

C H I T R A N G A D J A I N

OBJECTIVE

To enhance and implement my practical knowledge by applying learning and experience for benefit of self and company.

EDUCATION

Course	University/Board	Institute/School	Year	%
M. Tech. (AI & ML)	CSVТУ Bhilai CG	Shri Shankaracharya Technical Campus Bhilai	pursuing	
MBA (HRM & PM)	Autonomous	National Institute of Management Bhopal	2009	68.6
B. Tech (ECE)	JUIT Solan	Jaypee Institute of Engineering & Technology Guna	2007	70
XII	M.P. Board	S.R.R.M.B.Gujarati H.S.S. Indore	2003	77.7
X	M.P. Board	Govt. B. H. S. S. Raghogarh	2001	82.2

CERTIFICATIONS

Certification	Institute	Year
Project Management	NITIE Mumbai	2012
Radiation Safety Aspects of Nucleonic Gauges	Bhabha Atomic Research Center Mumbai	2012
Energy Manager	Bureau of Energy Efficiency	2013
Radiological Source Security	Kings College London	2019
High Performance Building	Green Tree Global Academy	2020
Advance & International Studies Career Counselor	Bodhami Pvt. Ltd.	2021
Natural Health and Yogic Sciences	Gandhi National Academy of Naturopathy	2021
Train the Trainer	CRISP Bhopal	2021

WORK EXPERIENCE

Started my Engineering career with **JAYPEE Group** from 06/07/2007 at its DALLA Site, completed three projects (**1500 & 4500 TPD Cement Plant and 27MW Power Plant**) and complete engineering work of **6000 TPD Cement Plant** in DALLA till 25/12/10.

Since Jan'11 onwards, I am working with M/s **J K Lakshmi Cement Ltd.** for Durg Plant and currently working as Manager (Electrical & Instrumentation). Successfully Commissioned the **4500TPD Green Field Integrated Project** in DURG in Jan'15, **8MW WHR** power plant for 4500TPD cement plant in July'2017, **20MW coal based CPP** in Aug'2019, optimization of cement grinding section (120TPH VRM, 2 Nos. 110TPH Ball mills) and presently looking after the O&M of SOLAR (5MW), WHR (8MW) and CPP (20MW) at the DURG location. Summary of my job profile is as follows:

- Participated in planning, bidding process and finalization of **4500TPD Green Field Integrated Project, 8MW WHR power plant of 4500TPD PYRO Section and 20MW coal based CPP.**
- **Planning, Coordinating, scoping, estimation, tracking, drawings approval, inspection & implementation** of project plans within budget and deadline.
- **Organizing training internal/external programmes based on the training need analysis to elevate the skills & productivity of employees.**
- Preparation, review and approval of **SLD of PCC, SLD OF 220KV/6.6KV Switchyard, Control Scheme (PCC, MCC, LDB etc.), Earthing & lightning arrestor drawing, Load list, Motor drawing, Transformer drawing, HT board, APFC, P&ID, Instrument list, Hook-up diagram, Instrument Location drawing, Block Interlock diagram and Alarm & trip list etc.**
- Involve in **cable engineering work**, preparation and review of cable routing, cable laying schedule & cable termination schedule for all types of cable including HT, Power, Control, Signal, FO, ControlNet, Ethernet and Profibus.
- Inspection of various electrical and instrument panels (HT board, PMCC, IMCC, MCC, LDB, PDB, MV VFD, LT VFD, I/O Panel, Controller Panel, SFF, SFM, cooler hydraulic, cooler HRB, Stacker-Reclaimer etc.) at vendors works.

- Participated in Designing and development of the System Architecture, functional Block Logic Diagram, Erection & Commissioning of I/O panel (ABB, Rockwell, Siemens), DCS (ABB, Siemens), SCADA (FLSmidth) Commissioning with AC800M (PM864, PM866) at 800xA Ver. 5.0.0-1 (SP-1, SP-2) & 5.1, RS Logix 5000 (L75 AB Processor), Siemens T3000 system etc.
- HT, PCC, IMCC, MCC, APFC, LRS, GRR, I/O Testing, ABB MV & LV (415V, 690V) V/F drives, Sub Control System, Governor, TCP, GRP, Synchronization, AVR, MSCP, NGR, LASCVT, Field Instruments, Weighing equipment, Opacity Monitor, CEMS, SWAS Installation, Commissioning, Testing.
- Participated in commissioning of Gaama Analyser (make THERMO SCIENTIFIC and SABIA INC), Gas Analyser (make FLS), NLG (make Pentax), Cem Scanner (make FLS) CEMS (make Siemens), AAQMS (make Chemtrols).
- Participated in erection, commissioning and programming of Stacker and Reclaimer, cooler hydraulics, cooler HRB, Silo aeration and extraction with Siemens PLC (CPU 314) using Simatic S7, RS Logix L73.
- Executing cost saving and energy saving techniques / measures and modifications to achieve substantial reduction in O&M expenditures and work within the budget.
- Expertise in handling the complete maintenance (preventive / Breakdown) of HT, PCC, IMCC, MCC, APFC, LRS, GRR, Governor, TCP, GRP, Synchronization, AVR, MSCP, NGR, LASCVT, HT motors, LT (415VAC & 690VAC) motors, slip ring motors, ABB V/F drives, GAAMA ANALYSER, I/O panel (ABB & AB), DCS (ABB & AB), Stacker and Reclaimer system, Gas Analysers, NLG, resource utilization & manpower management.

PROJECTS

- **1500 TPD K4-line Dalla Cement Plant a unit of Jaypee Associates Limited.**
We have worked in remodeling and enhancing the plant automation taken over from U.P Govt. and also actively contributed in increasing the production capacity from 1300 TPD to 1500 TPD.
- **4500 TPD K5-line Dalla Cement Plant a unit of Jaypee Associates Limited.**
This was a brown field project designed and consulted by HOLTEC, complete mechanical equipments supply by TKIL and electrical and instrumentation by ABB.
- **27MW coal based captive power plant at Dalla a unit of Jaypee Associates Limited.**
This plant was a turnkey project of BHEL, in this I played a lead role in commissioning of this plant, where Boiler (BHEL), TG, Turbine & DCS (Siemens), Water Treatment Plant (Loshian)
- **6000 TPD Jaypee Super Cement Plant a unit of Jaypee Associates Limited.**
This was a green field Project designed and consulted by HOLTEC, Mechanical equipment supply of PYRO section by KHD, all Mills by Pfeifer and electrical and instrumentation by ABB.
- **4500 TPD JK Lakshmi Cement Plant a unit of JK Organization.**
This is a green field Project, designed and consulted by ERCOM Consultant, Crusher by L&T, complete PYRO section by FLS, all Mills by LNV T make UBE Japan, Packing Plant FLS, DCS by FLS and Switch Yard by Siemens. All suppliers include supply, erection and commissioning.
- **WHR Power Plant of 8MW for 4500 TPD PYRO Section of JK Lakshmi Cement Plant.**
This is a waste heat recovery-based power generation plant of 8 MW capacities, designed and consulted by M/s LNV T Chennai. This is a turnkey project awarded to M/s LNV T and will be commissioned by Mar'17.
- **Coal Based 20MW Captive Power Plant with FGD for JK Lakshmi Cement Plant.**
This CPP project is awarded for M/s LNV T as turnkey, commissioned in Aug'19 and FGD is ordered to M/s Longking China for Engineering, supply, supervision of erection and commissioning.
- **Flue Gas Desulfurization (FGD) system for 20MW Captive Power Plant for JK Lakshmi Cement Plant.**
This was the first FGD system of India for CPP. This project was awarded for M/s Longking China as turnkey (Engineering, supply, supervision of erection and commissioning), commissioned in June'20.

TRAINING

- Three days **MDP (Management Development Program)** on **Project Management** at **National Institute of Industrial Engineering (NITIE) Mumbai** from 9th Jan'12 to 11th Jan'12.
- One week training on **Radiation Safety Aspects of Nucleonic Gauges** at **Bhabha Atomic Research Center Mumbai** from 24th Sep'12 to 1st Oct'12 in collaboration with **Indian Association for Radiation Protection**.
- Two Days out Bound Training for **soft skill development** from 23/09/16 to 24/09/16 at Jim Corbett UK.
- Three Days out Bound Training for **soft skill development and assessment** of personality from 10/06/18 to 12/06/18 at Shogi HP.
- Three Days training on **Radiological source security** conducted by **Kings College London** Between 24th & 26th

Jul'19.

- Two Days **Refresher Training Course**, conducted by **Bureau of Energy Efficiency** 09/12/19 to 10/12/19 at Raipur.
- Two weeks training on **High Performance building** conducted by **Green Tree Global Academy** from 21.10.2020 to 11.11.2020.
- One Days training on **Radiation: risk, protection and regulations**, conducted by **Indian youth nuclear society and Nuvia India** on 16/04/21.
- Three days training on **Train the Trainer**, conducted by **Centre for Research and Industrial Staff Performance (CRISP), Bhopal** from 10/11/21 to 12/11/21.
- Three days **FDP Training on Artificial Intelligence & Machine Learning**, conducted by **Microsoft and SAP in association with ATAL and AICTE** from 04/01/22 to 06/01/22.

HOBBIES

- Reading books
- Study on innovations
- Listening motivational speakers

ACHIEVEMENTS

- Implemented the SMARTA system for PYRO section heat and electrical energy optimization.
- Implemented the online logbook system for A, B, C shift and general shift operation.
- Implemented online system for bookings, complaint, service request, safe work permit etc.

PERSONAL DETAILS

- Father's name Mr. Ajay Kumar jain
- Date Of Birth 25th June 1986
- Nationality Indian
- Marital status Married
- Permanent address Shri Ajay Kumar Jain, Cloth Merchant, Katra Market, Raghogarh Guna (M.P)

I hereby declare that all the statements above put down by me are true, complete and correct to the best of my knowledge.

Thanking you.

Date :-

CHITRANGAD JAIN