HOW TO SEND NOMINATION
Please send the names of your nominees with their designations and addresses to the Course Coordinator before 10.07.2015.

ACCOMMODATION
Accommodation in the campus is considered convenient and can be booked at the Technology Guest House of IIT Kharagpur, on prior request.

COURSE FEE
A course fee of Rs. 25,000.00 per participant for the course inclusive of course material by demand draft in favor of “CEP-STC, IIT-KHARAGPUR” payable at Kharagpur or by electronic money transfer to “CEP STC IIT Kharagpur” to the account number 95562200029955 of Syndicate Bank at Branch SRIC IIT Kharagpur (IFSC Code SYNB0009556). The course fee will not be refunded unless the nomination is withdrawn 3 weeks prior to course-commencement. The course fee does not include boarding and lodging charges. IIT Kharagpur is exempted from Income Tax and while sending the course fee no Tax should be deducted.

Companies sending more than 4 participants will avail the following reduced fee:
* For 4 participants: Rs. 95,000.00 (Excluding boarding and lodging)
* More than four participants: Rs. 22,500.00 for every additional participant (excluding boarding and lodging)
* The above fee does not include the Service Tax that will have to be paid by the sponsors as per GOI rule

MINING ENGINEERING
DEPARTMENT, IIT KHARAGPUR

Set up in the year of 1956, this Department has steadily grown as one of the best mining education centre in the country. Besides offering undergraduate, postgraduate and doctoral courses in Mining Engineering, it is actively involved in short term courses and research activities in the areas of Mining Machinery, Mine Safety and Reliability, Mine Fire and Explosions, Model Studies in Ventilation, Rock Mechanics and Ground Controls, Numerical Analysis of Mine Structures, Underground and Surface Environment, Geometrics and Remote Sensing, Mine Closure Planning and relevant computer applications. Short-term courses, consultancy, sponsored research and postgraduate project works are part of the department’s regular activities.

Contact Address
Prof. Khanindra Pathak
Course Coordinator
Department of Mining Engineering
IIT Kharagpur - 721302
Phone: 03222283722 Mobile: 09800877877, Fax: 03222282700/282282

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HAULROADS ARE ASSETS OF SURFACE MINES TOO IMPORTANT TO NEGLECT........
WHY YOU NEED THIS COURSE

Design construction of maintenance of different category of haul roads in any surface mines play a great role in overall productivity and safety of surface mines. With the introduction of capital intensive high capacity trucks it has become now very critical to design comparable haul roads. Converting the existing haul roads for the changed technology requirements is an important task. Number of road design issues must be carefully addressed to avoid possible accident hazards. The present course has been designed to train the mining and civil engineers working in surface mines. The course will cover recent developments in mine haul road design and maintenance of road truck systems. The course will enable the participants to develop necessary information system in their respective mines for planning and executing actions for enhancement of capacity utilization, mine productivity and profits. Contemporary global scenario and rules and regulations pertaining to truck haulage systems will also be highlighted in the course.

COURSE CONTENT

The course coverage will include:
- Haul road design
- Haul road construction
- Haulroad maintenance
- Economics of haulroad and trucking
- Recent developments in construction, operation and maintenance of mining trucks
- infrastructure and facility planning for haul road
- Haulroad and truck safety management

COURSE OUTCOME

The course will enable the participants to
- select required capacity and feet size for given production target
- select appropriate haul road design approach for given geo mining conditions
- design the haul road and develop their maintenance schedule.
- analysis cost and benefits of haul road management surface mines.
- recommend infrastructure and facility planning for haul road and track performance enhancement.
- design safety management practices for surface mining haulage
- critically examine the rules and regulations governing truck haulage system

PEDAGOGY

The pedagogical methods and materials will include lectures, discussions, case studies, exercises, and presentations by participants.

IS THIS THE COURSE FOR YOU?

The course will be useful for the executives and supervisory staff engaged in maintenance and operation of haul roads and trucks. The higher and middle level management involved in decision-making regarding replacement, overhauling and procurement of equipment would also be benefited. Engineers employed in surface mines of coal, major and minor minerals will also be benefited. Executives involved in operations, development and modernization of surface mine facilities will be benefited by this course.