April 2010	Hiren Patel, Daniel P S, Dr. I S Anand, Dr. C N Patel
24	Establishment of quality parameters of roots and rhizomes of Oxystelma esculentum	Pharmacognosy Journal	2(18): 27-31, Jan 2011	Pandya D J and Anand I S.
25	Diuretic potential of various extracts of oxystelma esculentum And its preliminary phytochemical screening	Pharmacologyonline	1: 163-173, 2011	Pandya Devang J and Anand Indermeet S.
26	Anti-ulcer potential of Oxystelma esculentum	International Journal of Green Pharmacy	5(1): 65-68, January-March 2011	Devang J. Pandya, Indermeet Singh Anand
27	Isolation and HPTLC estimation of Aesculin from Oxystelma Esculentum	International research journal of pharmacy	2(6): 94-100, 2011	Pandya Devang J and Anand Indermeet S
28	Evaluation of compliance and blood pressure reduction in patients treated with Amlodipine and Metoprolol single pill combination vs. its individual components.	International Journal of Research in Pharmacy and Chemistry	1(3): 257-286, 2011	Patel P B/ Anand I S and Sharma K
29	The role of Apixaban as a newer anticoagulant for the management and prevention of thrombotic events in multiple conditions.	International Journal of Advances in Pharmaceutical Research	2(5): 199-207, May 2011	Pratikkumar M. Patel, I. S. Anand
30	Isolation and HPTLC estimation of Kaempferol from Oxystelma Esculentum	International Journal of Biomedical Research	2(7): 432-443, 2011	Devang J. Pandya, Indermeet S Anand
31	Isolation and high-performance thin layer chromatographic estimation of Lupeol from Oxystelma esculentum	Pharmaceutical Methods	2(2): 99-105, April-June 2011	Devang J. Pandya, Indermeet S Anand
32	Evaluation of laxative activity of Oxystelma Esculentum	Pharmacognosy Journal	3(24): 81-83, August 2011	Pandya D J, Anand I S
33	Isolation and HPTLC Estimation of Stigmasterol from Oxystelma Esculentum	Asian Journal of Biochemical and Pharmaceutical Research	3(1):17-29, 2011	Pandya Devang J & Anand Indermeet S
34	Pharmacogognostical and Phytochemical Evaluation of leaves of Bauhinia variegata Linn.	Pharmacognosy Journal	3(24): 45-49, 2011	Kamal M Modh, Purvi T Parmar, Bibhuranjan Panigrahi, Indermeet Singh Anand, Chhagan N Patel

35	Antidepressant activity of Phosphodiesterase 3 inhibitor: Cilostazol	International Journal of Pharmaceutical and Clinical Research ISSN 0975 1556	3 (3): 52-54, 2011	Bhatt P. A., Patel D. S., Anand I. S., Shah U. G., Patel S. B
36	Impact of Clinical Pharmacist intervention on Quality of Life in type 2 diabetes mellitus.	International Journal of Advances in Pharmaceutical Research ISSN 2230 7583	2(8): 451-460, 2011	Kamal M Modh, Ketan M Patel, Indermeet Singh Anand, Chaggan N Patel, Shailesh Patel
37	Gastroretentive Drug Delivery System for Itopride hydrochloride: Optimization and in vitro evaluation.	Inventi Rapid: NDDS ISSN 0976 3791	3: 1-8, 2012	Karen H. D, Anand I. S, Patel C N
38	Gastroretentive Approaches: A part of Novel Drug Delivery System	International Journal of Drug Formulation and Research ISSN 2229 5054	3(1):29-42, 2012	Karen H. D, Anand I. S, Patel C N
39	Development and Evaluation of Floating Drug Delivery System of Itopride Hydrochloride	American Journal of Pharmtech Research ISSN 2249 3387	2(2): 602-608, 2012	Karen H. D, Anand I. S, Patel B. N, Patel C N
40	Anti-Malarial Drugs: Evaluation of Prescribing Pattern in Hospital	Inventi Rapid: Pharmacy Practice ISSN 0976 3848	3: 1-3, 2012	R. N. Desai, D M Limbachia, I S Anand, C N Patel
41	Drug Utilization Study of Anti-Malarial Drugs in a Tertiary Care Hospital	American Journal of Pharmtech Research ISSN 2249 3387	2(4): 1-10, 2012	Dhara M. Limbachia, Rina N. Desai, I. S. Anand, C. N. Patel
42	Evaluation of Antidepressant and Anxiolytic Activity of Phosphodiesterase 3 Inhibitor – Cilostazol	Indian Journal of Psychological Medicine	2 (34), 124-128, April – June, 2012	Dipesh S. Patel, Indermeet Singh Anand, Parloop A. Bhatt
43	Isolation of Epicatechin from Oxystelma Esculentum	International Journal of Pharmaceutical Sciences and Research	4(1): 471-474, 2013.	Pandya D J, Anand I S
44	Efficacy and safety of rosuvastatin versus atorvastatin in patients with hypercholesterolemia	International Journal of Pharmacy & Technology	5(1): 5175-5187, April-2013	Sanket S. Shah, Dr. I. S. Anand
45	Management of paediatric meningitis	International Journal of Modern Pharmaceutical Research	2(3),: 8-22, May - June 2013	Patel P K, Anand I S
46	Association of ABO Blood groups with cardiovascular diseases in adult Indian Patients	Journal of Pharmaceutical Technology, Research and Management	1(2): 181-190, November 2013	Pooja Sahita, Indermeet Singh Anand and Manisha Shah

47	Effect of Atorvastatin and Rosuvastatin on inflammatory markers in hyperlipidemic patients.	International Journal of Pharmaceutical Research and Bio-Science	3(3),: 97-107, 2014	Anand I. S., Modhwadia S. S, Sharma K. H.
48	Effect of Nebivolol and Metoprolol on platelet activation in hypertensive patients.	International Journal of Pharmaceutical Research and Bio-Science	3(3),: 178-187, 2014	Anand I. S., Patel M. P, Sharma K. H.
49	Comparison of efficacy and safety of Rosuvastatin 10 mg OD and Atorvastatin 20 mg OD in high risk cardiovascular disease patients.	International Journal of Pharmaceutical Research and Bio-Science	3(3),: 97-107, 2014	Modh K. M, Patel M. G, Anand I. S, Patel C. N.
50	Correlation between smoking, smokeless tobacco and alcohol drinking and emesis in patients receiving highly emetogenic chemotherapy.	World Journal of Pharmacy and Pharmaceutical Sciences.	3(8),: 1265-1275, 2014.	Dr. I. S. Anand, Dr. Chirag J. Desai, Maulik R. Jani, Neeti P. Vaghela, Vidhi H. Prajapati.
51	Prognostic value of peripheral blood blast percentage on day 8 in long term cure in patients with ALL.	World Journal of Pharmacy and Pharmaceutical Sciences.	3(8),: 1839-1847, 2014.	Neeti Vaghela, Dr. I. S. Anand, Dr. Deepa H. Trivedi, Maulik Jani.

List of Presentations

Sr. No	Title	Author(s)	Conference details
1	Modification of effects of Angiotensin – II by morphine and related compounds in isolated animal tissue.	Indermeet Singh Anand and B. K. Shah	National Seminar on Pharmacology and Toxicology, October 19-20, 2001, Rewa (M.P.)
2	Evaluation of potency of some urea derivatives for their CNS depressant action.	Indermeet Singh Anand and Dr. Dhrubo Jyoti Sen	17 th Annual Conference of Indian Pharmacological Society (Gujarat Chapter), Shree S. K. Patel College of Pharmaceutical Education and Research, Ganpat Vidyanagar, 19 th January, 2003.
3	Memory enhancing herbal medicines in the Indian Market; A survey.	Jigna S. Shah and Indermeet Singh Anand	17 th Annual Conference of Indian Pharmacological Society (Gujarat Chapter), Shree S. K. Patel College of Pharmaceutical Education and Research, Ganpat Vidyanagar, 19 th January, 2003.
4	CNS Depressant studies of synthesized urea derivatives and their potentiation activity with diazepam.	Dhrubo Jyoti Sen, Indermeet Singh Anand and Priti Pandya.	ICIPG 2003, Annamalai University, 8 th & 9 th November, 2003.
5	Incorporation of “Entrepreneurship Development” as a subject in pharmacy curriculum.	Jigna S. Shah and Indermeet Singh Anand.	ICIPG 2003, Annamalai University, 8 th & 9 th November, 2003.
6	Restructuring Pharmacology practical at undergraduate level in Pharmacy Education.	Ramesh K. Goyal, Jigna S. Shah, Indermeet Singh Anand.	55 th IPC, Chennai, 19 th to 21 st December, 2003.
7	Students perception on commercial approach to Pharmaceutical Education.	Manish Narula, N. M. Patel, P. B. Shah, I. M. Anand, B. G. Chaudhari.	55 th IPC, Chennai, 19 th to 21 st December, 2003.
8	Development of polyherbal formulation for antimicrobial activity.	Vaishali Thakkar, Pinal Harde, Jigna Shah, Harsha Patel & Indermeet Singh Anand.	18 th Annual Conference, Indian Pharmacological Society (Gujarat Branch)
9	Prevalence and prescription trends in cancer in Ahmedabad District	Jigna Shah, Harsha Patel, Indermeet Singh Anand and Amit Patel	International Convention of APTI 2004, 2nd-3rd October 2004 Visakhapatnam.
10	Antacid and anti-ulcer herbal preparations in North Gujarat region: A survey.	Jigna Shah, Harsha Patel, Indermeet Singh Anand and Ankita Patel	International Convention of APTI 2004, 2nd-3rd October 2004 Visakhapatnam.
11	Career planning after graduation: A SWOT analysis.	Jigna Shah, Harsha Patel, Indermeet Singh Anand and Brighesh Vaghasia.	International Convention of APTI 2004, 2nd-3rd October 2004 Visakhapatnam.
12	Changing trends in Pharmacoinformatics.	Harsha Patel, Jigna Shah, Indermeet Singh Anand and Firoz Masi.	International Convention of APTI 2004, 2nd-3rd October 2004 Visakhapatnam.
13	Encouraging a spirit of Enterprise: Need of the hour in Indian pharmaceutical education.	I. S. Anand, Harsha Patel, Jigna Shah and Devang Pandya.	International Convention of APTI 2004, 2nd-3rd October 2004 Visakhapatnam.
14	Biological screening of pyrazolo-[b,d]-pyrimidine nucleus adduct	Dr. Dhrubo Jyoti Sen, Dr. Indermeet Singh Anand,	1st International Symposium on Biomolecules, Montpellier, France,

	with indan moiety for COX-1 and COX-2 inhibition	Rutesh Vyas and Palaniswamy Selvamani	20-25 March 2005
15	Structure activity relationship studies of Indanyl ureas in CNS depression: A new approach of molecular exploration.	Dhrubo Jyoti Sen, Indermeet Singh Anand & Priti Pandya.	Chemistry Biology interface: Synergist new frontiers. November 21 – 26, 2004, New Delhi
16	The global strategy(GS) for infant and young child feeding: Role of pharmacist in health care system	Harsha Patel, Jigna Shah, I. S. Anand, Sunita Patel, C. N. Patel, Sumit Patel.	State level paper presentation competition by GUJCOST at Anand pharmacy college, Anand(Dec. 2004)
17	Role of pharmacist in self-care and self-medication	Harsha Patel, Jigna Shah, Sunita Patel, C. N. Patel, Indermeet Singh Anand.	56th IPC at kolkata(Dec. 2004)
18	Prevalence and prescription trends in cancer in Ahmedabad district	Amit Patel, Rubina Moria, Jigna Shah, Harsha Patel, Indermeet Singh Anand.	9th Annual conference on Bioactive heterocycles and drug discovery paradigm(8th –10th Jan. 2005), Rajkot
19	Pharmacological exposure towards hematological factors enhances the new approach on bioavailability.	Rutesh Vyas, C. N. Patel, Indermeet Singh Anand and Dhrubo Jyoti Sen	9th Annual conference on Bioactive heterocycles and drug discovery paradigm(8th –10th Jan. 2005), Rajkot
20	Biological screening of pyrazolo-[b,d]-pyrimidine nucleus adduct with indan moiety for COX-1 and COX-2 inhibition	Dhrubo Jyoti Sen, Rutesh Vyas, Rasik Karad, Devang Pandya, Laljibhai Patel, Indermeet Singh Anand, Chhaganbhai N Patel and P. Selvamani	International Conference on Materials Chemistry MC7: Functional Materials for the 21st century, University of Edinburgh, UK, 5-8 July 2005
21	Comparison of pharmacological screening of CNS depressant action of fused ring heterocyclic adduct with fused ring aromatic with benzodiazepine as standard	Ankit Shah, Harsha Patel, Jigna Shah, D. J. Sen, Indermeet Singh Anand, Sunita Patel, C. N. Patel.	10th APTI, National Convention, Nagpur (17-18, Oct. 2005)
22	Comparative structure activity relationship studies of synthesized dipeptides of indanone acetic acid conjugated with Mannich base on CNS depression.	Vishal J. Patel, Dhrubo Jyoti Sen, Hasumati A. Raj, Harsha U. Patel, Jigna S. Shah and Indermeet Singh Anand	International Conference on Faraday Discussion 135: Chemical Concepts from Quantum Mechanics, University of Manchester, United Kingdom (11-13th September, 2006)
23	Structure activity relationship studies of pyrazolone adduct with indan derivative of Mannich bases for COX-1 and COX-2 inhibition.	Dipenkumar G. Patel, Jugal D. Gandhi, Chintankumar R. Bhavsar, Dhrubo Jyoti Sen and Indermeet Singh Anand	International Conference on Environmental Forensics: Chemical, Physical and Biological Methods, University of Durham, United Kingdom (18-21st September, 2006)
24	Direct Thrombin inhibitors: A novel and superior approach to anticoagulant therapy.	Joshi N. H, Anand I. S, Shah J. S, Patel C. N	XXXIX Annual Conference of Indian Pharmacological Society, Jaipur. 21 st to 23 rd December 2006.
25	Antibiotics – An investment worth making ?	Patel Yashwant, Patel Pragnesh P, Anand I. S and Patel C. N	Second International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Science, Technology, Practice and Natural Products. 24 th to 26 th Feb., 2007, JSS College of Pharmacy, Ooty.
26	The emerging role of A.D.M.E. in optimizing Drug Discovery and Design.	Deval B. Patel, Vishal J. Patel, Hasumati A. Raj, Indermeet Singh Anand and C.N. Patel	Second International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Science,

			Technology, Practice and Natural Products. 24 th to 26 th Feb., 2007, JSS College of Pharmacy, Ooty.
27	Structure activity relationships studies of pyrazolone adduct with indan derivative of mannich base for cox-1 and cox-2 inhibition	Dipenkumar G. Patel, Jugal D. Gandhi, Chintankumar R. Bhavsar, Dhrubo Jyoti Sen, Indermeet Singh Anand	Chemical Biology: Directing Biosynthesis Robinson College, University of Cambridge, United Kingdom. 11-13 September 2006
28	Comparative structure activity relationship studies of synthesized dipeptides of indanone acetic acid conjugated with mannich base on CNS depression.	Vishal J. Patel, Dhrubo Jyoti Sen, Hasumati A. Raj, Harsha U. Patel, Jigna S. Shah and Indermeet Singh Anand	Chemical Biology: Directing Biosynthesis Robinson College, University of Cambridge, United Kingdom. 11-13 September 2006
29	Biosteric correlation approach of indanone and pyrazolone rings for cyclooxygenase inhibition in-vivo.	Mohit K. Dholaria, Saumil P. Jani, Jugal D. Gandhi, Nihar H. Joshi, Dipenkumar G. Patel, Chintankumar R. Bhavsar, Dr. Dhrubo Jyoti Sen and Dr. Indermeet Singh Anand	Macromolecules for a Safe, Sustainable, and Healthy World IUMACRO 2007 Polytechnic University Brooklyn, New York City, USA. 10-13 June 2007
30	Pharmacological activity of Tephrosia purpurea and Geographical Sources.	S. S. Deshpande, M. B. Patel, I. S. Anand, G. B. Shah	40 th Annual Conference of Indian Pharmacological Society, NIPER, Mohali 1 st to 3 rd November 2007.
31	Effect of Alcoholic Extract of Eclipta alba on Rat Mesenteric Mast Cell Degranulation.	Manish. B. Patel, S. S. Deshpande, I. S. Anand, Jagruti A. Patel	40 th Annual Conference of Indian Pharmacological Society, NIPER, Mohali 1 st to 3 rd November 2007.
32	Exorex in the treatment of anemia as a siddha formulation.	Dr. C. N. Patel, Badmanaban. R, Jigar B. Sukhadiya, Dr. I. S. Anand	Herbo-R&D 2008 National Conference on "Challenge and Opportunities in Research and Development of Herbal Drugs" 16 th – 17 th February 2008 Srikrupa Institute of Pharmaceutical Sciences, Siddipet. AP.
33	Need for efficacy, safety, quality control and regulatory guidelines for phytomedicines.	Altaf Vahora, C. N. Patel, I. S. Anand, Daniel Sam, Badmanaban.	National Seminar on Emerging Trends in Medicinal plants based pharmaceuticals 29 th Feb. & 1 st March 2008. Atmiya Institute of Pharmacy, Rajkot.
34	Pharmacological study of biotransformation of substituted and unsubstituted indanone acetic acid adduct with pyrazolone ring for analgesic activity in-vitro	Nirali A. Passi, Dr. Dhrubo Jyoti Sen and Dr. Indermeet Singh Anand	19 th IUPAC Conference on Physical Organic Chemistry 2008 (ICPOC 19) at Santiago de Compostela (Spain), 13 th to 18 th July 2008
35	Evaluation of hypoglycemic potential of Berberis aristata in normal albino rats.	Patel H J, Modh K M, Anand I S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanic Pharmacy College, Mehsana
36	Investigation of the effect of alcoholic extract of Arberis Aristata roots on liver reperfusion injury in rats.	Patel H B, Patel M B, Anand I S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanic Pharmacy College, Mehsana
37	Investigation of the effect of	Panchal N M, Patel M B,	GUJCOST sponsored State level

	alcoholic extract of <i>E. officinalis</i> fruits on cerebral reperfusion injury in rats.	Anand I S, Patel C N	paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
38	Evaluation of antiulcer and gastroprotective properties of roots <i>Brberis Aistata</i> in pylorus ligated rats	Patel Y R, Modh K M, Anand I S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
39	Study of factors predisposing to hypertension.	Patel J M, Patel M A, Daniel P S, Anand I S	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
40	Price variation among various brands of Amoxicillin in Palanpur	Prajapati D S, Anand I S, Daniel P S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
41	Assessment of General practitioners perception of Drug information centre	Patel M A, Daniel P S, Anand I S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
42	A correlation study of body mass index (BMI) with diabetes mellitus	Dave R D, Anand I S, Daniel P S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
43	Incidence of renal calculi among patients reporting with abdominal pain at a government hospital in Ahmedabad	Patel B B, Anand I S, Daniel P S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
44	Need of pharmacist in home care	Patel V D, Daniel P S, Anand I S	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
45	Risk factors in different diseases	Nayak A J, Anand I S, Daniel P S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
46	Drug utilization review on anti-TB therapy in TB centres in Mehsana	Patel H R, Anand I S, Daniel P S, Patel C N	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
47	Acute renal failure associated with malaria	Patel C R, Anand I S, Patel C N, Shah P R	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanik Pharmacy College, Mehsana
48	Prescription patterns of lipid lowering agents and targeting	Patel J C, Anand I S, Patel C N, Patel J P	GUJCOST sponsored State level paper presentation competition for

	lipid profile		Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanic Pharmacy College, Mehsana
49	Outcome of Kidney transplantation in Diabetes patients	Varma K A, Anand I S, Patel C N, Shah P R	GUJCOST sponsored State level paper presentation competition for Pharmaceutical sciences 9-10 th January 2009 at Shri Sarvajanic Pharmacy College, Mehsana
50	Pharmacological study of biotransformation of substituted and unsubstituted indanone acetic acid adduct with pyrazolone ring for analgesic activity <i>in-vivo</i>	Nirali A Passi, Prof Dr Dhrubo Jyoti Sen and Prof Dr Indermeet Singh Anand	42 nd IUPAC Congress, Chemistry Solutions, 2-7 August 2009, I SECC, Glasgow, Scotland, UK.
51	Pharmacological study of biotransformation of substituted and unsubstituted indanone acetic acid adduct with pyrazolone ring for analgesic activity <i>in-vivo</i>	Yatri R Shah, Dhrubo Jyoti Sen, Indermeet Singh Anand	61 st Indian Pharmaceutical Congress 2009, 11 th to 13 th December, 2009, Nirma University, Ahmedabad
52	Pharmacoeconomic analysis, clinical outcomes and quality of life assessment between medication therapy and drug eluting stent in single vessel blockade patients	Patel J M, Patel H R, Patel M V, Gathak S B, Anand I S, Parikh K H, Bhatt P A	61 st Indian Pharmaceutical Congress 2009, 11 th to 13 th December, 2009, Nirma University, Ahmedabad
53	Triple vessel dual antiplatelet therapy following coronary stenting: Impact on lipid profile	Patel V D, Bhanushali S M, Patel M V, Gathak S B, Anand I S, Parikh K H, Bhatt P A	61 st Indian Pharmaceutical Congress 2009, 11 th to 13 th December, 2009, Nirma University, Ahmedabad
54	Study to evaluate safety and efficacy of bare metal stent and zotarolimus eluting stent	Patel HR, Patel JM, Patel M V, Gathak S B, Anand I S, Parikh K H, Bhatt P A	61 st Indian Pharmaceutical Congress 2009, 11 th to 13 th December, 2009, Nirma University, Ahmedabad
55	Comparison of regulatory guidelines for <i>in vitro</i> BA/BE studies.	Patel Dipal, Patel Poonam, Dr. I. S. Anand	AICTE sponsored two days national seminar on "Bioavailability and bioequivalence studies", 26 th – 27 th August, 2011 at Ganpat University, S. K. Patel College of Pharmaceutical Education & Research, Kherva, Mehsana.
56	Neurotransmission	Patel P R, Mansuri S R, I. S. Anand	Akhil bhartiya Vidarthi Parishad Pharma Vision Twenty 20 State level seminar, September 24-25, 2011 at Maliba Pharmacy College, Bardoli, Gujarat.
57	Human cardiovascular system	Patel D S, Khunt R V, I. S. Anand, C N Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision Twenty 20 State level seminar, September 24-25, 2011 at Maliba Pharmacy College, Bardoli, Gujarat.
58	Models for screening preclinical screening of herbal drugs affecting sexuality in rodents: a review.	Virendra G. Kagathara, Kiran K. Shah, Indermeet Singh Anand, Neeraj S. yawahare, Tejal G. Soni	16th National convention of Society of Pharmacognosy and International symposium on Herbal and traditional medicine "Frontiers in drug discovery from herbal & traditional medicine" Dept. of Pharmaceutical Sciences, Saurashtra University, Rajkot, 9th &

			10th March 2012
59	Nesfatin – 1: A currently identified anorexigenic peptide.	M. L. Kaklotar and I. S. Anand	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 15 th and 16 th 2012 at Pioneer Pharmacy College, Dharmaj
60	Mutagenicity testing of the food colours Amaranth using mice	Pooja Patel, Polara Tarik, Vijay Desai, Rina Tripathi, I. S. Anand and C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 15 th and 16 th 2012 at Pioneer Pharmacy College, Dharmaj
61	Gene therapy shows promise for treating β - Thalassemia and sickle cell disease.	CharmiA. Patel, R. N. Desai, I. S. Anand and C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 15 th and 16 th 2012 at Pioneer Pharmacy College, Dharmaj
62	Qsymia: A novel drug for chronic weight management	A. M. Patel and I. S. Anand	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 15 th and 16 th 2012 at Pioneer Pharmacy College, Dharmaj
63	Concept of essential medicine and rational drugs	Tejal Chaudhary, R. N. Desai, I. S. Anand and C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 15 th and 16 th 2012 at Pioneer Pharmacy College, Dharmaj
64	Epigenetic therapy- A newer approach in cancer therapy	J. S. Patel, P. K. Jethva, R. N. Desai, I. S. Anand and C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 15 th and 16 th 2012 at Pioneer Pharmacy College, Dharmaj
65	Sperm shape abnormality of Tartrazine in swiss albino mice	Himani Patel, Rina Desai, I. S. Anand and C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 15 th and 16 th 2012 at Pioneer Pharmacy College, Dharmaj
66	Truvada: A novel option for treatment of HIV/AIDS	H. B. Patel, I. S. Anand and C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 15 th and 16 th 2012 at Pioneer Pharmacy College, Dharmaj
67	Muscle Relaxation and contraction	H. B. Patel, J. G. Patel, R. N. Desai, I. S. Anand, C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
68	Protective effect of vitamin B 12 on DNA damage induced by Rifampicin	P. Patel, R. Desai, I. S. Anand, C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
69	Pharmacovigilance: A worldwide master key for drug safety monitoring	K. G. Parmar, D. B. Patel, K. M. Modh, I. S. Anand, C. N. Patel	Akhil bhartiya Vidarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy

			College, Mehsana
70	In vivo genotoxicity studies of Aliskiren in bone marrow and sperm cells of laboratory mice	D. R. Patel, J. S. Patel, R. N. Desai, K. G. Sharma, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
71	Review outcomes after valve replacement with mechanical versus bioprosthesis valve	K. Y. Raval, Z. S. Dodiya, R. N. Desai, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
72	Genotoxicity of Furosemide in the bone marrow and germ cells of lab mice	J. A. Soni, R. N. Desai, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
73	Fast dissolving films and strips for oral drug delivery	K. G. Patel, D. M. Patel, M. M. Modh, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
74	Gut hormones and regulation of appetite	R. J. Patel, J. G. Patel, K. M. Modh, C. N. Patel, I. S. Anand	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
75	Toxic pollutant hydrogen sulphide act as gastrotransmitter	K. Patel, S. Thakkar, R. N. Desai, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
76	Genotoxicity study of aliskiren by micronucleus assay in bone marrow cells of laboratory mice	H. B. Patel, J. S. Patel, R. N. Desai, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
77	Ethosomes: A phyto drug delivery system	A. Thakkar, D. Patel, P. H. Prajapati, R. N. Desai, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
78	Impact of nanoparticles in field of pharmaceutical	M. N. Solanki, D. R. Patel, P. H. Prajapati, R. N. Desai, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
79	An overview of animal models used in ADHD	D. R. Patel, R. N. Desai, J. S. Shah, K. Sharma, I. S. Anand, C. N. Patel	Akhil bharatiya Vidrarthi Parishad Pharma Vision, Regional level seminar, September 28 th and 29 th 2013 at Shri Sarvajanik Pharmacy College, Mehsana
80	Clinical presentation and treatment pattern of breast cancer: A single centre study.	Indermeet Singh Anand, Chirag Desai, Ghanshyam P. Makwana, and Maulik P. Patel	Drug Discovery & Therapy World Congress at John B. Hynes Veterans Memorial Convention Center, Boston, Massachusetts, USA on 16–19 June 2014.

Grants Received

- Received **Rs. 20 lac** Research Grant from AICTE 2012, Ref. No.8023/RID/RPS-39//2011-12 dated 20th March, 2012.
- Received **Rs. 1 lac** Seminar Grant from AICTE in 2013 F. No.: 22/AICTE/RIFD/SEM/(policy 4) 159/2012-13 dated 13th March, 2013.

Member of Editorial Board

- Blue Ocean Research Journals
- Journal of Pharmaceutical Technology, Research and Management
- International Journal of Pharmaceutical & Applied Sciences

Books Published

- “To compare the efficacy and safety of Eplerenone and Spironolactone in acute MI patients” (ISBN-978-3-8484-4485-4) by Lambert Academic Publishing, Germany.
- “A study to evaluate the trends of accidental trauma”(ISBN- 978-3-659-50280-4) by Lambert Academic Publishing, Germany.
- “Genotoxicity of Aliskiren in the bone marrow and germ cells of mice: The effect of medicine on genetic material”(ISBN-978-3-659-10374-2) by Lambert Academic Publishing, Germany.

Awards/Achievements

- Biogaphy included in Marqui’s Who’s Who in the World 2009
- Biogaphy included in Who’s Who in the World 2010
- Biogaphy included in Who’s Who in Medicine and Healthcare 2009-2010
- Listed among Top 100 Educators 2009 by International Biographical Centre, Cambridge, England.
- Awarded “Rajiv Gandhi Excellence Award” by National Solidarity Council for work in Health Care on 1st February, 2014.

- Approved as a CPCSEA Nominee by Committee for the purpose of control and supervision of experiments on animals (CPCSEA), Ministry of Environment and Forests, Government of India (Animal Welfare Division).

Membership

- Member of Indian Pharmaceutical Association
(Membership No.GUJ/MEH/LM/0055)
- Member of Indian Pharmacological Society (Membership No. LA 135).
- Association of Pharmacy Teachers of India(Membership No.GU/ LM- 144).