

# CSIR-Central Institute of Mining and Fuel Research, Barwa Road, Dhanbad

## *Schedule for Skilled Training on Quality Monitoring of Water and Waste Water: Laboratory Analysis, Data Interpretation and Quality Assurance*

**09 – 16 July 2024, CSIR-CIMFR**

<b>Date</b>	<b>Timing</b>	<b>Resource Person</b>	<b>Designation</b>	<b>Tentative Lecture Topic</b>
<b>09.07.2024</b>	10.00 A.M. to 11.00 AM	<b>Inauguration</b>		
	11.00 A.M. to 11.30 A.M.	<b>High Tea</b>		
	11:30 A.M to 12.30 P.M.	Dr. Abhay Kumar Singh	Chief Scientist, CSIR-CIMFR	Water resources of India: Problems and Prospects
	1.00 P.M to 2.00 P.M.	<b>Lunch</b>		
	2:30 P.M. to 3:30 P.M.	Dr. G. C. Mondal	Sr. Principal Scientist, CSIR-CIMFR	Water quality parameters and its measurement
	3:30 P.M. to 4:30 P. M.	Dr. Sudarshan S. Rathore	Scientist, CSIR-CIMFR	Microbial contaminants in water resources
	4:30 P.M. to 4:45 P. M.	<b>Tea Break</b>		
4.45 P.M. to 5.45. P.M	Abhishek Pandey Bharat	AcSIR Research Scholar, CSIR-CIMFR	Qualitative assessment of coal mine water of Indian coalfields for community uses	
<b>10/07/2024</b>	10.00 A.M. to 11.00 AM	Prof. Anshumali	Professor, Department of Environmental Science and Engineering, IIT-ISM	Hydro-geochemistry of water resources and its controlling factors
	11.00 A.M. to 11.30 A.M.	<b>Tea Break</b>		
	11:30 A.M. to 12:30 P.M.	Dr. Pallabi Das	Sr. Scientist, CSIR-CIMFR	Waste Water Treatment Process
	1.00 P.M. to 2:00 A.M.	<b>Lunch</b>		
	2:30 P.M. to 3:30 P.M.	Dr. A. Sinhamahapatra	Sr. Scientist, CSIR-CIMFR	Waste Water Treatment Process
	3:30 P.M. to 4:30 P. M.	Dr. Pallabi Das	Sr. Scientist, CSIR-CIMFR	Laboratory demonstration on water treatment
	4:30 P.M. to 4:45 P.M.	<b>Tea Break</b>		
4:45 P.M. to 5:45 P. M.	Dr. A. Sinhamahapatra	Sr. Scientist, CSIR-CIMFR	Laboratory demonstration on water treatment	
<b>11.07.2024</b>	10:00 A.M. to 11.00 A.M.	Dr. Bhanu Pandey	Sr. Scientist, CSIR-CIMFR	Statistical analysis and its applications
	11.00 A.M. to 11.30 A.M.	<b>Tea Break</b>		
	11:30 A.M. to 12:30 P.M.	Soma Giri	Assistant Professor, CUSB, Gaya	Analytical techniques used for measurement of water quality parameters
	12:30 A.M. to 1:00 P.M.	Mukesh Mahato	Assistant Professor, Delhi University	Opportunities for Fellowship and other Jobs after Master Degree in Science
	1.00 A.M. to 2:00 P.M.	<b>Lunch</b>		
2:30 P.M. to 5:30 P.M.	Soma Giri Mukesh Mahato	Assistant Professor, CUSB, Gaya Assistant Professor, Delhi University	Interactive Session on Analytical Instruments for measurement of water quality parameters	

12/07/2024	10.00 A.M. to 11.00 A.M.	Dr. Srinivasas Pasupuleti	Associate Professor & Head, Civil Engineering Department Associate Professor, IIT-ISM	Remote Sensing and GIS Applications in Water Resources Management
	11.00 A.M. to 11.30 A.M.	<b>Tea Break</b>		
	11:30 A.M. to 12:30 P.M.	Dr. Abhay Kumar Bharati	Scientist, CSIR-CIMFR	Application of geophysical techniques for groundwater exploration and in mining industries
	1.00 A.M. to 2:00 P.M.	<b>Lunch</b>		
	2.30 A.M. to 3.30 A.M.	Dr. Siddharth Singh	Sr. Principal Scientist, CSIR-CIMFR	Wetland ecological significance of industrial uses
	3.30 A.M. to 5.30 A.M.	Dr. Sudarshan S. Rathore	Scientist, CSIR-CIMFR	Hands on Training in Microbiological Research Laboratory
<b>Saturday &amp; Sunday</b>				
15.07.2024	10.00 A.M. to 11.00 A.M.	Dr. Sudarshan S. Rathore	Scientist, CSIR-CIMFR	Hands on Training in Microbiological Research Laboratory
	11:00 A.M. to 1.00 P.M.	Dr. Mukul R. Mondal Ranjit Rangari Abhishek Pandey Bharat Mr. Promod Kumar	Sr. Technical Office, CSIR-CIMFR Technical Assistant, CSIR-CIMFR AcSIR Research Scholar, CSIR-CIMFR Consultant, CPCB, Dhanbad	Hands on Training for Analysis of Water Quality Parameters in Water Research Laboratory
	1.00 P.M. to 2:00 A.M.	<b>Lunch</b>		
	2.30 A.M. to 3.30 P. M.	Dr. Srija Jagadevan	Associate Professor, Department of Environmental Science and Engineering, IIT-ISM	Advancement in Water Treatment Process
	3.30 P.M. to 3.45 PM	<b>Tea Break</b>		
	3.45 A.M. to 5.45 A.M.	Dr. Mukul R. Mondal Ranjit Rangari Abhishek Pandey Bharat Mr. Promod Kumar	Sr. Technical Office, CSIR-CIMFR Technical Assistant, CSIR-CIMFR AcSIR Research Scholar, CSIR-CIMFR Consultant, CPCB, Dhanbad	Hands on Training for Analysis of Water Quality Parameters in Water Research Laboratory
<b>Saturday &amp; Sunday</b>				
16/07/2024	10.00 A.M. to 1.00 P.M.	Dr. Mukul R. Mondal Ranjit Rangari Abhishek Pandey Bharat	Sr. Technical Office, CSIR-CIMFR Technical Assistant, CSIR-CIMFR AcSIR Research Scholar, CSIR-CIMFR	Hands on Training for Analysis of Water Quality Parameters in Water Research Laboratory
	1.00 P.M. to 2:00 P.M.	<b>Lunch</b>		
	2.30 P.M. to 3.00 P.M.	Examination (MCQ)/Quiz related to Environmental Problems/Training Learning		
	3.00 P.M. to 3.45 P.M.	Interactive Session and Feed Back from Participants		
	3.45 P.M. to 4.00 P.M.	<b>Tea Break</b>		
	4:00 P.M. to 4.45 P.M.	<b>Valedictory Session</b>		