



**GOVERNMENT OF WEST BENGAL**

Office of the Director

**River Research Institute West Bengal**

Irrigation & Waterways Directorate

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**CALL FOR NOMINATION**

Sub: Training programme on

**Course- I : “Reservoir Survey and Planning/ Reservoir Sedimentation Studies (3days)**

From September 4<sup>th</sup> to 6<sup>th</sup>, 2017

**&**

**Course-II : “River Hydrodynamic Modelling Using MIKE-11 (2days)”**

From September 7<sup>th</sup> & 8<sup>th</sup>, 2017

Freshwater is the liquid of life. Without it the planet would be a barren wasteland with no life on it. The supply of water is limited, but demand is rising rapidly as population grows and as water use per person increases. As local demand for water increases with respect to supply in many regions, the effective governance of available water resources will be the key to achieving water security, fairly allocating water resources and settling related disputes.

The reservoirs of West Bengal are located either along the western border of the State or beyond that i.e. within the territory of the adjacent State of Jharkhand. The reservoirs of Massanjore, Kansabati, and Hinglow which are under the control of West Bengal have lost their live storage capacity substantially due to siltation. The transit loss of water in addition to evaporation may be more than half. Damodar - Barakar river basin is a complex integrated multi-purpose water resources system with five dams at Maithon, Panchet, Tilaiya, Konar and Tenughat and a Barrage at Durgapur. The storage capacity of the system being inadequate, water could not be supplied at required reliabilities to various uses. Thus the need for augmentation of storage capacity in the Reservoir system and Dams have been suggested from time to time by different Expert Committees set up to study the problem of water resources management. Our State has predicted strong likelihood of water shortages in future and advised augmentation of storage capacity in the reservoir, Dams and River System.

Development of knowledge about River Hydrodynamic Modelling with reservoir catchment delineation using MIKE-11 to combat against different river basin such as Ghatal and Kandi Areas, district of west Midnapore and Murshidabad respectively of West Bengal and Reservoir problems may also required.

So, to make people aware about the problem, discussion, workshop, training programme are needed. To deliberate on these aspects and to provide a forum for exchanges of information and experiences, RRI is organising a five days training on above courses schedule to be held from 4<sup>th</sup> to 8<sup>th</sup> September, 2017 at the seminar hall of RRI, Mohanpur, Nadia.

Experienced Professors, professionals and Experts from Govt. of India, I&W Department West Bengal are being invited to take part in technical deliberations and lectures.

The nominations for participation may be sent by returning the filled in enrolment forms at the earliest.

Encl: 1. Details of programme. 2. Enrolment Form

Thanking you

Yours faithfully

Mr. A. Roy  
(Director)

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