

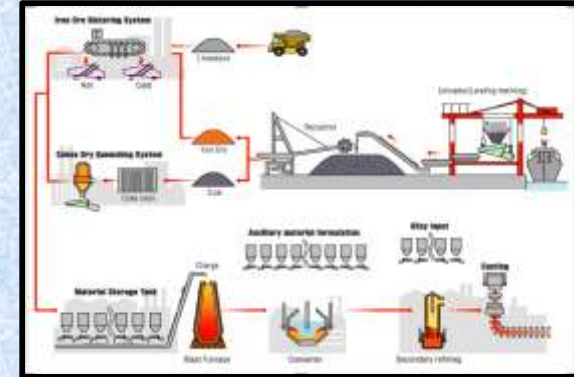
6 Months Certificate Course
on

IRON MAKING TECHNOLOGY



KAZI NAZRUL UNIVERSITY

Approved
By
**UGC and National Skills
Qualification Framework (NSQF),
MHRD, Govt. of India**



First University in West Bengal to offer the course of this kind

Highlights of the course

- Mineral Processing & Beneficiation technique
- Agglomerations technique of Iron ore like Sintering, Pelletizing, Briquetting etc.
- Iron Making Processes both BF route and Alternative route
- Characterization technique
- Classical chemical analysis technique
- Physical and metallurgical analysis technique
- Development of soft skills like communication Skill, Presentation skill, Time management etc.



Eligibility

- **10+2 level**
- **ITI Students**
- **Diploma Engineering**
- **Bachelor of Engineering**

University will take initiatives to provide maximum placement to the students on successful completion of the course

Job Prospects

- Cast House Junior Operator
- Cast House Senior Operator
- Operator for agglomeration Unit
- Screen and Crusher Operator
- Laboratory Assistant
- Maintenance Job
- Raw Materials Handling System
- Project Assistant

Expected salary for above mentioned jobs: 1 lac to 3 lacs per year

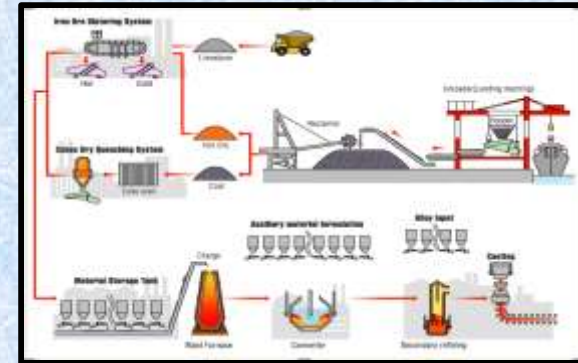
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Out Come of the course

- Understanding different iron making Process
- Development of soft skills like communication Skill, Presentation skill, Time management etc.
- Job readiness to work in cast house and control room of Blast Furnace
- Laboratory skill on Characterization technique, beneficiation/upgradation processes, agglomerations, Reduction, and Melting/smelting process
- Study on Physical and Metallurgical Properties of raw ore and process product.

Objective of the Course

- Upgrade skills to international standards through significant industry involvement
- Develop necessary frameworks for standards, curriculum and quality assurance
- Enhance, support and coordinate private sector initiatives for skill development through the models; strive for significant operational and financial involvement from private and government sector.
- To contribute significantly to the overall target of skilling up of people in India, mainly by fostering private sector initiatives in skill development programmers and to provide funding
- Prioritise initiatives that can have a multiplier or catalytic effect as opposed to one-off impact

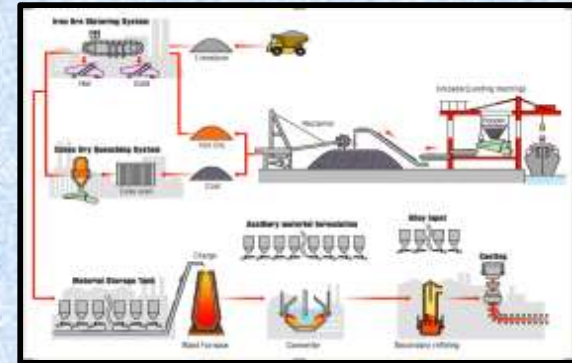
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Intake Capacity

30 SEATS

Reservation to SC, ST, OBC and PwD categories will be available as per the State Reservation Policy.



Duration of the course

- 6 Months (one semester)
- 30 credits
- 315 hours on the theory classes
- 135 hours of skill based laboratory training & Industrial Visit

Industry Partner

Duttcon Consultant & Engineers Private Limited

Course Fees

Rs 6000/- Per head (Excluding Examination Fees)

Admission Form for Skilled Based Course 2020: Google Form link: <https://forms.gle/jzYsFH1NMHBELHxg9>

COURSE COORDINATOR

Dr. Chanchal Biswas

Email Id: chanchal.biswas@knu.ac.in
Phone No: 9733587845

Classes Will be in Regular Mode

**Commencement of Classes:
First week of December 2020
(Tentatively)**

Last date of submission of the form: 21.10.2020