

PROFESSOR PRAVAT KUMAR SAHOO

Professor and Head, Department of Pharmacy,

University of Delhi,

Delhi institute of Pharmaceutical Sciences and Research (DIPSAR)

Dean, Student welfare, Dean (Examination)

Pushp Vihar-III, New Delhi-110017.

email: pksahoo10@rediffmail.com, Mobile: 9968263375.

1. Positions and Experience:

Organisation	Position held	From	To	Duties Performed
DIPSAR	Professor	29.06.2004	Till date	Teaching, Research, Administration
AICTE	Director	2010	2013	Academic Administration.
	Asstt. Director	1998	2004	
Sri Jayadev Col. of Pharmacy	Senior lecturer	28.11.1988	02.11.1998	Teaching, Academic, Admin., Research
Aristo pharmaceuticals	Manufacturing chemist	April 1988	Sept 1988	Manufacturing of Medicines
Abicee pharmaceuticals	Mfg. chemist	Aug. 1986	April 1987	Manufacturing of Medicines

28 years of experience in (Teaching, Industry, Research, Administration)

- A. **Delhi Institute of Pharmaceutical Science and Research (DIPSAR)** – 29th Jun 2004 to 28th June 2021 as Associate professor, 29th June to till date [From 29th Jun 2004 to till date] and at present **Professor and Head, Department of Pharmacy, University of Delhi.**
- B. **Teaching Experience:** *Sri Jayadev College of Pharmaceutical Sciences*, Bhubaneswar [28th Nov 1988 to 9th Nov 1998 as a Lecturer and then as Senior Lecturer].
- C. **Industry :** *Rallis India Ltd*, Bombay as Trainee Chemist, Jan, 1986-July, 1986
Abicee Pharmaceuticals, Bhubaneswar as Manufacturing Chemist, Aug, 1986-April, 1987.
Aristo Pharmaceuticals, Hyderabad as Manufacturing chemist, Apr, 1988-Sept, 1988.
- D. **Research Experience:** Regional Research Laboratory, Bhubaneswar, Jan, 1997 to Nov, 1998.

2. Books and chapters

- a) A Chapter on TABLETS – NISCAIR
- b) Written a chapter in MARKETING in IGNOU study materials
- c) Edited Sales management of IGNOU study material for PGDPSM

- d) **Compiled and published the Vocational Education study materials available under the continuing education program of AICTE.**
- e) **Coordinated and complied the development of Model syllabus for Pharmacy Education, Polytechnic Education, Engineering Education while working as Director, Education Development Bureau of AICTE.**
- f) **A Book in Pharmaceutical Marketing (Compilation stage)**

Publications and Paper presentations:

S. Kundu, **P. K. Sahoo**. Recent Trends in the Development of Orally Disintegrating Tablet Technology. *Pharma Times*:40(4);2008.

M.N. Reddy, C.S. Prakasa Sastry, **P.K. Sahoo** and D.G. Sankar. Spectroscopic Determination of Menadione in Pharmaceutical Preparations. December, 1989.

PK Sahoo and DK Tripathi. Fundamentals of Radio Pharmaceuticals. The Eastern Pharmacist, 1998

A.K.Dhadwe, C.P.Rathod, S.M.Vadvalkar, N.B.Ghiware, N.Y.Gond, G.R. Shendarkar, **P. K. Sahoo**. Formulation and Evaluation of Orodispersible tablet of Cinnarizine by direct compression method. *World journal of pharmacy and pharmaceutical Sciences*, vol.3, issue 5, 588-610, Research article, ISSN 2278-4357.

Sahoo PK, Makar H. Investigation of Release pattern of a drug with low Solubility through Asymmetric Membrane Capsules. *IJPS*, 2013 Mar-April, 75(2):205-210

Anil K Sharma, **Sahoo PK**, Majumdar DK, Panda AK. Topical ocular delivery of a COX-II inhibitor via biodegradable nanoparticles. *Nanotechnol Rev*. 2016 (Forthcoming); DOI: 10.1515/ntrev-2016-0004

Anil K Sharma, **PK Sahoo**, D.K. Majumdar, Navneet Sharma, R K Sharma & Amit Kumar. Fabrication and evaluation of lipid nanoparticulates for ocular delivery of a COX-2 inhibitor. *Drug Delivery*. 2016. (Forthcoming); DOI:10.1080/10717544.2016.1183720

Anil K Sharma, Amit Arya, **P.K. Sahoo**, Dipak K Majumdar. "Overview of natural biopolymers as carriers of antiphlogistic agents for treatment of diverse ocular inflammations". *Material Science Engineering C*. 67 ; (2016): 779–791.

Satish Manchanda, **P.K. Sahoo**, Dipak K Majumdar. "Mucoadhesive Chitosan-Dextran Sulphate Nanoparticles of Acetazolamide for Ocular hypertension. *Nanotechnology Reviews*. 2016. Accepted.

Satish Manchanda, **P.K. Sahoo**, Dipak K Majumdar. "Effect of formulation factors on transcorneal permeation of Acetazolamide from aqueous drops: in-vitro & in-vivo study. *Asian Journal of Pharmaceutics*. 2016. Accepted.

Satish Manchanda, **P.K. Sahoo**, Dipak K Majumdar. "RP-HPLC method development and validation for the estimation of Acetazolamide in bulk drug and formulations with forced degradation studies". *Der Pharmacia Lettre*. 2016, 8 (1):338-347.

Chauhan MK, **Sahoo PK**, Rawat AS, Singh A, Bamrara A, Sharma D. Bilosomes: A Novel Approach to Meet the Challenges in Oral Immunization. Recent Pat Drug Deliv Formul. 2015;9(3):201-12.

Chauhan MK, **Sahoo PK**, Rawat AK, Bamrara A, Kandwal M, Sharma D. Simultaneous estimation of gliclazide and lacidipine using spectrophotometric methods and its application in nanostructured lipid carrier (NLC) development. Der Pharmacia Lettre 6(6):352-358.

Chauhan MK, **Sahoo PK**, Rawat AK, Duggal D, Kandwal M, Sandal N. Formulation, characterization and in vitro evaluation of tactically engineered proniosomes for successful oral delivery of ramipril. Der Pharmacia Lettre, 2015, 7 (1):93-97.

Chauhan MK, **Sahoo PK**, Rawat AK, Kawadkar J, Kumar MS. Investigating Novel Liquid Crystalline Protransfersomal Gel as a Vehicle for Accentuated Transdermal Permeation and Pharmacokinetic Behavior of Lacidipine. Nanomedicine and Nanobiology, 2 (1), 2015:28-37

Conferences Attended:

International Conferences

Short Oral Presentation – FIP Academic Pharmacy., Title: “The Recent Advances in Pharmaceutical Education in India” (AS-O-001). World congress of Pharmacy and Pharmaceutical Sciences 2008, 68th International Congress of FIP with a Theme of Reengineering Pharmacy Practice in a Changing World, in Basel, Switzerland. 29TH – 4TH Sept 2008.

The Role of Pharmacist in Public Health – Poster – Quality Health Care Through CPS1-P-007

National Conferences

Scientific Oral Presentation – Development of Pharmaceutical Education in India and the leading role of Pharmacy Council of India (PCI), J-11: 56TH IPC Kolkata.

51st Indian Pharmaceutical Congress, 18TH – 20TH DEC 1999 - Pharmaceutical Management: A Growing Area.....: Paper No. 615.

5th APTI National convention. Role of Motivation and Learning in Teaching Technology. ETM-5, 2006.

50TH IPC and 17th FAPA Congress, Mumbai. P.K. Sahoo. Marketing in a Competitive Environment through Research and Development.

Participated in the International Symposium on “Recent Advances in Pharmacotherapy of Cardiovascular Diseases”, held on 16th December, 2009, at the Delhi Institute of Pharmaceutical Sciences and Research, New Delhi.

Three week academic staff orientation course for technical teachers financed by AICTE, dated 14.03.1996 to 03.04.1996 at Shri Jayadev College of Pharmaceutical Sciences, Naharkanta, Bhubaneswar.

48th IPC Pharmaceutical congress, Chennai (Madras) Dated 25th – 27th December 1996.

P.K. Sahoo Participated and Presented Paper at Association of Pharmaceutical Teachers of India, Third Annual National Convention ,Dated 7th and 8th March 1998 at Govt. College of Pharmacy Karad, Maharashtra.

Dr. P.K. Sahoo attended 3rd North Zone Conference of Indian Pharmacological Society at Delhi Institute of Pharmaceutical Sciences and Research, New Delhi on April 23rd,2005.

Dr. P.K. Sahoo attended international symposium on “Recent Advances in Cardiovascular Sciences, global conference on heart diseases” held at Delhi Institute of Pharmaceutical Sciences and Research,New Delhi Dated 14th – 15th Feb,2007.

Dr. P.K. Sahoo attended national seminar on “Prospects and Perspectives of Pharm. D Programme” held at Vinayaka Mission’s University College of Pharmacy Dated 14th – 15th July 2007.

Dr. P.K. Sahoo presented a paper at the International symposium on “Recent Advances in Pharmacotherapy of Cardiovascular Diseases” at Delhi Institute of Pharmaceutical Sciences and Research, New Delhi dated 16th December,2009.

10th CII Health Insurance Summit: 22nd September 2016: Hotel The Hyatt Regency, New Delhi

9th Medical Technology Conference: 2nd September 2016: Hotel ITC Maurya, Diplomatic Enclave, New Delhi

3rd Edition of Conference on Building World Class Manufacturing: 31 August 2016, Noida

2nd Health & Immunisation Conference: 30th June 2016: Hotel The Lalit New Delhi

CII, Southern Region, seminar on “India-China Growth Story”–Harnessing the emerging business potential on 24th June 2016 at Hotel Crowne Plaza, Chennai

CII CleanTech Summit 2016: 10 June 2016, Noida

CII Seminar on “Indian States - Working towards a Streamlined Services Ecosystem” at the GES 2016: 21 April 2016. Hall – 2 (F), 1st Floor, Main conference area, India Expo Mart, Greater Noida

CII Conference on Wellness “Global Wellness Industry- Witnessing a Change”: 22 April: India Expo Mart, Greater Noida

13th National Pharmaceutical Conclave : 19 April 2016,Hotel Le Meridien, New Delhi

CII Global SME Business Summit 2015, 7-8th December 2015, India Habitat Centre, New Delhi

CII Healthcare Conclave: 3rd September 2015: Hotel Shangri La, New Delhi

CII 3rd National NCD Summit 2015: 'Synergizing efforts in Diabetes Care at the Tertiary Level' 12th August 2015: India Habitat Centre, New Delhi

CII Health and Immunisation Conference: 30th June 2015 Oberoi, New Delhi

CII Health and Immunization Conference 2015: 30 June 2015, Hotel Oberoi, Mathura Road, New Delhi

Global Exhibition on Services: 23 – 25th April 2015, Pragati Maidan, New Delhi, India

CII Conference on Reverse Logistics 2015 "E- Commerce redefining product return policies in India" at Hotel Le Meridian, New Delhi on 13th March 2015.

India–U.S. Technology Summit & Knowledgexpo 2014: 18-22 November 2014, India Expo Mart, Greater Noida

SpecialSession with Professor Christina Paxson, President, Brown University 24th March 2014, IGSSS Building, Lodi Road, New Delhi

India-Japan Global Partnership Summit 2013:15-18 December 2013, India Expo Mart, Greater Noida

CII Global University-Industry Congress 2013: 7-8 November 2013, New Delhi

Regional workshop of AICTE-CII Survey for eastern region 2013: 21st June 2013 Bengal Engineering and Science University, Shibpur, Kolkata.

CII Global Higher Education Summit:8 November 2012, New Delhi

1st University-Industry Congress:14-15 November 2011, Hotel Lalit, New Delhi

CII conference on Vaccines: Hotel Hyatt New Delhi, on 10.11.16.

Quality improvement programs attended (QIP):

Dr. P.K. Sahoo participated in the AICTE sponsored quality improvement programme entitled "Quality assurance Methods & Strategies in New Drug Discovery" held at college of Pharmacy, Belgaum dated 14th to 28th Feb 2005 as participant teacher.

Dr. P.K. Sahoo participated in the 13th quality improvement programme entitled "Recent Advances in Pharmacology" held at Delhi Institute of Pharmaceutical Sciences and Research, New Delhi dated 21st to 25th Nov 2005 as co-coordinator.

Participated in the XIV Quality Improvement Programme entitled "Frontiers in Pharmaceutical Sciences" held at Delhi Institute of Pharmaceutical Sciences and Research, from 27th Feb to 3rd March 2006 as a co-coordinator.

Participated at the Quality Improvement Programme on “Pharmaceutical Regulatory Affairs and Quality Assurance – Challenges and Opportunities” from 20th to 31st March 2006, held at the College of Pharmacy, Belgaum by All India Council for Technical Education (New Delhi)

Dr. P.K. Sahoo participated in the AICTE sponsored quality improvement programme entitled “Standardization of Herbal Drugs” held at Bharati Vidyapeeth University, Poona College of Pharmacy, Pune dated 19th Nov to 1st Dec 2007 as participant teacher.

Dr. P.K. Sahoo participated in the AICTE sponsored quality improvement programme entitled “Clinical Pharmacy Research and Regulatory Affairs” held at Bharati Vidyapeeth University, Poona College of Pharmacy on 18th to 30th Jan 2010 .

Dr. P.K. Sahoo participated in the 15th quality improvement programme entitled “Recent Advances in Pharmaceutical Sciences” held at Delhi Institute of Pharmaceutical Sciences and Research, New Delhi dated 17th to 21st Oct. 2011 as speaker.

Dr. P.K. Sahoo participated in the 17th quality improvement programme entitled “Recent Developments in Pharmaceutics” held at Delhi Institute of Pharmaceutical Sciences and Research, New Delhi dated 23rd to 27th Feb. 2015 as coordinator.

Dr. P.K. Sahoo participated in the 18th quality improvement programme entitled “Recent Developments in Pharmacology and Therapeutics” held at Delhi Institute of Pharmaceutical Sciences and Research, New Delhi dated 20th Feb. to 5th Mar. 2015 as delegate.

Dr. P.K. Sahoo participated in the 19th quality improvement programme entitled “Recent Developments in Pharmaceutical Chemistry” held at Delhi Institute of Pharmaceutical Sciences and Research, New Delhi dated 9th to 20th Mar. 2015 as delegate.

AICTE Project Details:

48 AICTE projects in MODROBs, RPS granted to technical institutions was monitored during the period April 2011 to August 2011.

PG scholarship for approximately 5000 students was disbursed during April 2011 to August 2011.

Revision of AICTE syllabus for degree and polytechnic institutions in engineering and pharmacy in the year 2011.

Conducted CMAT examination in the year 2011.

Development of norms and standards for existing and new technical institutions for the session 2010-11, 2011-12, 2012-13.

PhD Thesis Examiner for:

Andhra University, Vishakapattanam

Jawahar Lal Nehru Technical University (JNTU), Hyderabad

Siksha 'o' Anusandhan University, Bhubaneswar

Berhampur university, berhampur

Biju Patanayak technical University, Rourkela

Shivaji University, Kolhapur

Expert member of various statutory bodies:

Visiting expert member of Pharmacy Council of India, New Delhi

All India Council of Technical Education of India, New Delhi

University Grants Commission, New Delhi

Association of Indian Universities, New Delhi

Academic council member of University of Delhi, Delhi

Member Secretary of eastern Regional committee of AICTE, Kolkata

Member Secretary of western Regional committee of AICTE, Mumbai

Member Secretary of northern Regional committee of AICTE, Kanpur

Member Secretary of south-west Regional committee of AICTE, Bengaluru

Member Secretary of central Regional committee of AICTE, Bhopal

EC member of Indian Pharmaceutical association.

President APTI Delhi state branch 2009-2012.

Governing Council Member of Technical Institutions:

Techno India college of Engineering, Kolkata

Orissa Engineering College, Bhubaneswar

Narayana Engineering College, Kanpur

Sardar Patel College of Engineering, Mumbai

Narsee Monjee College of Engineering, Mumbai

Principal, K M Kundnani college of pharmacy, Mumbai

K N Modi College of Pharmacy, Modi Nagar

Narayana Group of Institutions, Kanpur

Students Guided

- Post-graduate – 20 completed, 5 pursuing
- PhD Guided – 4 Completed, 2 Pursuing

Topics of PhD Students

- Rajiv Patric Das – Development and Evaluation of Topical Treatment for Psoriasis using Extracts of *Curcuma longa*, *Azadirachta Indica* and *Aloe barbadensis* using individualised Morphological Animal Model.
- Ashwani Singh Rawat – Provesicular approach for combination therapy
- Anil Kumar Sharma-Ocular delivery of Selected NSAID
- Satish Manchanda- Ocular delivery of Selected carbonic anhydrase inhibitor
- Sugandha Sethi*- Synthesis characterization and biological evaluation of incretin analogues for treatment of type 2 diabetes
- Roopsi*- Proteomic study of various tissues of atherosclerosis rat model

*To be submitted

Topics of Post-Graduate Students

- DHADWE AVINASH KISHANRAO – FORMULATION AND EVALUATION OF ORODISPERSIBLE TABLET OF CINNARIZINE.
- N. SWARNALATA – FORMULATION AND EVALUATION OF ORODISPERSIBLE TABLET OF BUCLIZINE HYDROCHLORIDE.
- PUNEET KUMAR – FORMULATION AND EVALUATION OF IN SITU OCULAR GEL OF DORZOLAMIDE.
- JAMUNADEVI V. – FORMULATION AND IN VITRO EVALUATION OF BILAYER TABLET OF CYCLOBENZAPRINE HCL ER AND DICLOFENAC POTASSIUM IR – A NOVEL FIXED DOSE COMBINATION.
- VIBHA – DEVELOPMENT AND VALIDATION OF RP-HPLC, UV-SPECTOPHOTOMETRIC AND HPTLC ASSAY METHOD FOR BROMHEXINE HCL IN TABLETS.
- MAHENDRA – PERFORMANCE ACCELERATING PARAMETER FOR PHARMACEUTICAL PRODUCT EXECUTIVE.
- SANDIPAN KUNDU - FORMULATION AND EVALUATION OF ORODISPERSIBLE TABLET OF TRANDOLAPRIL.
- RAJNI KAD - FORMULATION, DEVELOPMENT AND EVALUATION OF SUSTAINED RELEASE MATRIX TABLETS OF SIMVASTATIN.
- HARLEEN MAKAR - STUDIES ON ASYMMETRIC MEMBRANE CELLULOSE ACETATE CAPSULES AS OSMOTICALLY CONTROLLED DRUG DELIVERY SYSTEM.
 - A) EVALUATION OF POTASSIUM HYDROGEN TARTRATE AS A PORE FORMING AGENT IN COMBINATION WITH GLYCEROL.
 - B) ANALYSIS OF THE RELEASE PATTERN OF DRUGS WITH VARYING SOLUBILITY THROUGH THE CAPSULES
- RACHIT SINGHAL – FORMULATION AND OPTIMIZATION OF LORATADINE –SOLUPLUS SOLID DISPERSIONS USING FACTORIAL DESIGN

- SALVI BHATT FORMULATION AND CHARACTERIZATION OF FLURBIPROFEN –POLOXAMER 188 SOLID DISPERSION: A COMPARATIVE STUDY OF MELTING AND FREEZE DRYING METHOD
- AKANKSHA AGGARWAL- PREPARATION, CHARACTERIZATION AND EVALUATION OF INCLUSION COMPLEXES OF CEFPODOXIME PROXETIL WITH HUMIC ACID
- SHWETLATA SINGH-EMERGING BOOM OF MOBILE MEDICAL APPS IN MANAGEMNET OF PATIENTS WITH DIABETES
- JYOTI PAL- OPTIMIZING NATAMYCIN RELEASING INTRASTROMAL IMPLANT (NATAMATRIX) FOR EXTENDED RELEASE
- AARUSHI GUPTA- FORMULATION AND EVALUATION OF BIODEGRADBLE POLYMERIC NANOPARTICLES ENTRAPPING GENISTEIN
- HEMANT SINGH- TO STUDY ESSENTIALS TO LAUNCH HERBAL DRUGS IN INDIA, ITS REGULATION AND PRODUCT MIX DECISION
- SANYAM HANDA-TO STUDY THE MINDSET OF MEDICAL REPRESENTATIVES PERTAINING TO JOB SECURITY & JOB ROTATION
- IMRAN- TO STUDY THE FACTORS AFFECTING THE PRESCRIPTION PATTERN OF HCPs WITH RESPECT TO BRAND CHOICES (GENERIC V/S BRANDS)
- JUHI-TO STUDY THE IMPACT OF M.HEALTH (MOBILE HEALTH) ON CONSUMER
- AKMAL- A DETAILED STUDY ON SELECTED CHAIN OF PHARMACY STORE
- PRIYANKA- TO STUDY MARKET TRENDS IN BIOLOGICS IN EU AND US MARKET, REGULATORY ENVIRONMENT, PRICING AND REIMBURSEMENT POLICIES
- RITU- R& D TRENDS IN GLOBAL PHARMACEUTICAL INDUSTRY

In-charge of Various Functions assigned by the institute

- Purchase officer
- Admission officer
- Head , Department of Pharmacy,University of Delhi.
- Examination Superintendent,DIPSAR
- In charge QIP cell in 2004, 05, 06.
- Dean, Students Affair

Programmes Attended:

- Organising secretary for National Workshop (North Zone) on Developing Quality Monographs for Pharmacopoeia for Herbs and Herbal Products on 27th-28th Nov 2009.
- Computer Awareness Programme conducted by NICSI, Delhi on 9th Oct. to 6th Nov. 2000.
- Membership of professional bodies:
 1. Life member IPA

2. Life member APTI
3. Life member IPGA
4. Life member Indian Hospital Pharmacy Association
5. Life member ISTE
6. Life member Orissa Chemical Society.

Chairperson/Co-Chairperson in scientific events:

Co-chair in the scientific committee 68th Ipc Vishakhapatnam.

Co-Chair person at 55TH Indian Pharmaceutical Congress Association. Topic- Nanoparticle Technology – Supercritical Fluid Technology. Held at Chennai from 19th to 21st Dec 2003.

Co-Chair person at 60TH Indian Pharmaceutical Congress Association. New Delhi. 12th to 14th Dec 2008.

Chairperson in the IPSOR. Panel discussion on pharmacoeconomics. New Delhi. 2015.