

VR & 360-degree 3D Modules:

| S. No | System | Process |
|-------|---------------------------------------------------------------------------------|---------------------------------------------------------|
| 1 | Milling system, Raw Coal Feeder and Pulveriser, Coal Burners | Line-up & Startup & S/D procedure |
| 2 | Oil Burners | Line-up Safety, Startup & S/D procedure |
| 3 | Air Preheaters | Line-up, startup & SD, other monitoring aspects |
| 4 | SCAPH | Documentary |
| 5 | Electrostatic Precipitator | Monitoring & Isolation, Normalisation |
| 6 | Economizer | Documentary |
| 7 | Flue gas System | Line-up, path, further detailing |
| 8 | Reheater and Spray System | Line-up, Isolation & Normalisation |
| 9 | Superheater and Spray System | Line-up, Isolation & Normalisation |
| 10 | Desulphurization System (FGD) | FGD- Working Model, Line-up, Startup & S/D |
| 11 | Separator & Drain Collection Vessel (CBD/IBD) | Line up & operation |
| 12 | Boiler Safety Valves and ERV | Line up & operation |
| 13 | Aux. PRDS System. | Line-up, Isolation & Normalisation |
| 14 | Startup Recirculation & Drain System | Line up |
| 15 | Soot Blowing System | Line-up, purpose, sequential startup & safety Aspect. |
| 16 | Fuel Oil System | Monitoring, safety aspects, line-up, startup & shutdown |
| 17 | NOx Control System | Operation |
| 18 | Furnace Draft Control System | loop fundamentals (UCR) |
| 19 | Boiler Drainage and Vent System | Line-up & Operation principle |
| 20 | Boiler Preservation | Documentary, line-up & method & carving |
| 21 | Steam Turbine Auxiliary Systems Including Quick Closing (FCNRV) And normal NRVs | Line up |
| 22 | Lubricating Oil System and Its Purification System (Centrifuge) | Line-up Startup & S/D |
| 23 | Control Fluid and Its Purification System | Line-up Startup & S/D |
| 24 | Governing And Protection System | Documentary, Line-up |
| 25 | Turbine Drainage System | Line-up Startup & S/D |
| 26 | Condensate System including Condensate Extraction Pumps. | Documentary, Line-up |
| 27 | Condenser Air Evacuation System and Condenser on Load Tube Cleaning System | Documentary, Line-up |

| | | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 28 | Turbine Preservation System | Documentary, Line-up |
| 29 | Drip System including Drip Pump. | Line up |
| 30 | Deaerator and Feed Storage Tank | Documentary, Line-up |
| 31 | Boiler Feed Pumps System | Line-up Startup & S/D |
| 32 | Feed Regulating Station | Line-up, Changeover procedure |
| 33 | Gland Sealing System including Gland Steam Condenser (GSC) and associated System. | Philosophy, Line-up Operation & control aspects |
| 34 | Exhaust Hood Spray Cooling System | Philosophy, Line-up Operation |
| 35 | Generator Cooling System | Philosophy |
| 36 | Generator Sealing System | Philosophy, Line-up |
| 37 | Generator Excitation System | Philosophy |
| 38 | Wagon coupling and uncoupling & Coal Unloading System (Track hopper and wagon Tippler) | Line-up, Operation |
| 39 | Coal Conveying System including Crusher house & Cleaning of crusher | Line-up, Operation |
| 40 | Coal stacking and Reclaiming System | Philosophy |
| 41 | Bottom Ash System | Line-up & operation |
| 42 | Fly Ash System | Line-up & operation |
| 43 | Operation of lift, hoist and overhead cranes | Operation |
| 44 | Fire Fighting -DV charging | Line-up, Operation |
| 45 | control methodologies (Level, pressure, temperature, flow) | Documentary |
| 46 | Movement of Dumpers | Operations of Safe Loading, hauling and unloading at Dumping location and safe return with empty load |
| 47 | Traffic rules/Transport rules framed for mine (including right of way) | Documentary |
| 48 | PTW system in Electrical Installations (including Electrical shutdown, maintenance, earthing, lightning arrestor, shifting, electrical fires, etc) | Operations |
| 49 | Blasting Operation including storage and transportation of explosives | Line up & operation |
| 50 | Drilling operation | Line up & operation |
| 51 | CHP O&M | Specific system |
| 52 | Supervision in mines | Documentary |