

Inaugural lecture programme: Academic and professional journey so far and way forward

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Academic and professional journey

- Native place



Elementary school

Journey continues further...

- Central Department of Chemistry (1997)- Organic Chemistry



- QA officer



- Teaching assistant



- Germany for higher studies

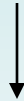


Higher education

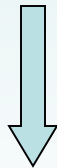
- Masters Thesis
- PhD
- Lab Assistant at Uni-Tuebingen

My scientific interest

Synthesis of new molecules



Drug? Drug delivery? Therapy? Imaging?-----



Field of **Biochemical science**



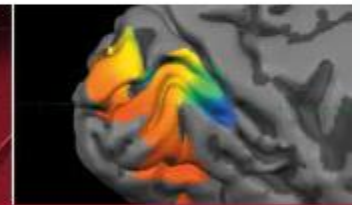
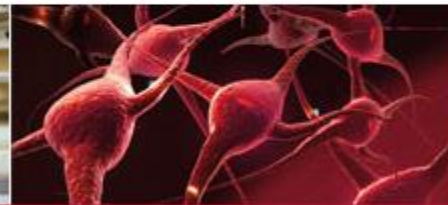
Research and teaching continues



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Returned back



Joined KU with new assignments

- Help colleagues to enhance academic degree (MPhil)
- More research activities in the unit
- Undergraduate chemical engineering study??

Activities at KU

- MPhil of all aspiring colleagues successful, PhD started & supervision ongoing
- Supervision of MPhil, MS, UNG research work
- Publication of research papers of the colleagues
- Lead chemical engineering department since inception (2015) to pass out of two batches (2021)



2015-2019 batch



2016-2020 batch

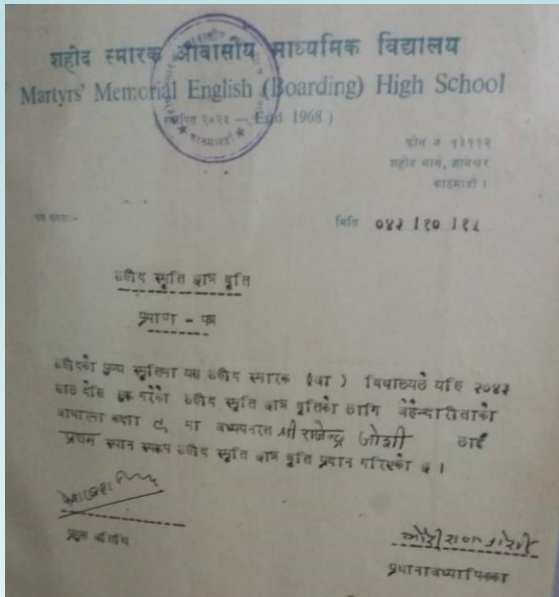
Expected outcomes (selected publications)

- Drug science: 18 papers
(J Pept Sci, ACS Chem Neuro Sci, Amino Acids, Biol Chem, Bioorg Med Chem Lett-)
- Environmental studies: 16 papers
(J Chem, Env Res Lett, J Env Chem Engg---)
- Pedagogy: 3 papers
(Int J Higher Edu---)
- Other: 4 papers
(Org Lett, Jordan J Chem)
- Recent publications: 20 papers
- Conference presentation and other research papers: Many

Research projects

BMBF (Germany), TWAS, UGC, NRF/ODA (Korea), IUCN, GIZ, SANH (UKRI).....

Unexpected but pleasant outcomes



Martyrs' Memorial Scholarship



Medal from Late King Birendra



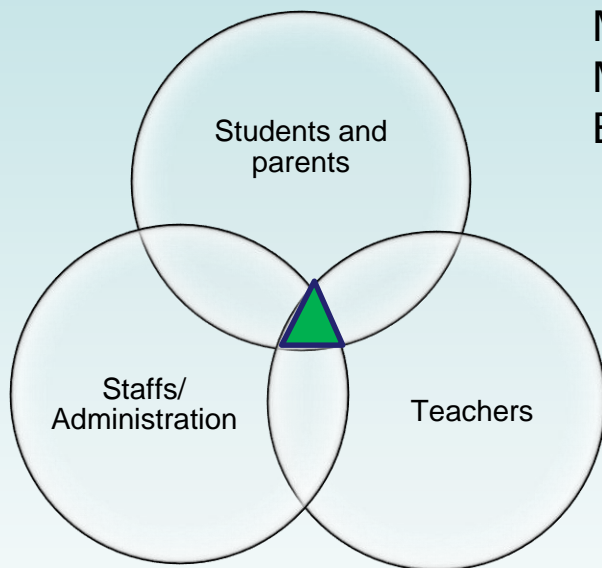
Mahendra Bidya Bhusan 'Ka'



World Academy of Science (TWAS) Award in Chemistry

Way forward

Research in drug design/environmental studies
Analytical in pharma company/chemical industries
Making chem engg program more attractive
MSc in chemical science/phytochemistry
BSc in PCM



Academic administration,
Labs set up and running,
Validation of lab results??

Motivation and support



Quality education for leadership

Continue...



Government/policy makers



Academia/knowledge

Prosperous Nepal



Industries



People/community

Conclusion

'heavy is the head that wears the crown'

Acknowledgements

Family members

KU administration

KU colleagues

Academic teachers

Professional seniors/juniors

Students

List goes on-----

Max Planck Society



DAAD

(Deutscher Akademischer Austauschdienst)

Thank you for your attention!