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पूर्वोत्तर क्षेत्रीय जल और भूमि प्रबंधन संस्थान

NORTH EASTERN REGIONAL INSITITUTE OF WATER AND LAND MANAGEMENT जल संसाधन, नदी विकास और गंगा कायाकल्प विभाग, जल शक्ति मंत्रालय, भारत सरकार के अधीन एक संस्थान

An Institute under the Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, Govt. of India, Registered under Societies Registration Act, 1860

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NOTIFICATION

Tentative topics of dissertation for 3rd Semester and 4th Semester M.Tech. in Water Resource Management is given annexure-I, which will be conducted as per Academic Calendar of ASTU vide no. ASTU/ACAD/Calendar/ 550/6843 dated 11.08.2022 for the Session 2022-23. Topics will be finalized through presentation on synopsis, which will be notified later.

This is issued with the approval of Director, NERIWALM.

(A. K. Sharma) Deputy Director (Admin)

Copy to: -

- 1. PS to Director for kind information of Director, NERIWALM.
- 2. All concerned (Guide & Co-guide).
- 3. Institute website (www.neriwalm.gov.in)

Annexure-I

| SI No. | Name of the student | Tentative Project Topic /Subject area | Name of the Project | Guide from NERIWALM |
|--------|------------------------|---|----------------------|--|
| | | | Co-Guide | |
| 1 | Aradhana Hazarika | Assessment of soil erosion for periodization of micro | Ranjit Das, | Dr. Uzzal Mani Hazarika, Associate Professor |
| | | watershed | Scientist-SF, NESAC | & Dr. Luna Moni Das, Assistant Professor |
| 2 | Dimpul Sonowal | Rainfall-runoff modelling of Siang river basin in Arunachal Pradesh | Ranjit Das, | Dr. Pradip Kr. Bora, Director & |
| | | | Scientist-SF, NESAC | Dr. Luna Moni Das, Assistant Professor |
| 3 | Koustobh Ronveer Borah | Snowmelt-Runoff modelling of mountainous catchment | Ranjit Das, | Dr. Pradip Kr. Bora, Director & |
| | | (Lohit, Arunachal Pradesh) | Scientist-SF, NESAC | Dr. Victoria Devi, Assistant Professor |
| 4 | Jeniba Alam | Siltation study of Umiam reservoir using remote sensing | Ranjit Das, | Dr. Amulya Ch Debnath, Professor & |
| | | techniques | Scientist-SF, NESAC | Dr. Luna Moni Das, Assistant Professor |
| 5 | Himadri Baruah | Hydrological modelling using GIS & RS | Dr. Swapnali Barman, | Shri Ritu Thakur, Assistant Professor (co- |
| | | | Scientist-C, NIH | guide) & Dr. Sagarika Patowari, Assistant |
| | | | | Professor |
| 6 | Jyotirman Bordoloi | Hydrological modelling using SWAT analysis in Beki | Dr. Sanjoy Sarmah, | Shri Ritu Thakur, Assistant Professor (co- |
| | | river | Scientist-D, NIH | guide) & Dr. Sanayabi Hodam, Assistant |
| | | | | Professor |
| 7 | Nayana Borah | Hydrological modelling using GIS and RS | Dr. Rahul Singh, | Dr. Victoria Devi, Assistant Professor & |
| | | | Scientist-B, NIH | Dr. Sanayabi Hodam, Assistant Professor |
| 8 | Papori Das | A Study on Erosion Management through Geo-Bag | - | Dr. Uzzal Mani Hazarika, Associate Professor |
| | | around Majuli Island | | & Dr. Sanayabi Hodam, Assistant Professor |
| 9 | Priyanuj Saikia | Scope of modernization of Bordikorai Irrigation | - | Dr. Amulya Ch Debnath, Professor (WRE) & |
| | | Project, Assam for improving WUE. | | Dr. Victoria Devi, Assistant Professor |
| 10 | Rakesh Das | Improvement strategies of OFD works of Pahumara | | Dr. Uzzal Mani Hazarika, Associate Professor |
| | | Irrigation system, Assam | | & Dr. Sagarika Patowari, Assistant Professor |
| 11 | Swabina Yasmin | Scope of modernization of Pahumara Irrigation System, | | Dr. Uzzal Mani Hazarika, Associate Professor |
| | | Assam | | & Dr. Sagarika Patowari, Assistant Professor |

