

CURRICULUM VITAE

Neha Avinash Patil.

M Pharmacy Pharmaceutics

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CAREER OBJECTIVE:

To develop myself as a professional in pharmaceutical sector and be a valuable asset for the organization.

ACADEMICS:

Qualification	Year of Passing	Institution	Board / University	Result
M Pharm Pharmaceutics	Pursuing	JSPM's Rajarshi Shahu College of Pharmacy and Research	Savitribai Phule Pune University	8.5 (upto 2 nd sem)
B. Pharm.	June-2015	JSPM's Rajarshi Shahu College of Pharmacy and Research	Savitribai Phule Pune University	71.93 Avg.
H.S.C.	March-2010	Nuthan Maratha College, Jalgaon	Nasik Board	60.17%
S.S.C.	March-2008	PNL Kanya Shala, Jalgaon.	Nasik Board	75.23%

AREA OF INTEREST:

Formulation Development: Solid Oral Dosage Forms,
Novel Drug Delivery System (NDDS),
Pharmacovigilance (Clinical trials), Marketing,
Regulatory Affairs.

- **ACHIEVEMENTS:** Was selected for Poster presentation at **University Of Pune BCUD AVISHKAR-2013 UNIVERSITY LEVEL RESEARCH PROJECT COMPETITION**. (poster titled 'Formulation and Development of Floating Matrix Tablet Using Natural Polymers as Release Retardant')

DISSERTATION:

TITLE: "Formulation and development of lawsone loaded microsponge gel for the treatment of vaginal candidiasis"

Description: Vaginal candidiasis is an majorly occurring infection in every women. The causes of this infection may vary in each women. Hence, to treat vaginal candidiasis, the microsponges were formulated by quasi emulsion method by using drug lawsone and polymer Eudragit RS 100. Lawsone (2-hydroxy-1, 4 naphthoquinone) is the principle component present in the *lawsonia inermis* (Henna) which shows antifungal activity specially on *Candida albicans*. The evaluation of antifungal activity of Lawsone was studied on *Candida albicans* by using Sabourd Dextrose Agar Media and will be compared with standard drug(clotrimazole). Further the microsponges will be incorporated into mucoadhesive gel for the ease of application. The gel will be evaluated for the Primary Vaginal Irritation on 18 White New Zealand Female Rabbits weighing 2.5-3 Kg and vaginal cavity will be observed for three days for any signs of possible irritation of the vaginal mucosa. The lawsone loaded microsponges is expected to show sustained release of Lawsone till 8 hr and the above formulation is expected to successfully prevent the growth of *Candida albicans*.

TECHNICAL SKILLS & EXPERTISE:

PHARMACEUTICAL INSTRUMENTS HANDELED:

- Proficient in handling instruments used for formulation development in the field of Novel drug delivery systems like Rotary evaporator, Probe sonicator, High Speed Homogenizer, Spray drier (Technosearch).
- Efficient in handling instruments used for tableting technology like Granulator, Single Punch Tablet machine, Rotary Tablet Machine, etc.
- Expertise in handling instruments used for characterization like Franz diffusion cell, Dissolution apparatus (Electrolabs).
- Knowledge of Analytical instruments handling like UV-Visible Spectrophotometer (SHIMADZU-1800, SYSTRONICS), Flame Spectrophotometer (MICROPROCESSOR), Abbe's Refractometer, IR spectrometer, Pfizer Hardness Tester, Roche friabilator.
- Knowledge of literature survey related software like, Mendeley, etc.

PRESENTATIONS AND PUBLICATIONS:

- Presented a poster titled 'Stroke Management' at **ADITYA BIRLA MEMORIAL HOSPITAL 'Stroke Awareness Campaign'**.
- Poster presentation at **University Of Pune BCUD AVISHKAR-2013 ZONAL LEVEL RESEARCH PROJECT COMPETITION**. (Poster titled '*Formulation and Development of Floating Matrix Tablet Using Natural Polymers as Release Retardant*'.)
- Poster presentation at **University Of Pune BCUD AVISHKAR-2013 UNIVERSITY LEVEL RESEARCH PROJECT COMPETITION**. (poster titled '*Formulation and Development of Floating Matrix Tablet Using Natural Polymers as Release Retardant*')
- Presented a poster at **University Of Pune BCUD AVISHKAR-2014 ZONAL LEVEL RESEARCH PROJECT COMPETITION**
- Presented a poster titled 'Pharmacist as a Healthcare Professional' at **The Indian Pharmaceutical Association 52nd NATIONAL PHARMACY WEEK -2013**.
- Presented a poster titled '*Formulation and Development of Floating Matrix Tablet Using Natural Polymers as Release Retardant*' at **PHARMEET 2014 -A National Conference on 'An Insight into the Pharma World)**.
- Poster presentation at **Sinhagad KARANDAK, BRAVURA-2014-A Pharma Tech Fest 'EUREKA'**
- Presented a poster titled '*Formulation Development of Herbal Tea Bags of Green tea Extract and its Permeability Enhancement*' **University Of Pune BCUD AVISHKAR-2016 ZONAL LEVEL RESEARCH PROJECT COMPETITION**.

OTHER ACTIVITIES:

- Participated in **Quiz Competition** at **PHARMEET 2014 -A National Conference on 'An Insight into the Pharma World**.
- Participated in **Academy of NIPER Aspirants State Level ANA Scholarship Examination 2014**, Pune.
- Actively participated in **National Pulse Polio Campaign** at Dehu Road, Pune.

- Attended seminar on “**Emerging trends, Challenges and Innovative approaches in Preclinical and clinical research**”

PERSONAL DETAILS:

Full name: Neha Avinash Patil.

Date of birth: 25/08/1993

Gender: Female

Languages known: English, Hindi, Marathi.

Marital status: Unmarried

REFERENCES:

Dr. Ashlesha P.Pandit

Assistant Professor

RSCOP&R, Pune

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DECLARATION:

I hereby declare that all the information provided by me in the following document is true to the best of my knowledge.

Date:

Place: PUNE

Neha Avinash Patil.