

CURRICULUM - VITAE

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CURRENT PROFESSIONAL ACTIVITIES

Research and Academic

- Research Director, Central Research Laboratory, M.M. Group of Institutions, Belgaum, Karnataka, India
- Executive Director, SD College of Pharmacy, Karnataka, India.
- Chairman, Board of studies in Pharmaceutical sciences, Vignan's Deemed University, Andhra Pradesh, India.
- Visiting Scientist, Owaisi Research Centre, Hyderabad, India.
- Quality manager, National Accreditation Board for Testing and Calibration Laboratories (NABL-India) - COVID-19 RT-PCR Testing, Gurugram, India.

Advisory

- Member, General Body and Board of Governors, National Dope Testing Laboratory, Government of India.
- Member of National Academic Advisory Committee of XLV Indian Social Science Congress.
- Technical Advisor, Indian Pharmacopoeia Commission, Government of India.
- Expert Committee Member, Food Safety Standard Authority Government of India.
- Member, Academic Planning Development Committee, NIPER, Hyderabad, India.
- Conference at NIRMA University, Ahmadabad, Feb 22
- 52nd IPS Conference at Deharadun, Uttarakhand, India May 22.
- 53rd Annual Conference at Mysore, Karnataka, India Dec 22.

Doctoral Degree Research Guide :

- Andhra University, Faculty of Pharmacy, Visakhapatnam, A.P., India
- Dr. H.S. Gour Vishwavidyalaya, Faculty of Pharmaceutical Sciences Sagar, M.P.
- Jamai Hamdard University, New Delhi., India
- Jawaharlal Nehru Technical University (JNTU) Hyderabad, Telangana., India
- Kakatiya University, Faculty of Pharmaceutical Sciences, Warangal, A.P., India
- Nagarjuna University, Guntur, Andhra Pradesh., India
- Osmania University, Faculty of Pharmaceutical Technology, Hyderabad, Telangana., India
- Osmania University, Faculty of Science, Hyderabad, Telangana., India.

PROFESSIONAL ACCOMPLISHMENTS

Established Research and Educational Institutions :

1. Indian Institute of Chemical Technology, Council of Scientific and Industrial Research, Hyderabad, India (1983-2009),

- Joined as Senior Scientist in the Pharmacology and superannuated as Scientist 'G', (Director grade Scientist).
 - ◆ Infrastructure Facilities Established in Pharmacology Department
 - ◆ Pharmacology Evaluation Centre with GLP facilities.
 - ◆ Novel Drug Delivery Systems/Formulation evaluations - Pharmacokinetics and Pharmacodynamics
 - ◆ BIOSAFE - Animal House facility for screening & pre- clinical toxicity

- ◆ HOPE - Drugs and Cosmetics Testing facility. Approved by controller of Administration Director, Hyderabad.

**2. National Institute of Pharmaceutical Education and Research, Hyderabad, India
Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers,
Govt. of India. (2006-2009)**

- Founder Director of the National Institute of Pharmaceutical Education and Research, Hyderabad (2006-2009).
 - Established the professional pharmaceutical science institute with high standards of centre of excellence to impart high post graduate education and research.

3. Anurag group of Institutions, Hyderabad, India (2009-2014)

- Director, School of Pharmacy, Anurag group of Institutions, Hyderabad
 - ◆ Established post graduate courses the following specialisations with excellent infrastructure facilities.
 - (1) Pharmaceutics
 - (2) Pharmacology
 - (3) Pharmaceutical Analysis
 - (4) Quality assurance
 - (5) Industrial Pharmacy
 - (6) Hospital Pharmacy
 - (7) Pharma D. (Doctor of Pharmacy)

**4. Basic Science Research Centre, KLE's University, Belgaum,
Karnataka, India. (2015-2016)**

- Research Advisor for the Doctorate students leading to the award of Ph.D.

**5. Central Research Laboratory, Maratha Mandal Group of Institutions,
Belgaum, Karnataka, India (2016 till date)**

- Research Director, Maratha Mandal Group of Institutions (MM) Belgaum.
 - ◆ Pharmaceutical Sciences research unit at the Central Research Laboratory with animal house as per the OECD and GLP guidelines
 - ◆ Responsible for Regcognitions for MM Group.
 - Department of Scientific and Industrial Research (SIR) Govt of India
 - Pharmacovigilance unit (Indian Pharmacopeia Commission Govt. of India)
 - National Accreditation Board of testing and Calibration Laboratories (NABL)
 - Central Drug Control Standard Organization

**6. Shree Dhanvantari College of Pharmacy, Chikodi, Karnataka, India
(2019 - till date).**

- ◆ Executive Director, Established Diploma in Pharmacy Course in Rural Areas.

MENTORING DOCTORAL THESIS, M.PHARM DESSERTATIONS :

S.NO.	Year Degree Awarded	Title	Affiliated University
1	2020	Potential of certain medicinal plants /synthetic compounds on diet induced diabetic complications in experimental animals.	Jawaharlal Nehru Technical University, Hyderabad. India

S.NO.	Year Degree Awarded	Title	Affiliated University
2.	2019	Neuroprotective effect of natural dietary anti-oxidants against hyperhomocysteinemia-induced vascular dementia and oxidative stress.	Jawaharlal Nehru Technical University, Hyderabad. India
3.	2019	Immunomodulatory and anti-inflammatory effect of natural bioactive molecules (Pipeline, Resveratrol, and Vanillic acid) on systemic lupus erythematosus (SLE).	Jawaharlal Nehru Technical University, Hyderabad. India
4.	2016	Fish egg protein hydrolysates (peptides) as nutraceutical/health food in promotion of immunomodulatory activities	Jawaharlal Nehru Technical University, Hyderabad.India
5.	2016	Design, development and evaluation of novel oral colon specific drug delivery systems”	Andhra University , Vishakapattanam, AP India, India
6.	2013	Novel drug delivery systems for crossing blood brain barrier using nanotechnology	Kakatiya University, Warangal. AP. India
7.	2010	The pharmacological profile of thienopyridines and their mechanism of action.	Osmania University, Hyderabad. India
8.	2010	Gum Konda gogu (Cochlospermumgossypium) – A Natural Biopolymer for Pharmaceutical Application.	Jamia Hamdard University, New Delhi. India
9.	2010	Effect of surface modification of Solid Lipid Nano particles in Brain Targeting.	Jamia Hamdard University, New Delhi. India
10.	2006	Muco adhesive delivery systems for Mucosal immunisation and systemic action of therapeutic proteins/vaccines.	Jamia Hamdard University, New Delhi. India
11.	2006	Design characterization and Comparative evaluation of Folate Mediated targeting of anticancer drug carriers.	Jamia Hamdard University, New Delhi. India
12.	2004	Novel ligand coupled Nano-constructs for the per oral delivery of proteins.	Dr. H.S. Gour Vishwavidyalaya, Sagar, Madhya Pradesh, India
13.	2004	Development and optimization of engineered dendrimer Nano constructs for controlled delivery of some drugs.	Dr. H.S. Gour Vishwavidyalaya, Sagar, Madhya Pradesh. India
14.	2003	Phytochemical and Pharmacological Evaluation of Medicinal Plants and their pharmacological evaluation.	Osmania University, Hyderabad. India
15.	2003	Pharmacodynamic Evaluation of Transdermal Drug Delivery System of Glipalamide in Rats	Osmania University, Hyderabad. India
16.	2002	Effective transdermal delivery of Lipophilic drugs optimization of hydroxypropyl b-Cyclodextrin based co-enhancer formulations	Osmania University, Hyderabad, A.P. India

S.NO.	Year Degree Awarded	Title	Affiliated University
17.	1999	Formulation and Biopharmaceutical Evaluation of Compressed Rectal Suppositories of Nonsteroidal Anti-inflammatory Drugs	Osmania University, Hyderabad. India
18.	1999	Development and Characterization of Phospholipid based Drug Carrier Systems for Indomethacin and Terbutaline Sulphate	Dr. H.S. Gour Vishwavidyalaya, Sagar M.P. India
19.	1998	Formulation, Pharmacokinetic and Pharmacodynamic Evaluation of Transdermal Drug Delivery Systems	Osmania University, Hyderabad. India
20.	1995	Anticonvulsant Effect of Sepia Shell Extract against Pentylene tetrazol and Strychnine induced Convulsions	Osmania University, Hyderabad, A.P. India
21.	1993	Neuropharmacological and Toxicological Profile of Organophosphorus Compound: Chlorpyrifos	Osmania University, Hyderabad, A.P. India
22.	1992	Formulation, Pharmacokinetic and Pharmacodynamic studies on compressed suppositories	Kakatiya University, Warangal, A.P. India

Research advisor for M. Pharm dissertation work

M. Pharm - Subject Specialty	Total number of students advised
Pharmaceutics	118
Pharmacology	61
Pharmaceutical Analysis and Quality Assurance (PA and QA)	54

PATENTS (INTELLECTUAL PROPERTY RIGHTS)

No.	Patent Number	Title	Inventors
1	United States 20120108833 131203374	Process for the Preparation of Phytosteryl Ferulate US201208833a 1, United States	Inventors Bethala Lakshmi Anu Prabhavathi Devi, Bhongiri Yadagiri, Sanjit Kanjilal, Sistla Ramakrishna, Kuncha Madhusudhana, Prakash Vamanrao Diwan , Rachapudi Badari Narayana Prasad
2	United States 20110269790	Novel thienopyridines as pharmacologically active agents US20110269790a1, United States	Shireesha Boyapati, Akkinapally Raghuram Rao, Banda Narsaiah, Prakash V. Diwan , Sistla Ramakrishna, Madhusudhana, Tallapally Yakaiah

No.	Patent Number	Tital	Inventors
3	United States 7626025	Beta-Carboline Derived Guanidine Alkaloids, Tiruchenduramine US20110269790a1 United States Patent Application Publication	Shireesha Boyapati, Akkinepally Raghuram Rao, Banda Narsaiah, Prakash V. Diwan , Sistla Ramakrishna, Madhusudhana, Tallapally Yakaiah Current Assignee Council of Scientific & Industrial Research (An Indian Registered Body Inc Under Registration of Societies Act (Act Xxi Of 1860))
4	United States 6,730,704	1-(Aryloxy) Propionoyl-2- Arylsulfonyl Hydrazine's, Process For Preparation Thereof And Use There of As Hypoglycaemic Agents, US20030180399a1, United States	Abhay Chauhan, Kishore Chalasani, Sridevi Surapanini, Sharath Yandrapu, Rajasekhar Kataram, Govardhana Chary, Prakash Diwan , Kondapuram Raghavan Current Assignee Council of Scientific and Industrial Research CSIR
5	United States 20030180250,	Compositions And Complexes Containing A Macromolecular Polymer As Potential Anti- Inflammatory Agents, US20030180250a1, United States	Abhay Chauhan, Prakash Diwan , Narendra Jain, Kondapuram Raghavan, Current Assignee, Council of Scientific and Industrial Research CSIR
6	United States 20030180399,	Therapeutic/Edible Formulations Comprising Herbal Ingredients and Methods For Treating Hyperglycaemia, US20030180399a1, United States	Abhay Chauhan, Kishore Chalasani, Sridevi Surapanini, Sharath Yandrapu, Rajasekhar Kataram, Govardhana Chary, Prakash Diwan , Kondapuram Raghavan Current Assignee Council Of Scientific And Industrial Research CSIR
7	United States 6,200,570 6,379,673 6,383,495,	Herbal Formulation Useful as A Therapeutic and Cosmetic Applications for the Treatment April 30, 2002 of General Skin Disorders May 7, 2002	Prakash Vaman Rao Diwan , Bhamidipalli Subrahmanya Sitaramam, Sistla Ramakrishna, Kondapuram Vijaya Raghavan. Current Assignee Council of Scientific and Industrial Research CSIR
8	US6200570b1,	Herbal Formulation Useful as A Therapeutic and Cosmetic Applications for the Treatment of General Skin Disorders, United States	Prakash Vaman Rao Diwan , Bhamidipalli Subrahmanya Sitaramam, Sistla Ramakrishna, Kondapuram Vijaya Raghavan. Current Assignee Council of Scientific and Industrial Research CSIR

No.	Patent Number	Tital	Inventors
9	US6383495b1,	Herbal Formulation useful as a Therapeutic and Cosmetic Applications for the Treatment of General Skin Disorders, United States	Sistla Ramakrishna, Bhamidipalli Subrahmanya Sitaramam, Prakash Vaman Rao Diwan , Kondapuram Vijaya Raghavan. Current Assignee Council of Scientific & Industrial Research (An Indian Registered Body Inc Under Registration of Societies Act) (Act Xxi Of 1860),
10	United States 6,482,413,	Vitamin B12 -Biodegradable Micro Particulate Conjugate Carrier Systems for Peroral Delivery of Drugs, Therapeutic Peptides / Proteins and Vaccines, US6482413b1, United States	Kishore Babu Chalasani, Vamanrao Diwan Prakash , Kondapuram Vijaya Raghavan, Gregory John Russell-Jones, Sanjain Kumar Jain, Kollipara Kotesawar Rao Current Assignee Council of Scientific and Industrial Research CSIR
11	PCT/ Ib2002/001151,	Therapeutic Edible Composition for Treating Hyperglycaemia, WO2003080088A1, Wipo (PCT) Other Languages : French	Abhay Singh Chauhan, Kishore Babu Chalasani, Sridevi Surapanini, Sharath Kumar Yandrapu, Rajasekhar Kataram, Govardhana Maraju Chary, Prakash Vamanrao Diwan , Kondapura Vijaya Raghavan
12	United States 6,482,413,	Vitamin B12 – Biodegradable Micro Particulate Conjugates Carrier Systems for Peroral Delivery of Drugs, Peptides / Proteins and Vaccines, US6482413B1, United States	Kishore Babu Chalasani, Vamanrao Diwan Prakash , Kondapuram Vijaya Raghavan, Gregory John Russell-Jones, Sanjain Kumar Jain, Kollipara Kotesawar Rao Current Assignee Council of Scientific and Industrial Research CSIR
13	United States 5,877,320,	Process for Preparation of Organotin Compounds as Cytotoxic Agents US 5877320 A	Sujit Roy, Purnima M. Samuel, Prakash V. Diwan , P. Kanta Rao, Uday T. Bhalerao. Current Assignee Council of Scientific and Industrial Research CSIR
14	United States 5,929,238,	Process for Preparation of Organotin Compounds as Cytotoxic Agents, US5929238A, United States	Sujit Roy, Purnima M. Samuel, Prakash V. Diwan , P. Kanta Rao, U. T. Bhalerao Current Assignee Council Of Scientific And Industrial Research CSIR

No.	Patent Number	Title	Inventors
15	India, USA and European Union 5877320,	A Process for the Preparation of Oregano Tin Compounds which are useful as Cytotoxic Agents US5877320A, United States	Sujit Roy, Purnima M. Samuel, Prakash V. Diwan , P. Kanta Rao, Uday T. Bhalerao. Current Assignee Council of Scientific and Industrial Research CSIR
16	3519/Del/97,	Herbal Cream Formulations for Cracked Heels, Therapeutic	Prakash Vaman Rao Diwan , Bhamidipalli Subrahmanya Sitaramam, Sistla Ramakrishna, Kondapuram Vijaya Raghavan
17	India 851/Del/91	A, Novel Constant And Continuous Flow Suppository Dissolution Apparatus	M.S.P. Sastry, Prakash Vanmanrao Diwan and S. Satynarayana

SPONSORED SCIENTIFIC PROJECT REPORTS

No.	Year	Project/Technology	Sponsor
1.	2020	Surface functionalized exosomes of temozolomide for targeting glioblastoma multiforme.	Rajiv Gandhi University of Health Science, Bangalore, India
2.	2020	Anti-Microbial Sensitivity Test for Dispersing tablet Terminalia chebula.	M/s. Avance Phototherapies Pvt. Ltd., Ahmadabad.India
3.	2019	Pre-clinical safety evaluation of gut health product for 90 days repeated toxicity studies in Sprague Dawley® rats.	M/s. Bio agile thepeuties pvt. ltd., Bangalore, India
4.	2019	Pre-clinical safety evaluation of cognique for 90 days repeated toxicity studies in Sprague Dawley® rats.	M/s. Bio agile thepeuties pvt. ltd., Bangalore, India
5.	2011	Six Pack Studies on Nepalactum and Transfluthrin.	M/s. Chemveda Life sciences India Pvt. Ltd, Hyderabad, Telangana. India
6.	2011	Tazarotene Pro niosomal Gel Formulation For Transdermal Drug Delivery In Rats and Human beings For Psoriatic Therapy.	M/s. APTUS Therapeutics Pvt Ltd., Hyderabad, Telangana. India
7.	2007	Acute and Sub acute toxicity study of Radicap in Mice.	M/s. Avance PhytotherapiesPvt Ltd, Ahmedabad. India
8.	2006	Study of controlled release pharmaceuticals from proprietary biomedical devices. (Collaboration with Organic Coating and Polymers Division, IICT)	Confluent Surgical. USA
9.	2006	Acute and Chronic Toxicity study of Chymosin in rats and rabbits.	M/s. Sudarshan Biotech, Hyderabad, India

No.	Year	Project/Technology	Sponsor
10.	2006	Dose Escalation and Tissue Distribution studies of Monoisoamy I Dimercaptosucinic Acid after oral Administration in rats.	Defence Research Development Establishment (DRDE), Gwalior
11.	2006	Acute and Sub-acute Toxicity Study of Ropivacaine Hydrochloride Injection (Formulation) in rats and mice.	M/s. Gland Pharma Chemicals, Hyderabad, India
12.	2006	Acute Oral Toxicity Study of Proprietary Ayurvedic Medicine in Mice and rats.	M/s. GP Institute, Hyderabad, India
13.	2006	Influence of Ayush Manas on Episodic Memory in rats.	The Central Council for Research in Ayurvedic Sciences (CCRAS), New Delhi
14.	2006	Acute and sub acute toxicity study of Ropivacaine Hydrochloride Injection (Formulation) in rats and mice.	M/s. Gland Pharma Limited, Hyderabad, India
15.	2006	Chronic Toxicity Study of Ayurvedic Bhasma 'e' in rats and mice.	The Central Council for Research in Ayurvedic Sciences (CCRAS), New Delhi, India
16.	2006	Sub acute toxicity study of Ayurvedic Bhasma 'e' in rats and mice.	The Central Council for Research in Ayurvedic Sciences (CCRAS), New Delhi, India
17.	2006	Evaluation of Immunomodulatory activity of Ayush formulations.	The Central Council for Research in Ayurvedic Sciences (CCRAS), New Delhi, India
18.	2006	Evaluation of the in vivo efficacy of Peg-GCSF and GCSF by Cyclophosphamide (CPA) induced Neutropenia in mice.	M/s. Gentox Bio Services Pvt Ltd, Hyderabad. India
19.	2006	To Evaluate The Aphrodisiac Activity Of Safed Musli (Chlorophytum Borivilianum) In Adult Wistar Rats.	M/s. Nandan Biomatrix Limited, Hyderabad, India
20.	2006	Acute toxicity study of Fosphenytoin Sodium (Formulation) administered intravenously in rats and mice.	M/s. Gland Pharma Pvt. Ltd., Hyderabad. India
21.	2005	Sub acute toxicity study of wound healing peptide (GENOPEP) in rats and rabbits.	M/s. Issar Pharmaceuticals Pvt Ltd, Hyderabad, India
22.	2005	Anti-Inflammatory Activity Of Divi's Compounds By Carragennan Induced Rat Paw Edema Model.	M/s. Divi's Laboratories Limited,, Hyderabad. India
23.	2005	Acute oral toxicity study of SMSRC -0401.	M/s. SMS Pharmaceuticals Ltd, Hyderabad. India
24.	2004	Acute oral toxicity of Citlopram Hydrobromide in rats and mice.	M/s. Aurobindo Pharma Limited, Hyderabad. India
25.	2004	Sub acute Toxicity Study Of Rosuvastatin Calcium And Ezetimibe in Mice And Rats.	M/s. MSN Laboratories, Hyderabad., India

No.	Year	Project/Technology	Sponsor
26.	2004	Evaluation Of Anti Inflammatory Potential Of Synthetic Compounds In Rat Paw Edema Model.	M/s. V Life Sciences Technologies Pvt Ltd, Pune, India
27.	2004	Acute oral toxicity of Ceftiofur Sodium (sterile) in rats and mice.	M/s. Aurobindo Pharma Limited, Hyderabad. India
28.	2004	Pharmacokinetic studies of an arsenic antidote Monoisoamyldimercapto succinic acid (MiADMSA) in Wistar rats. Part A: Bioanalytical method development and validation.	Defence Research And Development Establishment, Gwalior. India
29.	2004	Evaluation Of Anti Inflammatory Activity Of The Compound Lhr –2446ar1 In Rat Paw Edema Model.	M/s. Lupin Limited, Mumbai. India
30.	2004	Evaluation Of Anti Inflammatory Potential Of The Compound Ar – 001 In Rat Paw Edema Model.	M/s. Nicholas Piramal India Ltd, Thane., Maharashtra, India
31.	2004	Rabeprazole Injection –A 14day Intravenous Toxicity study in mice and rats.	M/s. Lyka Labs Limited, Mumbai, India
32.	2004	Acute Oral Toxicity of Citalopram Hydrobromide in rats and mice.	M/s. APL Research Centre, Hyderabad. India
33.	2004	Preclinical Toxicity Evaluation of Haemophilus Influenzae Type B Conjugate Vaccine in rats and rabbits.	M/s. Biological E. Limited, Hyderabad, Telangana. India
34.	2004	Sub-acute toxicity study of safed Musli in Wister Rats and Swiss Mice.	M/s. MitalMusli Farm, Jalagaon., Maharashtra. India
35.	2003	Report of the Possible Ill-effects of Over-exposure of Population to Exhaust Emission.	M/s. Indian Oil Corporation Limited, Faridabad. India
36.	2003	Pre-clinical Toxicity Evaluation of Drug Eluting Stents in Rabbits.	M/s. Care Polymed Limited, Hyderabad, India
37.	2003	Toxicological Evaluation of rh-Hepatitis 'B' Vaccine in Rabbits and Mice.	M/s. Biological E. Limited, Hyderabad, Telangana. India
38.	2003	Subacute Toxicity Study of Tirofiban Hydrochloride in Rats and Mice.	M/s. Gland Pharma Ltd., Hyderabad, Telangana. India
39.	2003	Evaluation of Anti diabetic activity of Proprietary herbal formulations.	Defence Research Laboratory (DRL) Facility, Tezpur
40.	2003	Oral Drug Delivery for Proteins and Peptides.	M/s. Transgene Biotech , Hyderabad, India
41.	2002	Comparative Pharmacokinetic Evaluation of Gentamicin Polymer Adducts in Sprague Dawley Rats.	M/s. Orchid Chemicals & Pharmaceuticals Ltd., Chennai. India
42.	2002	Subacute toxicity study (28 days) of "Anticoagulant".	M/s. Biological E. Ltd., Hyderabad, Telangana. India

No.	Year	Project/Technology	Sponsor
43.	2002	A comparative evaluation of in vitro drug release from Atenolol Tablets.	M/s. Sain Medicaments Pvt. Ltd., Hyderabad. India
44.	2002	Pre-clinical toxicological evaluation of Recombinant Human Epidermal Growth Factor (rh-EGF).	M/s. Bharat Biotech International Ltd., Hyderabad. India
45.	2002	A 7 Day acute toxicity study of Omeprazole Injection in mice.	M/s. NATCO Pharma Ltd., Hyderabad. India
46.	2002	Report on the Pharmacokinetic Evaluation of DRDE 07.	Defence Research and Development Establishment (DRDE). India
47.	2002	Pharmacokinetics of the Antidote (DRDE-07) for sulphur mustard poisoning.	Defence Research & Development Establishment, Gwalior, India
48.	2001	Subacute toxicity study of Jigrine Tablets in rats and mice.	M/s. Hamdard National Foundation, New Delhi, India
49.	2001	Subacute toxicity study of Jigrine Capsules in rats and mice.	M/s. Hamdard National Foundation, New Delhi, India
50.	2001	Subacute toxicity study of Low Molecular Weight Heparin.	M/s. Biological E. Limited, Hyderabad, India
51.	2000	Bioequivalence of Diclofenac Sodium sustained release tablets in healthy human volunteers.	M/s. Win Medicare Limited, New Delhi, India
52.	2000	Subacute toxicity study of Indinavir Sulphate in rats and mice.	M/s. Aurobindo Pharma Ltd., Hyderabad, India
53.	2000	Subacute toxicity study of Sildenafil Citrate in rats and mice.	M/s. Aurobindo Pharma Ltd., Hyderabad, India
54.	2000	Subacute toxicity study of Jigrine tablets and capsules in rats and mice.	M/s. Hamdard National Foundation, New Delhi, India
55.	1999	Acute and Subacute toxicity study of Streptokinase in Rats and Guinea pigs.	M/s. Bharat Biotech International Ltd., Hyderabad, India
56.	1999	Acute toxicity study of Losartan Potassium in Rats.	M/s. Sri Chakra Remedies Ltd., Hyderabad, India
57.	1998	Chronic toxicity study of Hepatitis 'B' vaccine in Mice and Guinea pigs.	M/s. Bharat Biotech International Ltd., Hyderabad, India
58.	1998	Safety / Toxicity Evaluation of Ayurvedic Bhasma'v'.	Central Council for Research in Ayurveda and Siddha, Ministry of Health & Family Welfare, Govt. of India, New Delhi
59.	1997	Bio adhesive toxicity study of 2-Isoamyl cyano acrylate in Rats and Mice.	M/s. Concord Drugs, Hyderabad, India
60.	1996	Acute dermal toxicity and delayed hypersensitivity evaluation of cosmetic creams.	M/s. Torrent Pharmaceuticals Ltd., Ahmedabad, India

No.	Year	Project/Technology	Sponsor
61.	1995	Subacute toxicity study of n-butyl cyanoacrylate - a bio adhesive, in rats and mice.	M/s. Memory Polymers, Hyderabad, India
62.	1995	Subacute toxicity study of n-butyl cyanoacrylate - a bio adhesive, in rats and mice.	M/s. Nectar Laboratories, Hyderabad, India
63.	1995	Subacute toxicity study of "Revivin" (a herbal revitalizer) in mice and rats.	M/s. NATCO Pharma, Hyderabad, India
64.	1995	Subacute toxicity study of Recombinant Hepatitis 'B' Vaccine in rats and mice.	M/s. Transgene Vaccines Ltd., Hyderabad, India
65.	1992	Dermal irritation test in rabbits.	M/s. ICI, Bombay, India
66.	1991	Subacute toxicity studies on 3% kitorolac in rats and mice.	M/s. Dr. Reddy's Laboratories Ltd., Hyderabad, India
67.	1991	Evaluation of herbal tranquilizer.	M/s. Lupin Laboratories, Bombay, India
68.	1989	Delayed neurotoxicity studies on chlorpyrifos in rats and chicks.	Central Insecticide Board, New Delhi
69.	1989	Subacute studies on ciprofloxacin lactate infusion in mice.	Drugs Controller of India, New Delhi
70.	1987	90 day toxicity study and pharmacokinetics of 2-carbamoyl ethyl benzoate in rabbits.	Drugs Controller of India, New Delhi
71.	1984	Pharmacological evaluation and toxicity (subacute and chronic) study in rats and dogs, "A new non-steroidal analgesic and anti-inflammatory agent 2-carbamoyl ethyl benzoate".	Drugs Controller of India, New Delhi
72.	1984	Subacute toxicity evaluation of rectal suppositories such as paracetamol, diclofenac sodium, piroxicam and metoclopramide HCl.	M/s. Nectar Laboratories, Hyderabad, India
73.	1984	Development and Commercialization of Bioactive Substances from Plant Sources.	Council of Scientific and Industrial Research (CSIR), New Delhi, India

Scientific Bibliography

1. Dr. Srinivasa K Rao, **Dr. Prakash V Diwan**, T.Longvah Editors, "Quinova- Nutrition and Health Benefits" creative Research Results of over 530 Scientists. 2015. ISBN : 10:8193222806
2. Dr. T.S.S. Dikshith and **Dr. Prakash V. Diwan**." Industrial Guide to Chemical and Drug Safety" John Wiley & Sons, Inc., New York, USA, 2003. ISBN : 978-0-471-42607-3, MAY, 2003 664 Pages.
3. **Dr. Prakash V Diwan** Editor "Newsletter" Indian Pharmaceutical Association, A.P. Branch, 1999 – 2002. 4. **Dr. Prakash V. Diwan** and Dr. P. Sisodia "Hepatitis : Pathophysiology and Pharmacotherapy", Proceeding of Indian Pharmacological Conference Society, Hyderabad, 1994.

RESEARCH PUBLICATIONS

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Communicated

1. Mayank Kumar Singh, S. R. Shivhare and **Prakash V. Diwan** "Characterization of silymarin nanosuspension and its therapeutic potential in Sprague-Dawley rats". Journal of the Indian Chemical Society (ESTD. 1924).
2. Mayank Kumar Singh, S. R. Shivhare and **Prakash V. Diwan** "Fabrication of Vitamin E-TPGS stabilized nanosuspension for enhanced solubility cum oral bioavailability resveratrol". Journal of Ethnopharmacology (Elsevier)

Under Preparation

3. Mayank K. Singh, Suprabhat Sarkar, R. Akshaya, V. Lakshma Nayak, Ramakrishna Sistla, Sutapa Ghosh, & **Prakash V. Diwan**. "Blue Emissive Nitrogen Doped Carbon Dots from Yellow Oleander for Combating Prostate Cancer: An in-vitro Study". RSC Advances (RSC-UK)

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1. Peram MR, Patil SR, Kumbar VM, Kugaji MS, Bhat KG, **Diwan PV**, Jalalpure S. An RP-HPLC Method for Quantitative Analysis of Linagliptin Entrapped in Nanotransfersomes and its Application to Skin Permeation Studies. Current Pharmaceutical Analysis. 2021 Feb 1;17(2):231-40.
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INFORMATION DISSEMINATION

Scientific Discussion Symposia, Conference, Workshops and webinars Organized

Year	Forum	TOPIC
2021	Webinar, National Institute of Pharmaceutical Education and Research, Hyderabad, India	Pharmaceutical Technology and drug discovery. "Impact and concerns of nano-technology in 21st century health care"
2021	International Virtual Symposium at Deharadun Institute of Technology	Role of Pharmacist in immunisation :Immunisation : A key to preventive Health Care

2021	Webinar - 1 Week for Students and Faculty of Maratha Mandal Dental Sciences, Belgaum, Karnataka India	Continuous Dental Education Programme on GLP, GCP and IPR
2021	National Symposium and Workshop, Maratha Mandal NGH Dental Sciences, Belgaum, Karnataka India	National Symposium and workshop on Experimental Research and alternatives (SWERA)
2020	Webinar - Medicinal Chemistry and Pharmaceutical Chemistry: Present and future Organised in association with Royal Society of Chemistry (London)	Drug development: A journey of medicine from lab to medical shop
2020	Webinar series in pharmacology, organized by Indian Pharmacological Society (5th, 6th Sep. to 27th Sep. 2020)	Drug Discovery
2020	Get-together Webinar of Senior Pharmacologists of India	Star Pharmacologists of India
2020	Seminar, Maratha Mandal NGH Dental Sciences, Belgaum, Karnataka India	Empowering soft and hard skills
2019	Seminar, Maratha Mandal NGH Dental Sciences, Belgaum, Karnataka India	Missing links in Scientific writings.
2016	Regional Conference of Indian Pharmacological Society, Belgaum	Southern Regional Conference at Belgaum Institute of Medical Sciences
2013	International Conference at School of pharmacy, Anurag Group of Institutions, Hyderabad	Re-addressing research in pharmaceutical sciences: a global perspective”
2012	International Women’s Day at School of Pharmacy, Hyderabad	Empower Women - Hunger and Poverty
2012	51th National Pharmacy Week at School of Pharmacy, Hyderabad	Pharmacist in Public Health
2011	The International Conference at School of Pharmacy, Hyderabad	Imbibing Pharmaceutical knowlege to the professionals
2009	Workshop at School of Pharmacy, Hyderabad	One Stop Show : Pharmacy Profession in action.
2007	Regional Conference of Indian Pharmacological Society at Indian Institute of Chemical Technology, Hyderabad, India	3 days conference with scientific delebarations.
1992	Annual Conference of Indian Pharmacological Society at Deccan Medidla College and Research Centre, Hyderabad	3 Days National Conference with Scientific Celebrations
1988	Annual Conference of Indian Pharmacological Society at Indian Institute of Chemical Technology	3 days National Conference at Hyderabad, India. Scientific Delebarations

Scientific lectures to mixed group of audience at National and International Platforms

1. Missing links in herbal research: SWOT Analysis
2. Murder Magic and Medicinal Research
3. Sweet death (diabetes)
4. Chemistry from bench to market
5. The story of drugs
6. Biotechnology Prospectus

7. AIDS
8. Herbal medicine – good, bad and ugly
9. Serendipity in herbal research
10. Drug Discovery
11. Fitness to Fatness and vies versa.
12. New challenges for pharmaceutical industry
13. Current status of drug development
14. Career Prospects in Pharmacy
15. Drugs and Environment
16. Junk Food and Health
17. Fish Medicine
18. New Waves in life Science
19. Storage and Retention of records and materials
20. Terrified Pharmacologist needs an engineer
21. Attitude is a key to success
22. Research methodology
23. Nano technology Small but need of 21st Century
24. Health tips for all
25. Impact of biodiversity on Environment
26. Over view of good laboratory Practice
27. Wonders and worries in Nanotechnology
28. Missing links in Herbal research
29. How to Achieve professional competence
30. Embrace the innovations and explain ideas: A key to success
31. Navigating herbal research to achieve global platform: SWOS analysis
32. Obesity a global concern: Panellist
33. Wonders & Worries of Nanotech in health care
34. Drug discovery & Development-Bench to bedside for healthy living
35. Technical skill provide jobs and soft skills can make or break your career
36. Prescription for Pharmacy a rewarding carrier
37. Handling & care of experimental animals
38. ContinueOus Dental Education programme as recourse person GLP,GCP and IPR
39. Immunization : A Key for preventable healthcare
40. Proposal for atal Incubation Centre at CRL, Belagavi.
41. The science of scientific writings : A key to academic success
42. Embrace the ennovations and exploid ideas : Be your own Boss!

Professional Recognitions : Honors, Indian Pharmacological Society

Life time achievement Oration Awards

- ◆ Oration : Central Drug Research Institute Lucknow, India (2016)
- ◆ Oration : Col. Ramnath Chopra Oration award (2011)
- ◆ Fellow of Indian Pharmacological Society (2010)
- ◆ Oration : Dr. B N Ghosh memorial award (2004)

Awards :

Year	Prize/Grant	Venue	Research Topic
2019	Prof. B. UVNAS PRIZE	51st Annual Conference of Indian Pharmacological Society	Effects of Fisetin on Hyperhomocysteinemia-Induced Experimental Endothelial Dysfunction and Vascular Dementia. 5th IUPHAR World Conference on the Pharmacology of Natural Products (Authors : Boyina Hemanth Kumar, Ravula Arun Reddy, Jerald Mahesh Kumar, B Dinesh Kumar and Prakash V Diwan)
2019	ICMR Travel Grant (Singapore)	International Conference on Pharmacology : Advances in Translational Sciences & Drug Discovery, Singapore	Restoration of endothelial and oxidative dysfunction in hyperhomocysteinemia-induced vascular dementia model by Vanillic acid. (Authors : B. Hemanth Kumar, B. Dinesh Kumar, P.V. Diwan , J Mahesh Kumar)
2018	“Seedinglab’ 2018” Instrumental Access award	Boston, USA	Maratha Mandal Group of Institution, Cental Research Laboratory, Belgaum, Karnataka, India Prakash V. Diwan & Kishore Bhatt
2017	DST-SERB Travel Grant (Japan)	XXIII World congress of Neurology at Kyoto, Japan	Protective effects of natural dietary antioxidants fisetin and hesperidin on chronic mild hyperhomocysteinemia-induced vascular dementia in wistar rats. (Authors : B. Hemanth Kumar, B. Dinesh Kumar, Prof. Prakash Diwan)
2015	Prof.G.Achhari Prize	48th Annual pharmacological conference of Indian pharmacological society at Saurashtra University at Rajkot, Gujarat	Hesperidin Improves Learning and Memory Outcomes Attenuating Oxidative Stress and Endothelial Dysfunction in Hyperhomocysteinemic Rats (Authors : B. Hemanth Kumar, B. Dinesh Kumar, P.V. Diwan)
2015	European Atherosclerosis Society - Young Investigator Fellowship Award	83rd European Atherosclerosis Society Congress in Glasgow UK	Geraniol a major component of essential oil ameliorates endothelial dysfunction induced by high-fat diet fed rats (Authors : R. Kshirsagar, G.B. Reddy, V. Bakshi, P. Diwan)
2014	International Atherosclerosis Society Asia – Pacific Federation – “Young Investigator Grant”	East Meets Symposium HongKong	Citronellol a Major Component of Essential Oil Ameliorates Endothelial Dysfunction Induced by Diet Rich in Fat and Sucrose in Rats (Authors : Rahul Kshirsagar, G Bhanuprakash Reddy, Prakash V Diwan)

Year	Prize/Grant	Venue	Research Topic
2003	Chandra Kant Dandiya Award	Jaipur, India	For publication of book on "Industrial Guide to Chemical and Drug Safety" (Ed.) John Wiley & Sons, USA
1990.	P. P. SuryaKumari Prize	Indian Pharmacological Society	For published research work on diabetes
1988	Gufic Prize	Annual conference of Indian Pharmacological Society, Hyderabad	Research work on Indigenous plants
1987	Thanjavur Southern Regional Conference Prize	Indian Pharmacological Society	Regional Conference, Belgaum Best Research Paper Presentation
1982	Mangalore Southern Regional Conference Prize	Indian Pharmacological Society	Regional Conference, Belgaum Best Research Paper Presentation
1978	Dr. S.S. Mishra Memorial 'Young Scientist' Award,	National Academy of Medical Sciences (NAMSc) New Delhi	Actions of Sodium nitroprusside on non-vascular smooth muscles

Institutional Awards - Indian Institute of Chemical Technology

- 2001 – 2002 Best Performance Award by way sponsorship Pharmaceutical industries.
2000 – 2001 Best Customer Satisfaction Award service rendered to Pharmaceutical Industries.
1999 – 2000 Best Performance Award for commercial output for sponsored projects.

International Professional Speaking Assignments

Year	Country	City	Role
2018	USA	Chicago	Keynote Speaker: 12th World Drug Delivery "Pursuit of oral Insulin is a reality : is it a matter of when?"
2015	Oman	Muscat	Guest speaker, International conference in pharmacology
2014	South Africa	Cape town	Guest speaker, and Poster presentations at IUPHAR,
2008	USA	San-diego,	Guest Speaker American Association Pharmaceutical Sciences
2006	China	Beijing	Team member of INSA Indian delegate, at IDPHAR
2003	Australia	Sydney	Member of Access Pharmaceuticals Team for Commercial negotiation on Oral Insulin Delivery
1997	Germany	Stuttgart	Indo-German Senior DAAD fellowship , Robert Bosch Hospital Stuttgart Germany
1992	Japan	Toyama	Toyama Medical & Pharmaceutical University Toyama, Japan Visiting Professor
1990	Netherlands	Amsterdam	Presented a Paper in XIIth IDPHAR Congress

Year	Country	City	Role
1990	USSR	Moscow	Indo-USSR ILP Programme: Shemyakan Institute of Bioorganic Chemistry, Moscow, USSR. Visiting Scientist
1987	Australia	Sydney	Presented a Paper in XIIth IDPHAR Congress
1985	USA	Florida	USA Post-Doctoral Fellow at University Florida, Gainesville, USA.

Professional certifications

International and National Honorary certifications

Year Awarded	Certificate	Abbreviation
2021	Fellow of Indian Social Science Academy	FISSA
2011	Fellow of Indian Pharmaceutical	FIPA
2010	Fellow of Indian Pharmacology Society	FIPS
2009	Fellow of the Royal Society of Chemistry, London	FRSC (London)
2002	Fellow of Academy of Sciences for Animal Welfare, India	FAScAW
2002	Fellow of Andhra Pradesh Academy of Sciences, India	FAPASc
1980	Fellow of Academy of General Education, India	FAGE

Government of India Certifications

1. Certified Auditor for Good Laboratory Practice (GLP) from Dept. of Science and Technology, Govt. of India
2. Certified Assessor for National Accreditation Board for Testing and Calibration Laboratories (NABL) from Dept. of Science and Technology, Govt. of India
3. NABL, Quality Manager, ISO - 15189-2012 - Central research laboratory, Belgaum, India.
4. Chemist - Drug & Cosmetic testing, Drug Control Administration, Andhra Pradesh., India

Memberships in professional associations, Technical and Advisory Committees

1. GLP and ISO - 9000 for Standard Australian Quality Assurance, Australia
2. President, Indian Pharmacological Society
3. Member Indian pharmacopeia commission Expert committee, Indian Pharmacopoeia Commission for pharmacology, biostatistics, bio standardization and Toxicology, New Delhi
4. Member Editorial Board, Indian Journal of Pharmacology.
5. Member Editorial Board, A.P. Academy of Science Journal.
6. Member Academic Council, Anurag group of Institutions.
7. Editorial Member Indian Journal of Pharmaceutical Sciences.
8. Executive Committee Member – Indian Pharmaceutical Association, Andhra Pradesh Branch, India.
9. Chairman, Central Scientific Service Committee, Indian Pharmaceutical Congress Association.
10. CM's Task Force Committee: Pharmaceutical Education, Government of Andhra Pradesh, India.
11. Board of Studies, Pharmaceutical Sciences, Osmania University, Hyderabad, India.

12. Board of studies, Pharmaceutical Sciences, Nagpur University, Nagpur, Maharashtra State, India.
13. National Advisory Committee for Congress on Frontiers in Pharmacology in 21st Century, New Delhi, India.
14. Doctoral Admission Committee, Osmania University, Hyderabad, India.
15. CPCSEA Nominee Govt. of India.

Technical Advisor to :

M/s. Nectar Laboratories Ltd.
M/s. gvk biosciences Pvt Ltd.
M/s. Transgene Biotechnologies Pvt. Ltd.
M/s. Bright Research Foundation.
M/s. J. J. Dechene Laboratories.
M/s. Chemveda Life sciences India Pvt. Ltd.
M/s. APTUS Therapeutics Pvt Ltd.
M/s. Issar Pharmaceuticals Pvt. Ltd, Hyderabad, India.

Academic Credentials :

Degree	Year awarded	Major	Awarding Institution
Bachelor of Science (B.Sc.)	1965-1969	Chemistry, Physics and English	Karnataka University, Dharwad, India.
Master of Science (M.Sc.,)	1970-1974	Pharmacology	Karnataka Medical College Hubli, Karnataka, India.
Doctorate (Ph.D)	1978-1981	Pharmacology	Postgraduate Institute of Medical Education & Research, Chandigarh, India.

CHRONOLOGY OF WORK HISTORY

From	To	Designation	Institution
2017	till date	Executive Director	SD College of Pharmacy, Karnataka, India
2016	till date	Research Director	Central Research Laboratory, Belgaum, Karnataka, India
2018	till date	Chairman, Board of studies in Pharmaceutical sciences	Vignan's Deemed University, Andhra Pradesh, India
2020	till date	Quality manager	National Accreditation Board for Testing and Calibration Laboratories (NABL-India) - COVID-19 RT-PCR Testing, Gurugram, India.
1996	till date	Visiting Scientist	Owaisi Research Centre, Hyderabad, India.
2015	till date	Technical Advisor	IPC, Ghaziabad, Government of India

From	To	Designation	Institution
2015	2017	Technical Consultant	Indian Institute of Chemical Technology (IICT) Hyderabad
2015	2016	Research Consultant	Basic Science Research Centre (BSRC), KLE's University, Belgaum
2009	2014	Director	School of Pharmacy, Hyderabad
2006	2009	Founder Director	National Institute of Pharmaceutical Education and Research (NIPER) Hyderabad
2006	2009	Director Grade Scientist	Indian Institute of Chemical Technology (IICT), Hyderabad
2004	2009	Head, Pharmacology Division	Indian Institute of Chemical Technology (IICT), Hyderabad
1999	2009	Deputy Director– Pharmacology Division	Indian Institute of Chemical Technology (IICT), Hyderabad
2001	2005	Board of Studies Member in Pharmaceutical Sciences	Nagpur University, Nagpur, Maharashtra State, India
2001	2002	Project Coordinator - Biology Division	Indian Institute of Chemical Technology (IICT), Hyderabad
1999	2001	Visiting professor	Osmania University, Hyderabad
	1998	Consultant for B.Pharm course	Bharat Degree College of Pharmacy, Hyderabad
1994	1999	Sr. Assistant Director & Project Leader, Pharmacology Division	Indian Institute of Chemical Technology (IICT), Hyderabad
1993	1994	Visiting Professor (M.Sc., Medicinal Chemistry)	Osmania University Hyderabad, India
1988	1994	Assistant Director, Pharmacology Division	Indian Institute of Chemical Technology (IICT), Hyderabad
1983	1988	Senior Scientist in Pharmacology	Indian Institute of Chemical Technology (IICT), Hyderabad
1982	1983	Assistant Professor in Pharmacology, Teaching to Medical and Pharmacy students	Jawaharlal Nehru Medical College, Belgaum
1974	1982	Lecturer in Pharmacology (teaching Medical Graduates, Post Graduates & Research)	J.N. Medical College, Belgaum

Referee :

1. Dr. B. Dinesh Kumar

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Former Scientist 'G' - Director Grade Scientist

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Coordinator - Center for Advanced Research for Pre-clinical Toxicology (PCT),

Coordinator - NCC-PvPI

Councillor - IUPHAR-PNPS

Former President - Indian Pharmacological Society (IPS)

Secretary - Nutrition Society of India (NSI)

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