

## CURRICULUM VITAE

**Jacky Dumbwani**  
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### OBJECTIVE

To utilize my knowledge and skills for the growth of an organization that can offer me challenges, and excellent opportunities in a growing concern.

### SNAPSHOT

- Ph.D. (pursuing)** from Oriental University, Indore
- Master of Pharmacy (Pharmacology, with distinction)** from COP, IPS Academy (R.G.P.V. University) Indore.
- Bachelor in Pharmacy from **SGSITS**, Indore.
- 14 years** of total academic **work experience** (After B. Pharm 2 year , after M. Pharm 12 year)
- 1 year of **industrial experience**
- Successfully faced some **audits, WHO Geneva, PCI, AICTE, and CCSEA etc.**
- A **research paper** has been published in Journal of Pharmacological and Toxicological methods, **Elsevier**.
- In vivo studies** using experimental animals
- Handling of **HPLC (Waters, Agilent, shimatzu) UV spectrophotometer and Dissolution apparatus, and bioassays** efficiently.

### ACADEMIC CREDENTIALS

Exam / Course	Year of Passing	School / Institute	Board /University	Percentage / Division
<b>M. Pharm (Pharmacology)</b>	2011	COP, IPS Academy, Indore (M.P.)	RGPV, Bhopal (M.P.)	<b>76.7% (First)</b>
<b>GATE</b>	2009	IIT, Roorkee	IIT, Roorkee	<b>89.06</b> (percentile)
<b>B. Pharm.</b>	2007	SGSITS, Indore(M.P.)	RGPV, Bhopal (M.P.)	<b>66.00% (First)</b>
<b>H.S.C</b>	2002	SGHSS Burhanpur, (M.P.)	M.P. Board	<b>85.50% (First)</b>
<b>S.S.C</b>	2000	SGHSS Burhanpur, (M.P.)	M.P. Board	<b>70.20 % (First)</b>
<b>MBA(Clinical research)</b>	2010	National Institute of Management	UDE (Distance)	<b>A Grade</b>

## EXPERIENCE

- (1) Working as a director at PCC, Indore from 2018 till date.
- (2) Worked as an Assistant Professor from Sep. 2016-Dec. 2018
- (3) Worked as an **assistant professor** in Smriti College of Pharmaceutical Education, Indore. From January 2013- Sep 2016
- (4) Worked as an **officer** for one year in **Quality Control** department of Mission Vivacare Ltd, at SEZ, Pithampur, Indore. From December 2011- December 2012.
- (5) Worked as a lecturer for two years, in Central India Institute of Pharmacy (Diploma), Indore from 2007 to 2009.

## ACADEMIC JOB RESPONSIBILITIES

**Teaching Pharmacology Subjects:** Taught pharmacology-I PY-405, pharmacology-II PY-505, pharmacology-III PY-605, and pharmacology-IV PY-705, conduction of pharmacological experiments on animals and on software under the practical subjects.

**Academic In-charge:** Monitored the daily conduction of theory and practical classes, preparation and maintenance of daily log books, job cards, and lecture summary and attendance details of all the semesters.

**Semester In charge:** Monitored the daily conduction of theory and practical classes, preparation and maintenance of daily log books, job cards, and lecture summary and attendance details of IV semester.

**In Charge, Animal House:** Monitored the daily maintenance of experimental animals, approved project works involving animal experimentation studies.

### **IAEC Member**

**In Charge, Main Store:** Monitoring of Chemical, Glassware and other material stock and develop coding system in main store.

### **Member, Research and Development Activities**

### **Member, Training and Placement Cell**

### **In Charge, Sessional Examination**

## JOB RESPONSIBILITIES PERFORMED AT INDUSTRY

**In Charge, Stability Department of QC:** Daily monitoring of **walking stability chamber**, Taking print outs of temperature and humidity control by **Enviro software**.

**Daily Work Allotment:** Allotment of work to chemist for sample analysis for monitoring the stability of drugs. Preparation of monthly planner for analysis of drugs.

**Drug Analysis:** Analysis of drugs was performed by **assay, related substances, dissolution, and LOD tests**.

**Instrument Handling:** Efficiently handled **HPLC (Waters with Empower 2 software, Agilent with Ezchrome software, and Shimatzu with Class VP Software, UV and Dissolution apparatus.**

## **INDUSTRY SPONSORED / COLLABORATIVE PROJECT WORKS**

Co - Supervised collaborative / sponsored **research works** in the following areas:

- (1) Evaluation of hair growth promoting potential of developed formulations, In collaboration with CavinKare Private Limited, Chennai.
- (2) Evaluation of vascular permeability activity of developed formulations sponsored by Marico Industries Private Limited, Mumbai.
- (3) Evaluation of hair growth promoting potential of developed formulations, In collaboration with Marico Industries Private Limited, Mumbai
- (4) Effects of developed oil blends on lipid profile, In collaboration with Marico Industries Private Limited, Mumbai
- (5) Organized various workshops related to HPLC, UV, Tablet punching.

## **COMPUTER SKILLS**

- Expert in conducting live and digital classes.
- Exposure to MS - Word, Excel & Power point, DOS, Internet accessibility.
- Work on, Graph pad, Ex-Pharm, and basic Softwares.
- Work on Ex- Pharm rabbit and dog to minimize the number of experimental animals used

## **OFFICIAL REGISTRATION**

- (1) Registered under The Madhya Pradesh Pharmacy Council as a '**Registered Pharmacist**' (17588) from 14/03/2008.
- (2) Life time member of association of pharmaceutical teachers of India (**APTI**), (Member ID: MP/LM-412).
- (3) Nominee CCSEA.

## **QIP / FACULTY DEVELOPMENT PROGRAMMES ATTENDED**

- (1) Attended AICTE sponsored Staff Development Program on “Drug Delivery System: Preformulation to Industrial Development” (3rd – 15<sup>th</sup> June, 2013) held in Bansal College of Pharmacy, Bhopal, Madhya Pradesh.
- (2) Appointed as an internal resource person for hands on training on HPLC.
- (3) Completed two days certified training program in “ Industrially Applied Training Programme on Sophisticated Instruments”.
- (4) And many more...

## RESEARCH PAPERS

- (1) A research paper has been published in **Journal of Pharmacological and Toxicological methods, Elsevier** under the title ‘standardization of an ex vivo method for determination of intestinal permeability of drugs using everted rat intestine apparatus’.
- (2) A research paper has been published in **Asian Journal of Pharmaceutical Analysis** under the title “Development of Rapid and Sensitive Reverse Phase High Performance Liquid Chromatography Method for Estimation of Ketorolac Tromethamine in Proniosomal Gel”.
- (3) A review article has been published in World Journal Pharmacy and Pharmaceutical Sciences under the title “Dengue the Breakbone fever: Pathophysiological and Pharmacotherapeutic Update”
- (4) A research paper has been published as conference paper in Inventi Rapid: Molecular Pharmacology Vol. 2014, Issue 4 under the title “Design and Optimization of a New Rat Exercise Screening Method to Perform the Weight Analysis and Anti-anxiety Effect of Drugs”

## PROFESSIONAL ENHANCEMENTS & EXTRA CURRICULAR ACTIVITIES

- Participated in various conference during and after Covid.
- Organized various workshops and conferences from 2016-2018 on HPLC, UV, Tablet punching etc.
- Participated in **Faculty Development Programme** sponsored by AICTE and organized by Bansal College of Pharmacy, Bhopal from 3-15 June 2013.
- Participated and presented a poster in the **International Herbal conference** held at Bangalore in February 2009.
- Participated in the **International Conference** on Pharmacology and Translational Research of Indian Pharmacological Society held at Hyderabad in December 2010.
- Presented a poster and secure **I position** under the title “Study of Various Activities of Drugs Using a Multipurpose Pharmacological Experimental Model: An Approach to Refinement of Experimental Animals” at Modern institute of pharmaceutical sciences and research.
- Successfully completed two days Industrial Applied Training Programme on “Sophisticated Instruments” Organized by B.R. Nahata College of Pharmacy Mandsaur, M.P. on April 11 and 12, 2014.

- Successfully organized a marathon **with IIM Indore** as Indore Marathon ‘Run against Rape and Discrimination, held on October 2<sup>nd</sup>, 2013.
- Attended a national seminar on “ Drug Discovery and Development: Traditional medicine and Ethanopharmacology Perspective”
- Attended a national seminar on “Reverse Pharmacology: The Time Tested Way to drug discovery and development” at SCOPE, Indore on August 22, 2014.
- Attended a national seminar on “Recent advances in Pharmacotherapy of Diabetes and Obesity” at SCOPE, Indore on October 14, 2014.
- Presented a poster entitled “Determination of permeability of drugs using a modified permeability apparatus” at a national conference organized by Modern Institute of Pharmaceutical Sciences, Indore on 21<sup>st</sup> and 22<sup>nd</sup> April 2014.
- Attended a national seminar on “Recent Frontiers in Drug Discovery Research” organized by RKDF Institute of Pharmaceutical Sciences, Indore on 27<sup>th</sup> September 2014.
- Attended a national seminar on “Cancer Research: Progress, Challenges and Opportunity” organized by Mahakal Institute of Pharmaceutical Studies, Ujjain on 27<sup>th</sup> March , 2015.
- Participated in the Indian Pharmaceutical Association, Pharma Meet-2015 , Organized by IPA M. P. state branch, Indore on 15<sup>th</sup> March, 2015.
- Participated in APTICON-2015 held at DAVV Auditorium, Takshashila Campus during 9<sup>th</sup> to 11<sup>th</sup> October 2015.
- Actively participated as a Member of Tours and Travels Committee in APTICON-2015 held at DAVV Auditorium, Takshashila Campus during 9<sup>th</sup> to 11<sup>th</sup> October 2015
- Guided 8 project works at undergraduate level.
- Participated in various sports activities at school and college level.

## **ACADEMIC PROJECT**

**Title of Project during M.Pharm:**

**Minor and Major project title:-**

“Design and Validation of a New Ex vivo Model to Determine the Permeability of Drugs.”

## **INDUSTRIAL TRAINING**

Underwent industrial training in Quality Control department at PIRAMAL HEALTHCARE, PITHAMPUR, Indore (M.P.).

## **INSTRUMENTS HANDLED**

- **HPLC (Waters alliance , Agilent, Shimatzu)**
- **UV and IR Spectrophotometer**
- **Dissolution apparatus**
- **Convulsometer, analgesiometer, actophotometer, bioassay set up and all basic instruments used in pharmacological experiments.**

## **PERSONAL DOSSIER**

Father's Name	:	Shri Mohan lal Dumbwani
Mother's Name	:	Smt. Rajkumari Dumbwani
Date of Birth	:	23/11/1984
Languages Known	:	Hindi, English, Sindhi
Permanent Address	:	304, Alakh Dham Nagar, Ujjain.

## **DECLARATION**

I hereby declare that the above information is true to the best of my knowledge.

Date: 13/05/2023

Place: Indore, (M.P.)

**(JACKY DUMBWANI)**