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Azadi Ka
Amrit Mahotsav



Skill-cum-Entrepreneurship Development Program Under CSIR Integrated Skill Initiative



An IoT based Automation for Energy Efficient Mining System

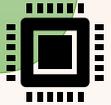


04-08 December 2023



- Introduction to the Course
- Basic Electronics- Hands on demonstration
- Introduction to Programming of Arduino /Raspberry Pi

- Basics of Embedded System & IoT
- IoT Hardware Platform
- Laws for IoT
- Security Concerns of IoT Product/ Service



- Design of Mining Systems viz. Mine Fire Detection & Management and Miner's Health Monitoring using IoT.

- Circuit Simulation and PCB Design Techniques
- Component installation
- Device Fabrication and System testing



- Start-up Insight
- Admin Process, MVP
- Initial Sales, Sales Pitch, Bootstrap, Fund Raise

- Application of AI and ML
- Q&A Session
- Assessment Test



WHO CAN APPLY ?

B. Tech/
B.E

ECE/ EIE/
EE/EEE/
CSE/MINING
(Pursuing/Passouts)

M. Tech/
MS

ECE/ EIE/
EE/EEE/
CSE/MINING
(Pursuing/Passouts)

Other
Graduates/
Diploma

Having Skills in
Electronics Circuit
Design and
System design



To Submit your Application [CLICK HERE](#)

Last date of Registration : 28 November, 2023

Organized by

Venue
CSIR-CIMFR,
Barwa Road
Campus

Application Fee
Nil

HRD & Skill Development Section

सीएसआईआर- केंद्रीय खनन एवं ईंधन अनुसंधान संस्थान, धनबाद

CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH, DHANBAD