

IGHEM – 2010

Tutorial on Hydraulic Measurement of Hydroelectric Power Plants

Venue: AHEC Auditorium

Date: Oct 21, 2010

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Time duration	Subject	Faculty
9:00 – 9:30 AM	Layouts of small hydro power stations	Dr. Arun Kumar
9:30 – 10:30 AM	IEC-60041 and IEC-62006: Highlights	Prof. Thomas Staubli
10:30 – 11:15 AM	Measurement of pressure and levels for available head	Prof. B.K.Gandhi
Tea break 11:15 – 11:30 AM		
11:30 – 12:15 AM	Measurement of flow velocity and discharge	Prof. B.K.Gandhi
12:15 – 1:15 PM	Acoustic method of discharge measurement	Prof. Thomas Staubli
Lunch break 1:15 – 2:15 PM		
2:15 – 3:15 PM	Measurement of power plant output and efficiency calculations	Prof. H.K.Verma
3:15 – 3:45 PM	Estimation of uncertainty in measurements	Prof. B.K.Gandhi
Tea break 3:45 – 4:00 PM		
4:00 – 5:00 PM	Tutorial on efficiency calculation and uncertainties assessment	Prof. H.K.Verma/ Prof. B.K.Gandhi
5:00 – 5:30 AM	Hands-on experience on hydraulic measurements	Prof. H.K.Verma/ Prof. B.K.Gandhi