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South Asia Regional Initiative for Energy (SARI/Energy)

**SARI / Energy**

**Short Term Course on Coal Preparation  
by Central Institute of Mining & Fuel Research**

**July 27 - Aug 1, 2009  
Dhanbad, Jharkhand, India**



**Short term course on Coal Preparation**

<b>Date</b>	<b>Lecture No.</b>	<b>Topic</b>
<b>26<sup>th</sup> July</b>		<b>Reception Dinner at the Campus of CIMFR, Dhanbad.</b>
<b>27<sup>th</sup> July</b>	Session I	An Introduction to Coal Preparation
	Session II	Sampling of Coal for F & S tests
	Session III	Characterization
	Session IV	Size Reduction and Sizing in Coal Preparation
<b>28<sup>th</sup> July</b>	Session V	Washability Fundamentals ( F & S tests)
	Session VI	Standard Washability Curves
	Session VII	The middlings curve and interpretation of washability data
	Session VIII	Coal beneficiation processes
<b>29<sup>th</sup> July</b>	Session IX	Beneficiation of Power Coal
	Session X	Tromp Curve & Interpretation
	Session XI	Prediction of practical yield based on washability data
	Session XII	Development of Flow Sheet for beneficiation of coal
<b>30<sup>th</sup> July</b>	<b>SITE VISIT I</b>	Visit to Pilot Plant
	Session XIII	Pilot plant investigations on the cleaning potentialities of Power Coal
	Session XIV	Performance evaluation and guarantee tests for coal washeries
	Session XV	Quality Monitoring of imported & indigenous coals
<b>31<sup>st</sup> July</b>	Session XVI	Basics of pulverized Coal Combustion
	Session XVII	Effect of Coal Quality Parameters on Combustion efficiency and emissions
	Session XVIII	Combustion of Coal Blends
	Session XIX	Effect of Mineral Matter on PC Combustion – reactivity, slagging/fouling, erosion
<b>1<sup>st</sup> Aug</b>	<b>SITE VISIT II</b>	Visit to Commercial Coal Preparation Plants
		<b>Valedictory Function at the Campus of CIMFR, Dhanbad</b>