

ମହାନଦୀ କୋଲଫିଲ୍ଡସ ଲିମିଟେଡ

महानदी कोलफील्ड्स लिमिटेड

Mahanadi Coalfields Limited

(A Mini Ratna CPSE of Govt. of India & a Subsidiary of CIL)



MCL

Office of the
Technical Secretary to CMD

Ph: +91(663) 2542750

Fax: +91(663) 2542794

e-mail: ts-cmd.mcl@coalindia.in,

tscmdmcl@gmail.com

Ref: MCL/SBP/HQ/TS/2019/୫୫୫.

Date: 15/10/2019

Approval Order

CMD, MCL has been pleased to approve the creation of an “**Innovation Cell**” in MCL.

This Cell will function under TS to CMD, MCL HQ.

This Cell will take up innovative initiatives for eco-friendly, sustainable and smart mining in MCL at par with the world’s best practices.

This Cell will get the solutions of the problems being faced by MCL by inviting innovative ideas from all the stakeholders and will also reward some of the best ideas. Ideas will be invited on a separate web portal linked with MCL’s website.

Use of digital platform, superior and effective methods of dust suppression & firefighting like Fog Cannons, robotic nozzle, artificial rain generation, mechanical gathering type road sweepers, innovative technologies for blast-less OBR, innovative methods of coal handling like Train Loading System and Truck Loading System, innovative technologies for evacuation of wet & dry slush material from railway siding/choked drains, etc., use of digital elevation modeling (DEM) for 3D model of land reclamation including preparation of estimate and BOQ, aerial survey & surveillance for real-time consultation and monitoring, innovative technologies for recharge of water table from mine sump water, innovative & cost effective treatment of mine water, rain water harvesting methods applicable in mining industry, hybrid power generation in abandoned mine quarry and so on.

S. Jha 15/10/2019
(Dr. Shambhu Jha)
TS to CMD

Distribution:

All FDs’ MCL.

All Area GMs, MCL

All GMs/HoDs, MCL HQ

GM (Systems), MCL – for uploading in MCL’s website.