

Projects for Master students of Science & Arts Departments during March - June 2017



DBT-State Biotech Hub, Mizoram University, Aizawl, Mizoram

Sponsored by: **DBT, New Delhi**



The State Biotech Hub is the state of the art facility in Mizoram funded by Department of Biotechnology, New Delhi. The Objective of DBT, New Delhi to set-up the State Biotech Hub is to strengthen the capacity of Mizoram to undertake research in any branch of interdisciplinary Sciences and to promote education & research for development and transfer of knowledge systems.

The DBT- State Biotech Hub, Mizoram University is inviting II Year Master degree students from all Departments of MZU and affiliated research institutions within the state of Mizoram to submit project proposals. The following few potential project areas have been identified to be carried out under the **Studentship program of DBT- State Biotech Hub, Mizoram University**. The project proposal should be of 3 to 5 pages describing the background, aim and objective, methodology/work plan and expected outcome or relevance of the work and references. The last date of submission is **31 Jan., 2017**. The projects will be evaluated and selected projects/ investigators will be called for a discussion/presentation during **20- 25 Feb., 2017**. Short-listed Projects will have to commence from March and the student will be paid a fellowship of Rs. 5000 per month. The project will be evaluated on a monthly basis and will be continued or extended based on the progress.

The projects will be carried out in a collaborative manner with the faculty members of Dept. of Biotechnology using the equipment and consumable facilities of DBT state Biotech Hub, MZU. Project proposals can be sent by email to mua.bthub@nic.in

Potential Project areas for M.Sc Students

- Effect of pharmaceuticals and personal care products on microorganisms
- Tracing arsenic and lead contamination in foods grown in agricultural lands of Mizoram, Northeast India
- Phytotoxicity of common pharmaceuticals and personal care products on the germination and growth parameters of plants
- Cancer and persistent organic pollutants (including DDT): a systematic status review in Mizoram
- Cloud Biology- the composition of atmospheric microorganisms in Aizawl District, Mizoram
- Social Contacts and Mixing Patterns relevant to the spread of microorganisms in Aizawl District, Mizoram

Potential Project area for M.A students

- Knowledge and attitude towards AIDS and Cancer among students in Aizawl District, Mizoram

Apart from these mentioned projects, Master students belonging to Arts, Science and Humanities streams can develop their own research areas of interest and submit to the Coordinator by email before 31 Jan. 2017

Contacts:

Prof. N Senthil Kumar
Co-ordinator, DBT- State Biotech Hub, MZU.



Mr. Andrew Vanlallawma
JRF, DBT- State Biotech Hub, MZU
Mobile: 8794647992