

Umshyrpi River

A SEMINAR

ON

Infusing LIFE INTO UMSHYRPI RIVER

An initiative by Umshyrpi College



in collaboration with

The Rufford
Foundation
www.rufford.org
United Kingdom





111 YEARS OF EXISTENCE

PROGRAMME

- * Welcome song
- * Felicitation of Guests
- * Introductory Speech / Welcome Address
- * Key note address / Overview
- * Speech by Resource Persons
 - Naba Bhattacharjee
 - Wanshanbor R Kharkrang
 - Dr. Rekha M Shangpliang
 - Dr. Sonali Saha
- * Interactive session
- * Vote of thanks



Umshyrpi River

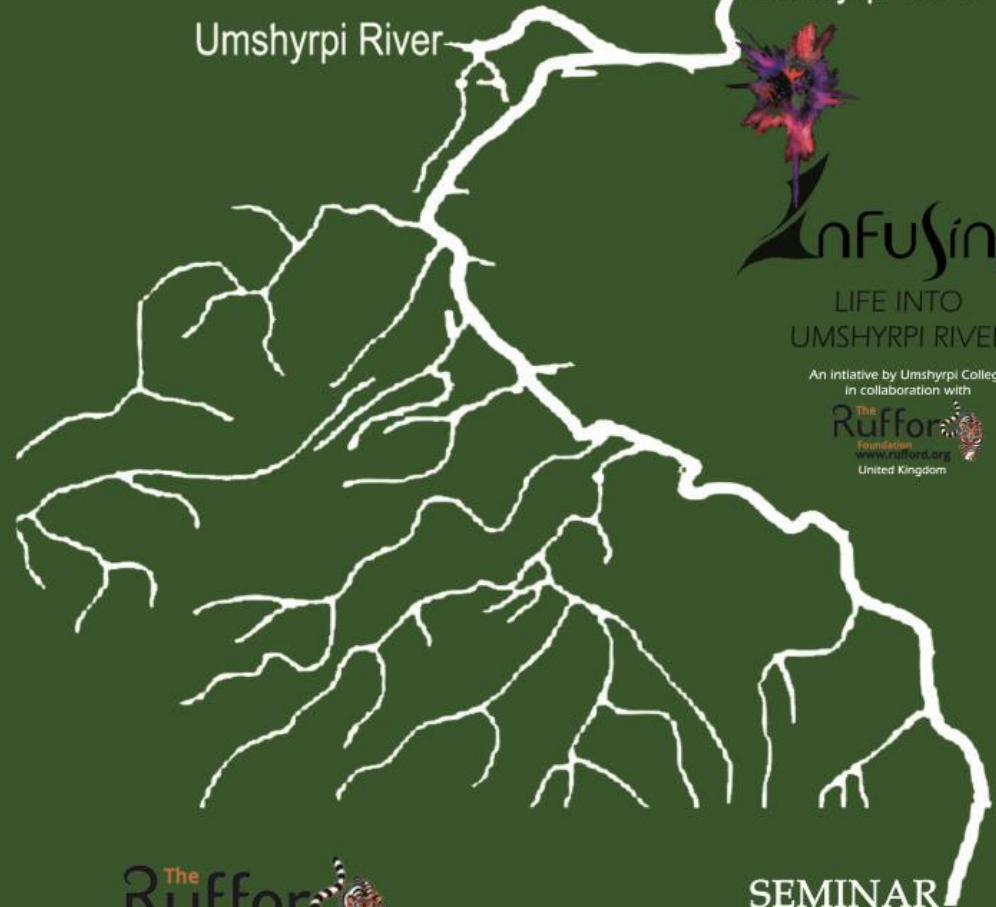
Umshyrpi River



InFuSion

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SEMINAR

Capacity building for water monitoring,
conservation of ecosystem, and
preservation of Umshyrpi River

As part of the Nelson Year Celebration, the Shillong Muslim Union and Umshyrpi College is organising a lecture by Dr Sonali Saha, an Ecologist from Miami, Florida, USA and an interactive session moderated by A. Zulfi, Managing Director, Grace City & Member Board of Management William Carey University.

EXCERPT

As an institution of higher learning we feel responsible to our immediate surroundings and environment. However, though considerable discussions have taken place regarding our forests and water resources we do not have sufficient knowledge and information of our rivers, forests, and the flora and fauna. There is hardly any standard documentation and monitoring of these natural resources.

We realize that in order to conserve and use these resources optimally we need to work towards capacity building and create a system to gather information, monitor, train people, and apply technology like Geographic Information Systems (GIS). The information and monitoring system we initiate will create a baseline for better planning and decisions regarding our resources. It will help create an international standard scientific manual for reference.

As such we plan to create a bio monitoring team from Umshirpi College which will engage in the process of biomonitoring and collection of data of our Umshirpi river. This team will be a part of the capacity building and ecosystem conservation in the North East India, a program in collaboration with Florida International University, Miami, USA and Rufford Foundation UK. Dr Sonali Saha and Dr Amartya Saha are also part of the organisation Water and Ecosystems, Miami, Florida USA.

Other non profit organizations like AITREE, Bangalore and FERAL, Pondicherry are part of this network.

RATIONALE:

Aquatic life is a good indicator of identifying water quality. The flow and variations in the river discharge affect the aquatic life of many species. Thus biomonitoring and data on river flow parameters will allow better understanding of the change in the aquatic life, the water quality and relationship with the entire ecosystem.

SOME OF THE OBJECTIVES :-

1. The training program will teach students and faculty members how to measure ecological parameters using standard international scientific methods.
2. Community based monitoring will be encouraged.
3. Higher Educational Institutions will become centres for training and mobilisation.
4. Training manuals in English, Hindi, Khasi and other regional languages will be created.
5. Application of technology in the monitoring processes.

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RESOURCE PERSONS



Dr. Sonali Saha, Miami, USA



Dr. Amartya Saha, Miami, USA



Dr. Rekha M Shangpliang,
Dept. of Sociology, NEHU



Naba Bhattacharjee, M.Sc. (Forestry),
S.F.S., A.I.F.C. Tea Technology (TRA),
Management Managing Consultant



Wanshanbor R Kharkrang,
Environmental Engineer

Grace City



Mr. A. Zulfi, MD

