



# INFORMATION TECHNOLOGY

**ANNUAL REPORT 2018-19**



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With diversification of the ICT landscape and Digital India initiative, it has become absolutely imperative for the Government to bring in qualitative and quantitative transformations in wake of changing user expectations. In the year 2018-19, Ministry of Coal, along with NIC has strived hard and taken lead towards standardization and improvement in IT working environment and service delivery.

- NIC COAL Computer Centre in Ministry of Coal is well equipped with latest computer systems for delivering and implementing secure multi-platform computer based applications/solutions, database support, Internet, Email, network and video conferencing facilities. Ministry of Coal has adopted **Cloud services** of NIC – Meghraj to ensure optimum utilization of the infrastructure and speed up the development and deployment of e-Governance applications of Ministry of Coal.
- The official website of Ministry of Coal – <http://coal.gov.in> is bilingual, user-friendly and provides an easy navigation and quick access to important and latest up-to-date information. A clutter-free responsive design helps the end user to access the site on all handheld devices. The site provides rich updated content such as details of senior officers, organizational setup of the Ministry, subordinate offices links, policies, annual reports, publications, acts, rules, notifications, policies, RTI disclosures, latest announcements and letters. The website is GIGW compliant and certified by STQC. The website of Ministry is in process of migration into new platform under CMF (Common Management Framework) developed by NIC using open source technology. This framework facilitates standardization and improvement in presentation and content delivery of website. This framework enables static websites to migrate to dynamic portals and a set of functional features, along with embedded modules will automatically become available to the websites of Ministries/Departments on adoption of CMF.

Besides, a website for Minister's office – <http://ujwalbharat.gov.in> is hosted and maintained by Ministry. The site highlights the

initiatives and achievements of Ministry of Coal and Railways looked after by office of Hon'ble Minister.

As the shared hosting is stopped this year these websites have been shifted to the cloud environment. SSL certificate installed on the server to make a secure session with browsers.

- **Coal Projects Monitoring Portal** has been successfully implemented in the Ministry. This comprehensive MIS links all stake holders of Coal sector – Industry, Coal Companies, CIL, NLC, State Governments, Ministries/ Departments and Ministry of Coal. Coal Projects with their pending issues with various States and / or departments are submitted into the system. These issues are closely monitored, discussed and resolved on this platform thereby eliminating cumulative information seeking and decision making delays.
- **E-File** is fully functional in Ministry of Coal. There is no physical file or physical movement of file in the Ministry now. Digital Signature Certificates (DSC) are also being used to sign and issue official letters. Coal **e-Office modules – e-Leave, eTour, KMS** are operational in the Ministry to support e-governance by ushering in more effective and transparent inter and intra-government processes VPN support for senior officials has been extended for non NICNET nodes / laptops to ensure nonstop working in e-Office Platform. NIC email facility has been provided to all the officials in the Ministry to access the system and necessary operational training is being provided from time to time.

The Ministry of Coal was awarded from DARPG for commendable work done in implementation of e-office in the Ministry.

- NIC is in process to develop a web portal of Star rating of Coal Mines to implement a system of self-evaluation of Coal Mines and subsequent validation by Coal Controller's Organization of all Coal Mines under various factors covered broadly in seven modules as follows - (a) Mining Operations related parameters (b) Environment related