

Chandrashekhar Satav

Mechanical Engineer with IPMA-D (Certified International Project Management Associate) having 25+ years of experience in project planning, scheduling and control, expediting, project engineering management, techno-commercial contract management, procurement management, vendor management, quality management, logistics management and project site installation management for industrial EPC Projects in various sectors for clients from the Gulf, Europe, Africa and Asia.

Home location: Chinchwad, Pune, Maharashtra, India, 411019

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Professional Skills:

- Lead all the stage gates of projects - e.g., Basic Engineering, FEED, detail engineering, detail design, RFQ, procurement, manufacturing, quality assurance & control, logistics, project construction (erection/installation), pre-commissioning, commissioning, start-up, completion and handover.
- Participate in proposal and project kick-off meetings, as required.
- Maintain strategic focus on projects by frequent interactions with the business leaders and clients to ensure a balance between the immediate projects' needs and the long-term goals of the company.
- Develop Project Execution Plan and Project Schedule.
- Understand Scope of Work is properly defined and ensure all the aspects of the agreed project scope get implemented and delivered.
- Ensure that the right deliverables are developed and delivered to meet the company's quality standards and client contractual requirements.
- Utilize project management methodologies, systems and tools as defined by Company or Customer.
- Implement expediting techniques and expediting coordination and feedback through periodically updated status reports.
- Lead Project team to facilitate communication and interaction among all the various stakeholders.
- Track project against agreed schedule, quality and budget during all the different stage gates.
- Review objectives and report status to management and customers regularly.
- Develop and implement recovery plans for off-schedule and unanticipated occurrences.
- Prepare periodic management and/or customer reports and presentations.
- Mentor and Coach Project team members to achieve project goals.
- Provide day-to-day supervision of the assigned project admin assistant to resolve project administrative issues.
- Maintain awareness of safety and environmental requirements.
- Recommend new processes where needed to improve quality, cost & on-time delivery.
- Review and approve key project documents in line with the agreed scope including P&IDs, Plot Plans, Plant Layout & Elevations, etc.
- Lead weekly Project Meetings with all discipline engineering, procurement, quality, logistics and site leads.
- Review and verify project estimates monthly.
- Work with Project Controls for transition of proposed budget into execution budget.
- Manage project budget and control expenses effectively.
- Track actual costs and report against budget.
- Provide feedback regarding employee performance in a project team to the functional manager for records.
- Negotiate differences with client and internal personnel to meet the agreed project goals. Identify project scope changes and prepare 'Project Change Notes' for submittal to clients.
- Raise invoice requests promptly as per the agreed project terms and conditions, and follow-up for payment receivables.
- Ensure timely release of payments to vendors, suppliers and contractors as per agreed terms and conditions.

IT Skills:

Word, Excel, PowerPoint, MS Project, AutoCAD and 3D Model Viewer, SAP S/4 HANA, ERP, Zoho

Professional Exposure:

Oil and Gas Projects:

- ❖ Petroleum Crude Oil & Gas Treatment
- ❖ Petroleum Fuel Gas Desulphurisation System (FGDS)
- ❖ Petroleum Oil and Gas Pilot/ R&D Plant Skid (Methanol to Di-methyl Ether)
- ❖ Petroleum Wet and Dry Crude Oil Storage Tank Farm (Fixed Roof & Floating Roof type metallic welded tanks)
- ❖ Petroleum Fuel Oil Storage Tank Farm (Floating Roof type metallic welded tanks)
- ❖ Petroleum Crude Oily Water Separation Petroleum Oily-Water Treatment
- ❖ Petroleum Oil & Gas Solids, Liquids & Gas Separation
- ❖ Petroleum Oil & Gas Liquid Waste Treatment
- ❖ Petroleum Oil & Gas Solid Waste Treatment
- ❖ Coal to Gas Tertiary Liquid Effluent Treatment
- ❖ Oil & Gas Fire Fighting Equipment/ System
All above inclusive of Inert Gas Blanketing System, Sacrificing Anode type Cathodic Protection System, Rim Seal Fire Protection System, Flare System, steam traced piping, Gas Fired Captive Power Plant, Indirect Bath Heaters, Gas fired Boilers, Fire Water Storage Tanks, Diesel driven Fire Fighting Water Pumps, Electric Motor driven Jockey Pumps, Air Compressor and Hydro-Pneumatic Pressurisation System, Hydrant Piping Network, Medium Velocity Water Spray (MVWS) System, High Volume Long Range (HVLR) Monitors, Foam Tanks, Diesel driven Foam Pumps and Electric Motor driven Foam Pumps, Dry Crude Oil Dispatch Pumps (Gas Fired Reciprocating Pumps), Metallic Welded Tanks internally lined with Polyurea, Super Vinyl Ester Epoxy Resin, Ebonite/ Rubber lining, Metallic Glass-fused GLS/ GFS Liquid Storage Bolted Tanks, non-metallic HDPE, FRP Tanks, internally lined Metallic Pumps, Pipes and Valves, Graphite Heat Exchangers, Ozone Generators, Horizontal Centrifugal Pumps, Vertical Pumps, Vertical Submerged Centrifugal Pumps, High-Pressure Pumps, Screw Pumps/ Low Shear Pumps, Geared Pumps, Vertical Submerged Multistage Pumps, Progressive Cavity Screw Pumps, Air Operated Double Diaphragm (AODD) Pumps, Rotary Lobular Pumps, Peristaltic Pumps and Metering/ Dosing Pumps, Gas Boosters, Plate Heat Exchangers, Cooling Towers, ID Fans, Blowers, valves, etc.
- ❖ Petroleum Oil & Gas Fly Ash Treatment inclusive of Bulk Storage Silos, Hoppers, Vibratory Feeders, Weigh Systems, Weigh Feeders, Rotary Bowl Mixers, Vibratory Screens, Screw Conveyors, Belt Conveyors, Gates, Valves, Stone Crushers, Cast-Basalt lined Twin Paddle Mixers, Spray Nozzles, and accessories

R&D, Lab Scale, Pilot Scale and Industrial Scale Skid Systems/ Plants:

- ❖ CIP, Chemical Dosing, Chemical Process, Specialty Chemical Process, Scrubber, Cooling and Heating, Heat Recovery, etc.

Distillery Plants for industrial production of potable and industrial and pharma grade **Rectified Spirits (RS) and Extra Neutral Alcohols (ENA)**, industrial and pharma grade **Ethanol (Fuel Ethanol/ Bio-Ethanol)**, industrial and pharma grade **Ethyl Acetate**, and **Solvent Recovery Plants**:

All above inclusive of grain storage (bolted) silos, grain handling equipment (weighing, filling, feeding and unloading equipment/ system, roller conveyors, belt conveyors, bucket elevators, augers, rotary valves, gates, etc.) grain processing equipment (screening, de-stoning, separation, grading, milling, mixing, etc.), dust control and handling equipment/ system, agitated tanks/ vessels, fermenters, heat exchangers, process pumps, piping and valves, vacuum pumps, cooling towers, fractional distillation columns, molecular sieve systems, product storage tanks as well as PESO storage tanks, effluent treatment & recycling and CO₂ recovery skid system, CO₂ compressors & PESO alcohol/ ethanol storage tank farm, bio-digesters, flare system, bio-fertilisers, MS, SS 304, SS 316, SS 316L pumps, piping and valves, SS 304/ SS 316/ SS 316L fractional distillation columns and heat exchangers, DOW Cu fractional distillation columns, heat exchangers and piping, cooling towers, fire water storage tanks, diesel driven fire fighting water pumps, electric motor driven jockey pumps, air compressor and hydro-pneumatic pressurisation system, piping network and valves, etc.

Brewery Plant for industrial production of potable **Beer**

inclusive of SS 316L fermenters, unitanks, bright beer tanks, glycol chillers, heat exchangers, CO₂ recovery skid system, CO₂ compressors & PESO liquid CO₂ storage tank and heat recovery systems, piping, valves, etc.

Water/ Wastewater/ Effluent/ Sewage Water Treatment and Seawater Desalination Plants:

- ❖ Seawater Desalination for Demineralized (DM) Water Production for 2 x 800 MW Power Plant
- ❖ Condensate Polishing Units (CPU) for 2 x 800 MW Power Plant
- ❖ Ultra-Pure Water production for Solar Wafer Itching Process
- ❖ Brackish Water Treatment
- ❖ Rainwater/ River Water/ Dam Water/ Lake Water Treatment
- ❖ Industrial Process Water Recycling
- ❖ Industrial Wastewater/ Effluent Treatment
- ❖ Black Water/ Sewage Water Treatment

All above inclusive of wire mesh screens, tube-settler, inclined plate clarifiers, wedge-wire screen filters, air bubble floatation systems, sand filters, dual media filters, activated carbon filters, micron candle filters, welded metallic storage tanks, agitators, welded metallic pressure vessels, metallic high-pressure pumps, metallic pumps, metallic piping & valves, CIP skids, chemical dosing skids, dosing pumps, metering pumps, reverse osmosis (RO) skid system, ion exchangers, UV skid system, Ozonisation skid system, HDPE, FRP, PVC, uPVC, cPVC non-metallic tanks, piping and valves, plastic pumps, internally PE/ PU lined pumps, internally rubber-lined piping, valves and tanks, air venturi pumps, static mixers, centrifuge, filter press, etc.

Pharmaceuticals, Food & Beverages and Cosmetics manufacturing Equipment/ Systems/ Plants:

- ❖ 'Aseptic' Lab/ R&D scale and industrial scale systems/ process equipment (for manufacturing ketch-up, mayonnaise, shampoo, perfume, face creams, hair dyes, balms, ointments, lotions, injectables, syrups, oral liquids, pharma ingredients, intermediates, dyes, pigments, powders, herbal extracts, perfume extracts, etc.).
- ❖ 'Aseptic' Equipment: Vessels, tanks, bulk storage silos, IBC.
- ❖ 'Aseptic' Process Equipment/ Systems: Trolleys, drum/ ibc lifting & unloading machines, scissor lifts, lump breakers, agitators, high-speed, mixers, high-speed homogenisers, fermenters, agitated tanks, heating process tanks, cooling process tanks, co-mills, dough making and noodling machines, IBC washing machines, paddler mixers, planetary mixers, rotary cone leaf scrappers, rotary vacuum paddle driers, vertical (Nauta) cone driers, rotary cone blenders, activated carbon vacuum filters, lipstick manufacturing kettles, vibro-sifters/ sieves, chilled/ cold/ hot air drying systems, nitrogen blanketing systems, chemical process skid systems, chemical dosing skid systems, CIP skid systems, piping, pumps, vacuum pumps and valves.
- ❖ 'Aseptic' industrial pneumatic conveying/ transfer systems for ingredients/ intermediate fine powders/ other materials (flakes, granules, sugar, etc.)
- ❖ 'Aseptic' material handling automation equipment/ systems (weigh-fill, loss and weigh, drum/ bag/ jumbo bag filling/ unloading, pneumatic conveying/ transfer systems, IBC/ drum auto weighing-filling/ unloading/ loss and weighing systems, roller conveyors, slat conveyors, belt conveyors, etc.)
- ❖ 'Aseptic' air purifying/ dust control/ pollution control systems

Silo Storage Systems and Bulk Material Handling Plants (100% imported from Behlen, USA):

- ❖ Grains/ seeds storage (bolted) silos, aeration systems, hoppers, gates, valves and accessories.
- ❖ Grains/ seeds bulk material handling (weighing, filling, feeding and unloading equipment/ system, roller conveyors, belt conveyors, bucket elevators, augers, etc.)
- ❖ Grains/ seeds processing equipment (screening, destoning, separation, grading, milling, mixing).
- ❖ Dust control & collection and air handling equipment/ systems

Mining Ore Bulk Material Handling, Processing and Mixing for Copper Smelting and Cement Plants:

- ❖ Mining ore bulk material handling equipment systems (hoppers, gates, valves, roller conveyors, belt conveyors, overhead travelling gantries, stacker-reclaimers, etc.)
- ❖ Mining ore bulk material processing equipment systems (screening, magnetic separation, crushing, grading, milling, mixing, etc.)
- ❖ Dust control & collection and air handling equipment/ systems

Industrial Powder/ PU Coating and Liquid Painting Plants:

inclusive of overhead/ table conveyors, 7-tank pre-treatment process tanks, powder fluidising system, electrostatic power spray guns, liquid paint spraying guns, electrostatic powder coating booths, electro-static paint spraying booths with overspray water quenching bath-tubs, baking ovens, heat-exchangers, powder recovery system, etc.

Professional Career:

- Topse Process Solutions**, Pune **General Manager-Operations & Projects** Dec-2024 to Apr-2025
Blotech, Pharma, Speciality Chemicals, Solvent Recovery Industrial EPC Chemical Process Projects in India.
- SSEPL Techno**, Pune **Project Manager** Nov-2023 to May-2024
Distilleries (Rectified Spirits, Neutral Alcohols and Extra Neutral), Ethanol and Ethyl Acetate industrial manufacturing and Solvent Extraction Industrial EPC Chemical Process Projects in India and Uganda.
- Reva Process Technologies**, Pune **Sr. Project Manager** Jan-2023 to Oct-2023
Oil & Gas Industrial Chemical Process EPC Projects in India.
- Hypro Engineers**, Pune **Vice President-Site Execution & Projects Control** Jul-2021 to Nov-2021
Breweries, CO₂ Recovery Skids with Liquid CO₂ Storage Tanks and Heat Recovery, Industrial Chemical EPC Process Projects in Asia, Europe, Africa and the Gulf.
- Reva Process Technologies**, Pune **Sr. Project Manager** Dec-2016 to Jun-2021
Oil & Gas Industrial EPC Process Projects in the Kingdom of Saudi Arabia (KSA).
- VA Tech Wabag Ltd.**, Pune **Sr. Manager-Projects** Aug-2009 to Jul-2015
Water, Wastewater & Effluent Treatment and Seawater Desalination Industrial EPC Chemical Process Projects in India and the Gulf.
- Thermax Ltd.**, Pune **Assistant Manager-Projects** Jun-2008 to Aug-2009
Fuel Coal Pneumatic Conveying and Dust Collection/ Air Purification/ Pollution Control (Bag House, Bag Filter and Electro Static Precipitator- ESP) Industrial EPC Process Projects in India.
- Enviro-Abrasion Resistant Engineers**, Pune **Sr. Executive-Projects** Dec-2006 to Jun-2008
Project Management, Logistics Management and Project Site Installation Management for Mining Ore Bulk Handling and Processing EPC Industrial Projects in Africa and India.
- Praj Industries Ltd.**, Pune **Assistant Manager-Projects** Jan-2005 to May-2006
Distilleries (Rectified Spirit and Extra-Neutral Alcohol) and Fuel Ethanol Industrial Chemical Process EPC Process Projects in India.
- Cybernetik Technologies**, Pune **Manager - Project Erection & Commissioning** Jul-2000 to Dec-2004
'Aseptic' Equipment/ Systems for Industrial EPC Projects in India.
- Statfield Systems**, Pune **Assistant Manager-Project Co-ordination & Execution** Sep-1997 to Jun-2000
Powder and Liquid Paint Coating Industrial EPC Projects in India.
- Kirloskar Kisan Equipment Ltd.**, Pune **Senior Engineer - Project Erection** Jun-1994 to Aug-1997
Grains/Oil Seeds Bulk Storage Bolted Silos, and Bulk Material Handling and Grains/Oil Seeds Processing Industrial EPC Projects in India.

Education:

DME Diploma in Mechanical Engineering Government Polytechnic, Pune 1994

Certificate:

IPMA-D Certified International Project Management Associate PMA-India 2009

Languages:

- English (Fluency in reading, writing, speaking & conversion)
- Hindi (Fluency in reading, writing, speaking & conversion)
- Marathi (Fluency in reading, writing, speaking & conversion)

Passport:

Passport Number: X7537360, issued at Pune (Maharashtra, India), valid till 13th March 2033.

Date of Birth:

October 31, 1974