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| CHITRANGAD JAIN, 21/23, Nehru Nagar West, Bhilai, c.g., 490020 |
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chitrangad Jain

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| **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) | CSVTU 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 from1300 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 LNVT 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 LNVT Chennai. This is a turnkey project awarded to M/s LNVT 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 LNVT 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 Automic 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 | | | |