

**GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI  
DEPARTMENT OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
CENTRAL WATER COMMISSION**



**PURPOSE ORIENTED TRAINING THROUGH DISTANCE LEARNING ON  
FLOOD FORECASTING AND MIKE MODELLING  
19-30 April 2021**

**Module/ Lecture Schedules ( Each 75 Minutes )**

Day	Module Details
<b>19/04/21 Monday</b>	(a) Overview of Flood Management in India and Introduction to Flood Forecasting & Warning (b) Assessment/Assignment through MCQ
<b>20/04/21 Tuesday</b>	(a) Flood Forecasting by Statistical methods (b) Hands on Training (c) Assessment/Assignment through MCQ
<b>21/04/21 Wednesday</b>	(a) Overview of Flood Modelling (b) Assessment/Assignment through MCQ
<b>22/04/21 Thursday</b>	(a) Introduction to GIS (b) Water shed Delineation using using ArcGIS DEM (c) Hands on Training (d) Assessment/Assignment through MCQ
<b>23/04/21 Friday</b>	(a) Hydro-Meteorological Data requirement for Flood Modelling (b) Hands on Training (c) Assessment/Assignment through MCQ
<b>24 &amp; 25/04/21</b>	<b>Saturday &amp; Sunday- Practising &amp; Reviewing by Trainees</b>
<b>26/04/21 Monday</b>	(a) Components of MIKE Model (b) Hands on Training (c) Assessment/Assignment through MCQ
<b>27/04/21 Tuesday</b>	(a) Development of 1 D model using MIKE 11 (b) Hands on Training (Contd..)
<b>28/04/21 Wednesday</b>	(a) Hands on Training (b) Assessment/Assignment through MCQ
<b>29/04/21 Thursday</b>	(a) Automation for flood Modelling & Flood Forecasting (b) Hands on Training (c) Assessment/Assignment through MCQ
<b>30/04/21 Friday</b>	(a) Preparation of Flood Forecast (FF) Bulletin & FF Appraisal Report and CWC's Flood Forecast Dissemination website (b) Assessment/Assignment through MCQ  <b>Distribution of Certificates</b>