

# DINESH KUMAR

## Piping / Pipeline Engineer

### CONTACTS:

T: +971-545608766 (UAE)  
T: +91-9810573658 (India)  
E: [DKT.KUMAR@GMAIL.COM](mailto:DKT.KUMAR@GMAIL.COM)

### SOFTWARE SKILLS:

- Plant 3D (P3D)
- PDS
- PDMS
- MDS
- SP3D (Training done)
- AUTOCAD
- CAD WORX
- MICROSTATION
- OPTIMIZE
- SPR & NAVIS WORK

### EDUCATION:

- B.tech
- Diploma

### REFERANCES:

Mr. DAVID HALLIWELL

E: [roopsme@roobasra.com](mailto:roopsme@roobasra.com)  
E: [David.Halliwell@roobasra.com](mailto:David.Halliwell@roobasra.com)  
T: +447901332759

Mr. DEREK SMITH

E: [roopsme@roobasra.com](mailto:roopsme@roobasra.com)  
E: [Derek.Smith@roobasra.com](mailto:Derek.Smith@roobasra.com)  
T: +447519028777

Mr. IBRAHIM ELWI

E: [ibrahim.elwi@woodplc.com](mailto:ibrahim.elwi@woodplc.com)  
T: +971-504942810

Mr. AMIT VIJAY ASHA

E: [amit.vijay.asha@fluor.com](mailto:amit.vijay.asha@fluor.com)  
T: +31640758090

### ADDITIONAL DETAIL:

NATIONALITY - INDIAN  
PASSPORT No. - Z4539559  
(Valid till 2029)

### LANGUAGES:

- ENGLISH
- HINDI

### WORKED IN ABROAD:

- USA
- Singapore
- Malaysia
- Australia
- UAE (Abu Dhabi & Dubai)
- Iran
- Iraq

### PROFILE:

Attained extensive knowledge over 20-years in the engineering design and development of various types of oil and gas projects (Offshore & Onshore) and Pipeline design in the petroleum industries. Detail engineering in Greenfield & Brownfield Projects. Major area of expertise in **Conceptual Studies, Front End Engineering, Detail Engineering & EPC.**

I have an experience of below mentioned activities from an engineering and provisional cost point of view: -

- Preparation and checking of all types of Pipeline Layout design deliverables such as General Arrangement Drawings, Mechanical Package Drawings, 3D Models in PDMS, Pipeline Arrangement Drawings, Piping / pipeline Isometrics, Material Take-Offs, Electrical or Instrument Cable layouts etc.
- Preparation of CTR
- Prepare material take-offs including pipe, fittings, valves, to support various cost estimates as required by the project.
- Performs a permanent check on compliance with the layout rules specific to pipeline design (distance between runs, position of welds and openings).
- Develops the design and drafting of complex pipeline drawings given basic information such as P&ID's, GA's, pipeline specifications, equipment arrangement drawings
- Coordinate with Pipeline Engineering Team and other design disciplines to resolve issues.
- Develop pipeline / piping models including studies and layouts.
- Create pipeline transpositions and manual material take-offs.
- Reviewing vendor and in-house coordination drawings to ensure compliance with project requirements.
- Able to extract reports from the modeling software.
- Review and check bill of material reports extracted from models.
- Assist in checking when required
- Familiarize with the scope of work. Monitor changes in scope of work and raises change notification to the Lead Engineer.
- Co-ordinate with other discipline / departments. Attend Project review meetings and project co-ordination meetings in the absence of Lead Engineer.
- Participate in technical review meetings.
- To ensure Quality Control throughout the discipline, works with the Quality Management System and participate in regular quality audits.
- Follow all applicable procedures and work instructions.
- Keep continual improvement as a goal and apply Lessons Learnt on the past projects for better performance.

### SKILLS:

- Capable to work on **AutoCAD, PDS, PDMS, P3D** and other design related software's.
- Capable to conduct study for plot plan and equipment layout for critical areas.
- Capable to Conduct pipeline studies for process critical areas.
- Capable to Co-ordinate with engineering discipline for pipeline as well as interface deliverables.
- Capable to Execute / provide clarification for the IDCs of CSA, Electrical, Vessels, Instruments group.
- Capable to Conduct / participate in model review with client.
- Capable Conduct review of model with respect to P&ID, equipment datasheets/ vendor drawings, other discipline inputs before passing over to AUTO CAD, SP3D/PDMS designer.
- Capable to Check pipeline isometrics with respect to 3D model, P&ID, equipment vendor drawing, instrument hook up and all related interface drawings.
- Co-ordinate with lead engineer and plan the activities for area being handled.
- Capable to Check various 3D reports from 3D model and submit lead engineer and checking of Piping GA for release in AFC status. Familiar and acquainted with various software of 3D model reviews and AutoCAD. Well versed with all relevant international standard / codes like ASME B31.1, B 31.3 & B 31.4. Good team player and have good communication ability (verbal and written).
- Experience with prefabricated, packaged items for plant design
- Capable to review and comment on Supplier drawings and Perform site survey, as necessary.
- Capable to maintain the progress of project deliverables / commitments.

<b>Position :</b> <b>Company :</b> <b>Project :</b> <b>Responsibilities :</b>	<p><b><u>WORK EXPERIENCE:</u></b></p> <p>Piping / Pipeline Engineer (19<sup>th</sup> Sep '21 to Till date)</p> <p><b>KBR, Abu Dhabi</b> - BP Roo Project, Basra Iraq - Rumaila field</p> <p>Engineering Support for Flowlines Replacement Campaign Project – 2023</p> <p>Continue in same project and shifted from wood to KBR with new EPC contractor for BP Roo projects.</p> <p>Working as a Pipeline Engineer in small projects team for flowline replacement campaign project – 2023, Scope Comes under operation team. Preparing work pack addresses the above ground and underground installation of flowline from the well head to DG station manifold and from CPS station to Water injection wells and Dammam wells.</p> <p>Responsible for complete design activities of pipeline route layout/ material and issuing its associated deliverables to Client.</p> <ul style="list-style-type: none"> <li>• Study of pipeline corridor for Water Injection Network including Transfer lines, WI trunklines, and WI Flowlines.</li> <li>• Review of critical pipeline crossings of proposed corridor using GIS maps.</li> <li>• Propose suitable locations for Pipeline pigging facilities and New WI manifolds inside Degassing stations during pre-FEED stage.</li> <li>• Identify pipeline tie-in locations to the WI manifolds using Fugro Site Spot.</li> <li>• Provide technical answers to Engineering Queries raised up by the site construction team.</li> </ul>
<b>Position :</b> <b>Company :</b> <b>Project :</b> <b>Responsibilities :</b>	<p>Piping / Pipeline Engineer (15<sup>th</sup> Nov '21 to 15<sup>th</sup> Aug '22)</p> <p><b>WOOD PLC, Dubai</b> - BP Roo Project, Basra Iraq - Rumaila field</p> <p>Engineering Support for Flowlines Replacement Campaign Project – 2022</p> <p>Worked as a Pipeline Engineer in small projects team for flowline replacement campaign project – 2022, Scope Comes under operation team. Preparing work pack addresses the above ground installation of flowline from the well head to DG &amp; Cps's station manifold.</p> <p>Responsible for complete design activities of pipeline route layout/ material and issuing its associated deliverables to Client.</p> <ul style="list-style-type: none"> <li>• Study of pipeline corridor for Water Injection Network including Transfer lines, WI trunklines, and WI Flowlines.</li> <li>• Review of critical pipeline crossings of proposed corridor using GIS maps.</li> <li>• Propose suitable locations for Pipeline pigging facilities and New WI manifolds inside Degassing stations during pre-FEED stage.</li> <li>• Identify pipeline tie-in locations to the WI manifolds using Fugro Site Spot.</li> <li>• Provide technical answers to Engineering Queries raised up by the site construction team.</li> </ul>
<b>Position :</b> <b>Company :</b> <b>Project :</b> <b>Responsibilities :</b>	<p>Checker – Piping (12<sup>th</sup> Jul '21 to 8<sup>th</sup> Nov'21)</p> <p><b>JACOBS (HGC Constructors Pvt. Ltd.) Gurgaon, India</b></p> <p><b>PHARMACEUTICAL</b> Project, Pfizer Tuas API facility extension, Location - Singapore</p> <p>Worked as a Principal Designer / Checker and involve in Checking the isometrics for AFC and modelling work in Plant 3D in Areas Like; OSP building, Milling Building, External area, Piperack etc. Other project Software's to be used Like; BIM360, Bluebeam etc.</p>
<b>Position :</b> <b>Company :</b> <b>Project :</b> <b>Responsibilities:</b>	<p>Sr. Engineer – Site office based (14<sup>th</sup> Apr. '18 to 13<sup>th</sup> Nov '20)</p> <p><b>KBR seconded to British Petroleum (BP ROO)</b>, Rumaila oil field, Al Basra, Iraq</p> <p>Degassing Stations &amp; Cluster Pump Stations (CP'S)</p> <p>Worked as a role of Pipeline engineer on Piping Design activities for Liquid Loaded Flow Vent Tanks (LLTV) projects &amp; MOC Projects for following equipment's in degassing &amp; CP Stations like:- Chemical injection skid, Separators (1<sup>st</sup> to 4<sup>th</sup> stage), Desalter, Dehydrator, Oil Flow tanks, Storage tank, Booster pumps, KO Drum, Condensate collection vessel and Flare candles. Also did MOC's work for Qarmat Ali (water management project).</p> <ul style="list-style-type: none"> <li>• In this project my main role was to find the problem then goes to site and solve the problem. Always coordinate with site engineers.</li> <li>• Execute the Site Engineers to routing of pipeline based on Client Requirements and design Bases.</li> <li>• Gathers information, makes studies, performs calculations, and prepares original rough layouts and</li> </ul>

	<p>sketches to present design proposals</p> <ul style="list-style-type: none"> <li>• Developing and recommending improvements in design standards to lower cost</li> <li>• improve work quality and facilitate maintenance</li> <li>• Responsible for technical &amp; engineering support to field supervisors required at site.</li> <li>• Perform plant and piping design activities as a member of taskforce under guidance provided by the leader and cooperate with multi-discipline designers.</li> <li>• Developed conceptual piping arrangement based on P&amp;ID, piping design standards and criteria considering economy, safety and ease of operation and maintenance.</li> <li>• Prepared piping plans, sections, isometric drawings and P&amp;IDS for new equipment tie-ins on expansion projects.</li> <li>• Closely working with process, site engineers, Ops advisors in identifying Tie in locations, working with construction personal for constructability review etc.</li> <li>• Conduct and generating site surveys for underground pipe line and coordinating with other disciplines to replace them with above ground.</li> <li>• Issue of Technical Queries and Interface Queries to the Clients.</li> <li>• Prepared Piping MTO and Issuing isometrics for construction.</li> <li>• Coordinating &amp; handling technical issues with construction team.</li> <li>• Reviewing work packs, test packs &amp; completion reports.</li> <li>• Establish and maintain strong working relationships and with area leads, department managers, clients and other team members.</li> <li>• Submit monthly progress reports and drawing indices to the Project Manager / Project Engineering Manager.</li> </ul>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities :</b></p>	<p>Checker - Piping (10<sup>th</sup> Oct '17 to 2<sup>nd</sup> Feb'18)</p> <p><b>RANHILL WORLEY PARSONS</b>, Malaysia (Payroll on EDEN)</p> <p>North Field Alpha (NFA), Qatar Petroleum, <b>Offshore</b> Platform</p> <p>The North Field Alpha (NFA) complex processes well fluid produced from 15 producing wells from two wellhead platforms WHP-1 &amp; WHP-2. These platforms are bridge-linked to Riser Treatment Platform where the well fluid is processed for export. Other platforms in the complex are Flare Platform, Bridge Support Platform, Utility Platform and Living Quarter (LQ) platform.</p> <p>Worked as a Sr. Piping Designer / Checker and involve in Checking the isometrics for AFC.</p>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities :</b></p>	<p>Sr. Piping Designer (27<sup>th</sup> Jun '16 to 21<sup>st</sup> Oct '16)</p> <p><b>PENSPEN (DPS)</b>, Singapore (Payroll on EDEN)</p> <p>Jurassic Production Facility, Kuwait</p> <p>Detail Engineering of Crude oil Central Production Facility (Greenfield). Testing, processing &amp; handling of sour well fluids from fields, Inlet Separation, LP/MP Gas Compression, Crude treatment &amp; Stabilization, Gas sweetening, SRU, Central Piperack Utility, 1000 Lines, 60 Skids.</p> <p>Worked as a Sr. Piping Designer and involve in detailed design activities in PDMS for Piperack, Flare KO Drum and Flare Stack Area.</p>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities :</b></p> <p><b>Project :</b></p>	<p>Sr. Designer / Checker – Piping (04<sup>th</sup> Jun '12 to 30<sup>th</sup> Jun '13)</p> <p><b>CB&amp;I Singapore Pte. Ltd.</b> Singapore (Payroll on EDEN)</p> <p>Aasta Hansteen Topside EPC Project – SPAR Platform <b>Offshore</b></p> <p>Client - HHI, Owner and Operator - Statoil ASA, Location – Norway, Water depth – 1300M. This is a MOPEX job between The Hague (LO) and Singapore (SO). The work split is a horizontal one with The Hague taking the lead role.</p> <p>CB&amp;I's scope of work is to provide engineering services and procurement support in the development of the detailed design of the Aasta Hansteen Topsides Facilities, excluding the Drilling. CB&amp;I's engineering services include detailed design of the following topsides modules: Process Module, Utility Module and Living Quarters.</p> <p>Worked on Topside detailed design Piping layout in PDMS and Pipe supports in MDS for Process modules (P110 &amp; P120).</p> <p>Mariner Topsides EPC Project – <b>Offshore</b></p> <p>Client – DSME (EPC Contractor), Owner and Operator - Statoil ASA</p> <p>Location – North Sea, UK Continental shelf (East of Shetled), Water depth – 110M</p> <p>CB&amp;I's scope of work is to provide engineering services and procurement support in the development of the detailed design of the Mariner Platform Topsides Facilities, excluding the Drilling Module (which will be designed by RDS under sub-contract to DSME).</p> <p>CB&amp;I's engineering services include:</p>

<p><b>Responsibilities :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities :</b></p>	<p>Verification of the FEED design completed by Aker Solutions in the UK under the management of Statoil. Detailed design of the following topsides modules: Process Module, Utility Module, Well-bay Extension Module, Flare and Living Quarters.</p> <p>Worked on Topside piping detailed design layout in PDMS and Pipe supports in MDS for PDQ module and utility modules. As an MDS support checker following activities has been done during checking Like: Shoe calculation, Trunnion calculation and Frame calculation based on the loads provided by the stress. I GOT THE RECOGNITION AWARD IN THIS PROJECT FOR GOOD WORK.</p> <p>Gorgon Project Barrow Island LNG Plant – Chevron Australia The Gorgon Project is one of the largest natural gas projects in Australia. Gorgon project is designed on MODULE CONCEPT basis including sea transportation. Modular construction strategy to minimize impact on the island during the construction phase and KBR was involved in design engineering of different types of modules approx. 25 No's and CB&amp;I is responsible for Modular Pre-assembly work.</p> <p>Continue in same project from KBR and here working as a Sr. Piping designer for modular (pre-assembly) design of process units and utility equipment piping units.</p> <ul style="list-style-type: none"> <li>Review the general arrangement of structure &amp; piping drawings, 3D model and other data package of the preassemblies to check feasibility of piping pre-assemblies and define scope of piping pre-assemblies in process and in utility construction modules.</li> <li>Design and finalize pre-assembly pipe support framings, bracings and structural arrangements required for sea fastenings and road transport of modular pre-assemblies.</li> <li>Preparation and checking of pipe support fabrication drawings in AUTOCAD and publisher of pipe supports require for transportation.</li> <li>Preparation and checking of pipe support drawings MTO, for transportation supports required.</li> <li>Preparation of client review packages of modular preassemblies of pre-dressed vessels and process / utility piping pre assemblies.</li> </ul> <p>Third party was "Global Nobal Denton &amp; ABS. Comments from them were incorporated"</p>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities:</b></p> <p><b>Project :</b></p>	<p>Area Lead – Piping (12<sup>th</sup> Jul '10 to 18<sup>th</sup> May '12)</p> <p><b>Kellogg Brown and Root – KBR</b>, Singapore (Payroll on EDEN)</p> <p>Gorgon Project Barrow Island LNG Plant – Chevron Australia</p> <p>Worked in different type of MODULES like: FRACTIONATION MODULE 'TABA', PIGGING FACILITIES, RICH MEG &amp; LEAN MEG STORAGE TANKS. FIRE MONITOR TOWERS, DEMIN WATER BRIDGE PIPERACK, PIG RECEIVER PLATFORM, SCRUBBER and COMPRESSOR MODULE.</p> <ul style="list-style-type: none"> <li>Study layout directly on PDMS for Deaathaniser reflux drum , Depropaniser reflux drum, Reflux pumps,</li> <li>Propane and Ethane recycle pumps, depropaniser column / rebolier and utility piping.</li> <li>Modeled Pipe supports by using MDS for pipes and electrical cable trays.</li> <li>Interaction with Team, schedule the work based on priority.</li> <li>Attending model reviews with clients and convincing client with satisfactory resolutions.</li> <li>Co-ordination with other discipline and prime office to resolve the received queries.</li> </ul> <p>Al-Nasr Full Field Development project – Package 2, Abu Dhabi, <b>Offshore</b> Project</p> <p>Offshore scope: - Manifold Tower (MFT) / Wellhead Tower (WHT-1 &amp; WHT-2) and Interconnecting Bridge between MFT and WHT-1. Onshore scope: - Gas Turbine Generator (GTG)</p> <p>Worked as an Area Lead and involve in detailed design activities for Brownfield and Greenfield scope of work for the following modules.</p> <ul style="list-style-type: none"> <li>Feed Verification for GTG project.</li> <li>Study layout directly on PDMS for Gas lift Launchers, Water injection Pig Receiver, Gas Lift KO Drum, Corrosion Hydrate Inhibitor Package, Hydrate Inhibitor Package, Helideck Foam Skid, Gas turbine Generator and Pipe supports in MDS.</li> <li>Interaction with Team members schedule the work based on priority.</li> <li>Attending model reviews with clients and convincing client with satisfactory resolutions.</li> <li>Co-ordination with other discipline to resolve the received queries.</li> <li>Squad checking of Vendor drawings and inter discipline drawings.</li> </ul> <p>Also involved in final Isometric Checking and P&amp;ID Yellow / Blue-off activities.</p>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p>	<p>Sr. Designer / Checker – Piping (11<sup>th</sup> Jan '10 to 9<sup>th</sup> Jul '10)</p> <p><b>Saipem Triune Engineering Pvt. Ltd.</b> New Delhi</p> <p>NHRC: <b>Offshore Platform</b> – ONGC (EPC Contractor – EOSSL), (Location – Mumbai High, India) Foroozan Development Operations &amp; Production Enhancement Project – IRAN, client - PEDCO</p>

	<p>Worked on BROWNFIELD Detailed design for well head module</p> <ul style="list-style-type: none"> <li>• Study the Basic BID Work and FEED documents based on these documents plan the project work.</li> <li>• Piping General Arrangement Drawings, Piping Isometrics and MTO on AUTOCAD.</li> <li>• Interaction with Team, schedule the work based on priority.</li> </ul> <p>Checking of vendor data, respective department's documents/drawings and giving comments on based on piping requirements.</p>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities :</b></p>	<p>Areal Lead / Plant Lead – Piping (13<sup>th</sup> Feb. 06 to 22<sup>nd</sup> Sep.09)</p> <p><b>Fluor daniel Ind. Pvt. Ltd,</b> Gurgaon, INDIA. (Payroll on PROCON)</p> <p>Marathon Detroit coker project, Client- Marathon Petroleum Company</p> <p>Worked as a Plant lead &amp; Isometric co-ordinator for 'Coker' and 'NHT' areas in work share Project with FD Aliso Viejo (AV) office.</p> <ul style="list-style-type: none"> <li>• Leading the team of Designers &amp; Engineers and responsible for Detailed Engineering Activities related to piping.</li> <li>• Responsible for overall man-hour planning, preparation of control level schedule, preparation of drawing room instruction (DRI's) and PDS bulletin.</li> <li>• Review the layout on daily basis and provide the comments to the team members for design development by using SPR.</li> <li>• Co-ordinate with prime office for Air coolers, Feed/sponge oil exchangers, Distillate pumps, quench water storage tank and piperack areas of Coker &amp; NHT units.</li> <li>• Prepare design concepts for internal and client review.</li> <li>• Provide information to team members to start design work and answer to project related queries on daily basis.</li> <li>• Co-ordination with other discipline to resolve received query from prime office.</li> <li>• Preparation of system isometric for cooling water supply and return lines and Extraction of Flare isometrics for Hydraulic calculation.</li> <li>• Provide necessary support in discipline development activities.</li> <li>• Checking of vendor drawings and inter discipline drawings.</li> <li>• Resolve client model review comments.</li> </ul> <p>I GOT THE RECOGNITION AWARD IN THIS PROJECT FOR OUTSTANDING CONTRIBUTION.</p> <p><b>Project :</b> REC Solar grade silicon project , (Moses lake Chemical plant, Washington)</p> <p><b>Responsibilities :</b> Worked in work share Project with FD Aliso Viejo (AV) office, as an Area lead for Fluid bed reactor area (FBR). Scope of work involves detail engineering of the Refrigeration unit (FBR Building), Compressor area, Air cooler and interconnecting Pipe rack for technology structure.</p>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities :</b></p>	<p>Sr. Designer – Piping (1<sup>st</sup> Nov. '05 to 31<sup>st</sup> Jan. '06)</p> <p><b>Technip Italy S.p.A. , Abu Dhabi.</b> (Payroll on SEA STAR, Abu Dhabi )</p> <p>Abu Dhabi Oil Refining Company, Takreer</p> <p>Deputed to site (Al Ruwais, Abu Dhabi) for making the as-built sketches and update the model in PDS for Unleaded Gasoline/Low Sulphur Gas Oil (ULG/LSGO) Project.</p>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities :</b></p>	<p>Piping Specialist (5<sup>th</sup> Jun. '04 to 17<sup>th</sup> Jun. '05)</p> <p><b>Sazeh Consultants (Engineers &amp; Constructors),</b> Tehran - IRAN</p> <p>EDC / VCM Plant, APC – IRAN, (Plant Capacity: 343200 T/Y VCM, 329300 T/Y EDC )  PVC – Polymer Vinil Coloraid, EDC – Di Coloro Ethane, VCM – Monomer Vinil Coloraid Client  - National Petrochemical Company (NPC).</p> <p>Worked in petrochemical project as a Piping Specialist , I was involve in Design Area Development of the Piperack, EDC Cracking &amp; Incineration, VCM purification, EDC Product Storage Tank area in PDMS. Including finalization of Equipment Location , Squad checking of vendor and inter discipline drawings, Piping Transpositions, Nozzle Orientations, Pipe routing and Preliminary Support arrangements.</p>
<p><b>Position :</b></p> <p><b>Company :</b></p> <p><b>Project :</b></p> <p><b>Responsibilities :</b></p>	<p>Sr. Designer - Piping (17<sup>th</sup> Aug. 98 to 4<sup>th</sup> Jun. 04)</p> <p><b>Fluor daniel Ind. Pvt. Ltd,</b> Gurgaon, INDIA.</p> <p>Low Sulphur Mogas Project, Exxon Mobil, (Baton Rouge, Louisiana – Houston)</p> <p>Involved as Piping Designer for the work share project with FD Houston. I was deputed on an assignment to FD-Houston USA for 4-1/2 months. During this phase, I was involved in Design Area Development of the Air-coolers, Piperack and PSV's Piping including finalization of Equipment Location Plan, Piping Transpositions,</p>

	<p>Nozzle Orientations, Pipe routing and Preliminary Support arrangements, using OPTIMEYES 3D Software Tool, during the FEED Stage of the Project.</p> <p>In FD India, my responsibilities included 3D-PDS Equipment modeling, Piping designer, squad checking of vendor and inter discipline drawings, preparation of stress isometrics and Fabrication Isometrics. I got 5 Awards in this project for Value awareness program.</p>
<b>Project :</b>	Low Sulphur Gasoline Unit – Canada, Client - Sunoco (Feed Scope)
<b>Responsibilities :</b>	Workshare Project with FD Calgary, for Interconnecting Pipe rack and Reactor Separator and stripper feed bottom drum and exchangers area. Work Includes PDS-3D Equipment modeling, Piping modeling, Squad checking of vendor and inter discipline drawings, Interference checking. And P&ID drafting for ISBL and OSBL unit. Extracting of piping Isometrics. Checking of Isometrics for Stripper and Overhead System Area and Feed surge drum Area.
<b>Project :</b>	Athabasca Oil Sands Downstream, (Shell Canada Ltd.)
<b>Responsibilities :</b>	Worked as a Piping Designer in the Residue Hydrocarbon Unit for the work share Project with FD-Calgary. Work involves developing of Equipment Layout & Piping Layout. Modeling Equipment & Piping on PDS. Piping for Columns, Heat Exchanger & Horizontal Vessels. Extraction of Isometrics using Isogen, extracting 2-D drawings from the 3-D models. Squad Checking of Vendor Drawings.
<b>Project :</b>	BP Oil, Queensland Clean Fuels Project. (Hydrocracker Project - Australia).
<b>Responsibilities :</b>	Worked as a Piping Designer for the work share project with FD Calgary. I was responsible for the PDSEquipment modelling, Piping Designing, Extracting Isometrics for stress analysis purpose and for finalfabrication.
<b>Position :</b>	Draftsman – Piping (10 <sup>th</sup> Dec. 97 to 11 <sup>th</sup> Aug. 98)
<b>Company :</b>	<b>Daelim E &amp; C India Pvt. Ltd.</b> , Gurgaon, India
<b>Project :</b>	HDPE & PP UNIT, (Calcutta, Haldia) Power Project, (Kayamkulam, Kerala)
<b>Responsibilities :</b>	Preparation of Piping Layouts, Nozzle Orientation, Vessel Trim, Isometric & Bill of Material.
<b>Position :</b>	Jr. Draftsman – Piping (26 <sup>th</sup> Aug. 96 to 9 <sup>th</sup> Dec. 97)
<b>Company :</b>	<b>Lurgi India Co. Private Limited.</b> , New Delhi, India
<b>Project :</b>	Sorbital plant of starchem industries. (Pondicherry, India) BENZENE and BUTADIENE Unit, (Calcutta, - Haldia)
<b>Responsibilities :</b>	Preparation of piping study layout, General Arrangement Drawing, updation of Equipment Layout as per client comments, Nozzle Orientation, Vessel Trim, Piping Isometrics for IBR approval & Bill of Material.
<b>Position :</b>	Apprenticeship Trainee – Mech. (17 <sup>th</sup> Oct. 94 to 16 <sup>th</sup> Oct.95)
<b>Company :</b>	<b>Engineers India Limited.</b> , New Delhi, India
<b>Project :</b>	VDU Revamping Project, (Mathura Refinery, India) CRU UNIT, (Panipat Refinery, India)
<b>Responsibilities :</b>	Preparation of Nozzle Orientation, Vessel Trim, Piping Isometrics and Bill Of Material.