

## **Centre for Infrastructure Development Management**

Centre for Power Sector Development (CPSD) was commissioned in January-2007 (by YASHADA Policy Circular No. PPI-PC/2006-04 dated 23/01/2007) to facilitate training, research & policy interventions in Power Sector at the State & National level with Government, PSUs, Private Sector & Stakeholders. CPSD has undertaken Capacity building & Training Programmes for State Power Utilities, especially for speeding up Power Sector Reforms. The Centre was renamed in February 2010 as Centre for Infrastructure Development Management (CIDM) to accommodate other area of infrastructure.

### **Functional Areas**

- ❑ Management Development Programme (MDP) : For Middle & Senior level Engineers of power companies of Maharashtra and other States. (Sponsored Programmes)
- ❑ Project Management Programme (PMP) for the above officers. (Sponsored Programmes)
- ❑ Induction Level Programme for JEs of Electricity Transmission Companies. (Sponsored Programmes)
- ❑ Distribution Reforms & Upgrades Management (DRUM) – Programme for Engineers of Electricity Transmission Companies and other Power Utilities in the Country (Partly sponsored by PFC & partly by Power Utilities).
- ❑ “Protection Systems & Testing” Programme for the junior & middle level engineers of Electricity Transmission Companies.
- ❑ Finance & Accounts for Electricity Transmission Companies Sr. Officers.
- ❑ MDP for Government Corporations, Public Undertakings, Directorates and Commissionerates.

### **Faculty :**

CIDM has a core faculty of senior executives from power sector and industrial sector. Apart from this, CIDM invites guest faculty having expertise in specific technical/ soft skill topics from public and private sectors for engaging lectures, giving practical demonstrations.

In-house faculty from other centers in YASHADA, viz. Centre for Disaster Management, RTI Cell etc. are also invited for interaction with participants on relevant topics.

## **Management Development Programme (MDP) :**

CIDM launched this training Programme in the Year 2007 with an objective to develop management acumen in senior technocrats handling the three power sector companies in the State. The trainee Officers are also given case studies on management problems and are asked to make presentations. The MDP are now extended to other organizations like MSRDC, BEST, MIDC etc.

CIDM has conducted 4 Programs of MDP (3 days duration) based on Right to Information for Senior officers of MSETCL during the year 2014-15. With this, CIDM has conducted in all 90 programs in MDP since inception in 2007 and trained in all 1927 senior managers/officers/employees of power sector and other field.

Several topics in the field of Management and Law have been covered in this course which has greatly benefited the participants. Team building, Personality Development, Stress Management, Communication skills and Material Management were the general topics covered. Specific training in Financial Management, Present Power Sector Scenario and the proposed reforms in the Electricity Act, Labour Laws, Enterprize Resource Planning, Disciplinary proceedings and Project Management was also imparted. In addition, Computer training with emphasis on Power point presentation was given. The participants were given topics relevant to development of Managerial skills and were asked to make a power point presentation on the same.

The sessions on case study and group discussion brought out the participants' skills on logical reasoning and reasonable analysis which enabled them to identify the problem and to find solutions thereto.

Yoga was made compulsory which has benefited the participants to maintain their health and to keep them mentally active.

Experienced faculty in each subject were invited. The Chief Administrative Officer of the particular Company invariably attended the programme to deliver a lecture on the vision of the Company which was very encouraging and gave a great impetus to learning process.

The MDP has been highly acclaimed by each Company and is a very popular training program.

**Project Management Program (PMP):**

At present, entire country is geared up, to enhance power generation capacity, given the considerable gap between demand and supply of power. The new additions in generation have to be backed up by expansion of transmission network. This has given an unprecedented boost to project execution in power sector. The training provided by CIDM is instrumental in the Reforms process.

**Distribution Reforms, Upgrades and Management (DRUM)**

The Ministry of Power, GOI and USAID / INDIA have jointly designed this training programme with the purpose of demonstrating the best commercial and technological practices that improves the quality and reliability of power distribution in the country. The Programme is in consonance with the GOI's Policy on Power Sector Reforms, Electricity Act-2003 and the Accelerated Power Development Reform Programme (APDRP).

CIDM has been conducting training courses under the DRUM Project on following three modules:-

- ❑ Best Practices in Distribution Loss Reduction
- ❑ Best Practices in Distribution Systems (O&M)
- ❑ Distribution Efficiency & Demand Side Management

The first two courses are of 5 days' duration & Third course is of 3 days' duration.

The modules of the courses are as per the design of Core, PFC & USAID. The courses are conducted strictly as per the guidelines & as per design of the course content specified in the modules.

## **Induction Level Training Program :**

CIDM launched this programme in January-2007 for training the new entrant Junior Engineers of Electricity Transmission Companies. The need to take up this course was expressed by M.D. of MSETCL.

The course comprises more than 100 classroom & field sessions on various technical topics covered in the syllabus which is prepared jointly by MSETCL and YASHADA and ratified by the Central Electricity Authority. The classroom sessions also include soft skill topics such as Attitudinal Change and Behaviour, Time Management, Motivation and Team Building, Communication Skill, etc. Special Sessions on Disaster Management, Right to Information Act and First Aid.

In addition to the above, every batch of trainees was taken for field visits to vital installations related to EHV Transmission such as 400 KV receiving Stations, Load Dispatch Centre, Kalwa, 500 KV HVDC Terminal at Padghe, Power Transformer manufacturing and repairing plant, manufacturing plant of EHV grade Circuit Breakers, Current Transformers, Lightning Arresters, etc. This gives a special insight to the fresh engineers into the working, design, manufacturing and maintenance of these vital equipment.

For conducting the classroom sessions and field demonstrations, expert faculty in the field of power sector either from MSEDCL / MSETCL and/or from private industries were invited. In all 31 courses have been conducted and 1164 participants were trained at YASHADA. Center for Infrastructure Development Management (CIDM), YASHADA can assign expert faculty for each topic. The Modules designed are the standard modules prepared by the CIDM. They can be suitably modified or altered to meet training requirements as per Organizational needs. The Organization may either pick up any module directly, or go in for a customized version to get their personnel trained at YASHADA.