

Work and Future Plans

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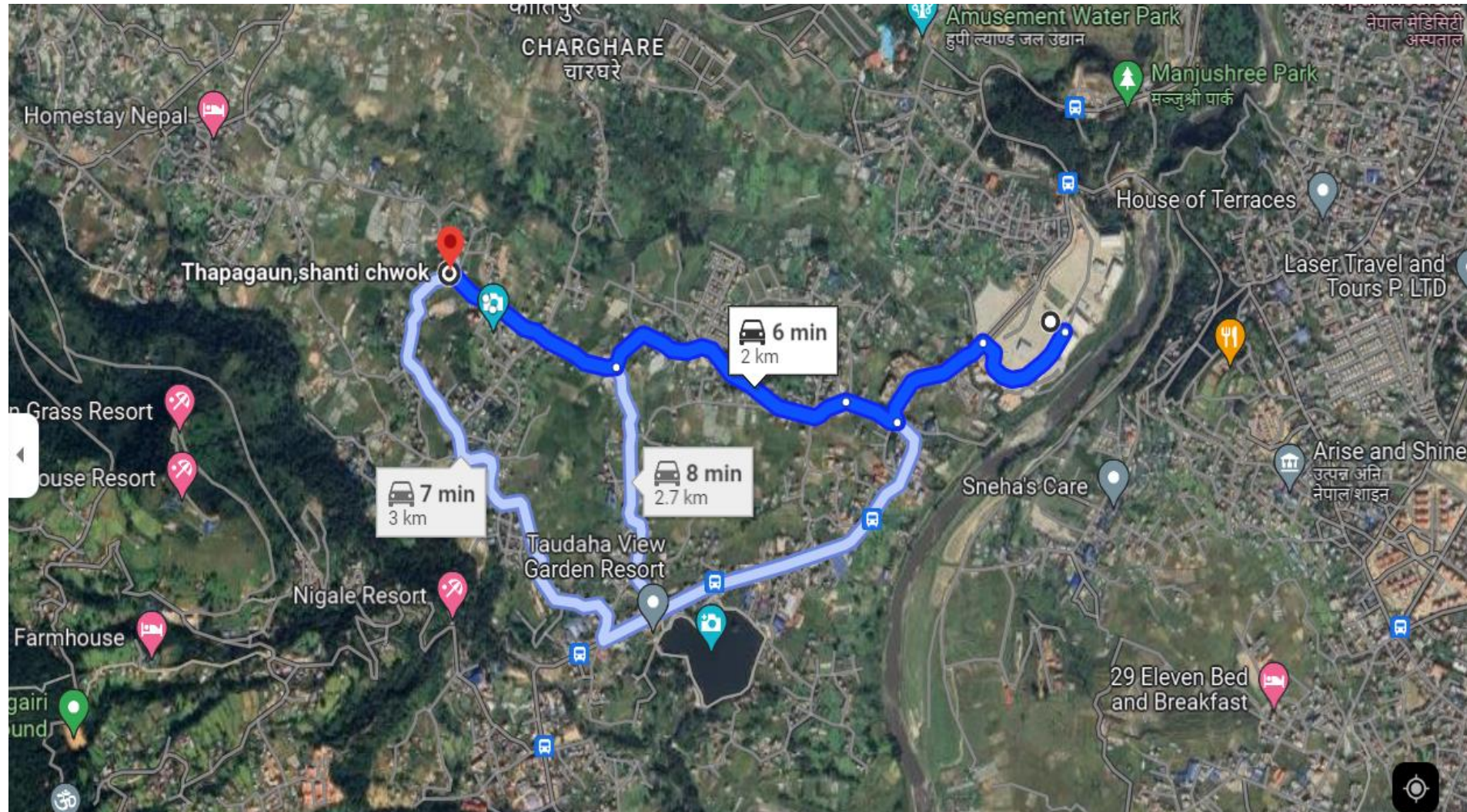
- Short introduction
- Present work
- Future plan

INTRODUCTION

PERMANENT ADDRESS

Municipality:Kirtipur
Ward no 6
Thapagaun
Province:Bagmati
District: Kathmandu

DoP joined on: 07 Sep 2000



Education



UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386

Vision

- To lead change for a healthier Nepal through novel pharmacy products and services

Mission

- Develop competent pharmacists graduates
- Promoting creativity and invention
- Nurturing Innovation through Business incubation Centre (KUBiC)
- Revising syllabus in align with local market demand and international requirement for employment and higher studies
- Adding new academic infrastructures

Present work

- Teaching & research
- Admin work as HoD
- Syllabus revision
- Model community pharmacy with GPP implementation
- Molecular pharmacy lab establishment
- Green extraction lab establishment

BPharm Syllabus & Domains of NCF

Pharmaceutics

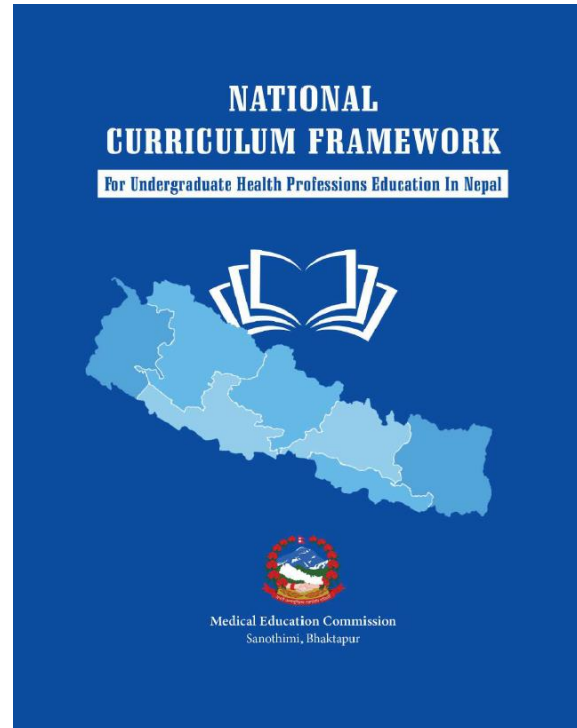
Pharmacy practice

Pharmacognosy

Jurisprudence

Basic sciences

Total credit: 130 - 150



Molecular Pharmacy

External Analysis of the context

• SWOT Analysis

S. No.	Strength	S. No.	weaknesses	S. no	Opportunities	S. no	Threats
1.	Good quality of academic staff.	1.	Limited research infrastructure	1.	Create new programs to increase department income	1.	Scarce and more competativef job for pharmacy graduates
2.	High quality training is integral part of the BPharm and PG program	2.	Limited courses related to clinical knowledge, skills and patient counselling	2.	Students graduating from BPharm program have the opportunity to continue higher studies in the department	2.	Too many pharmacy colleges
3.	Field visit and internship	3.	Limited courses related to pharmacy administration	3.	Improve study plan to be the best among all other competitors	3.	Problem in intake and entrance due to takeover by Medical Education Commission [MEC]
4.	Class coordinator (Faculty) is assigned to each batch student	4.	Needs improvement teaching/learning methods	4.	to maintain as a leader in university pharmaceutical education in Nepal		
5.	Biomedical and pharmaceutical sciences components of the BPharm program are adequately addressed	5.	Some lab. equipment needs upgrading				
6.	Use of online teaching resources (e-moodle) and google classrooms teaching pharmacy and drug information centre	6.	Lack of training courses for staff and faculty members				
7.	Diverse extracurricular activities	7.	Insufficient facilities of buildings,				
8.	Harmonious relationship among staff and students	8.	Four-years BPharm program is not enough for matriculation of the degree certificate in some overseas countries				
9.	Dedicated research labs and teaching labs	9.	Limited partnerships with pharmaceutical companies				
10	specialization labs for PG students	10.	Ineffective community engagement				
		11.	Lack of university community pharmacy				
		12.	Lack of quality research				

External Analysis of the context

- PESTLE Analysis:
 - ❖ Political
 - ❖ Economical: 4.5% (GDP)
 - ❖ Societal: 227,780 (NoC)
 - ❖ Technological
 - ❖ Legal
 - ❖ Environment

INITIATIVES TAKEN

- Maintain academic duration/calender
- Syllabus revision (Bpharm/MPharm)
- Model pharmacy established in the department implementing Good Pharmacy Practice (GPP).
- Pharmacokinetic (PK) lab initiated to determine Therapeutic Drug Monitoring (TDM) in plasma spiking drug in plasma.
- Analysis of drug using HPLC initiated for BPharm and PG students as this become basic tool for pharma industries
- Biowaiver project initiated using Convolution and Deconvolution
- Initiation for publication PG students should have manuscript in submission stage for final defense.

Where We will be in future?

- **Strategic Perspective**

To grow department as a first functional School of Pharmacy in Nepal with expansion through specialization programs.

Program expansion as per market need

- Existing specialization in PG:
 - MPharm (Industrial Pharmacy)
 - MPharm (Pharmaceutical care)
 - MPharm (Pharmaceutical Analysis)
 - MPharm (Pharmacognosy and Phytochemistry)
 - PharmD (Post Baccalaureate)
- In future:
 - MPharm (Pharmacology)
 - MPharm (Jurisprudential sciences)

CONCLUSION

- Competent pharmacists will be produced to meet local and global market need.
- department remains Leader in Pharmacy education in Nepal.

References

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THANK YOU