**GREEN FIELD PROJECT MANAGEMENT (FM CG Food):**

* Green field project executed - 300000 sq ft, 280000 sq ft, 50000 sq ft ,100cr, 80 cr and 25 cr respectively.
* planning and scheduling of the project
* Good experience in DPR formulation, project lay out/plant layout in line with ISO 22000,BRC requirements
* Finalization and Design of Project site lay out
* Plant and machinery layout includes utility layout
* Obtain the best supplier base ,use of internal and external resources
* Tracking activity against project plan
* Monitoring budgets vs. actual expenditure
* Maintaining and completing  project key performance indicator
* Organizing and facilitating the project  meeting-
* Utility capacity analysis as per the plan/ budget and selection of vendors and finalization etc-
* Client progress meeting on and off site, cost control, invoicing, variation claims, invoice payment resolution and condition of contract .Worked closely with other departments to promote overall effectiveness
* Executed 4 number green field project for FM CG food as GM project.
* Experienced in project utility ,machinery procuring for FMCG –Food industries
* Good practical knowledge in 33 KVA, 11 KVA HT line yard design, LT substation panel board design, capacitor bank , LT distribution system to sections( end point), internal power line lay out etc
* Capital goods machinery selection, negotiation considering technical aspects and productivity, ROI calculation.
* Project cost variance analysis with reasons
* Project-Internal external drainage system, water recirculation system, Solid waste disposal system,
* ETP of 200000 capacity lay out and execution, Water treatment plant of 50000 lit/hr 50000lit/hr RO plant
* Multiple compressor of capacity 150HP commissioning
* Fire hydrants, fire fighting equipment for 3lacs carpet area plant, and commissioned in 5 no of plants.

**Manufacturing line installed and commissioned :**

**Ready to Eat**,- 3 lines – (4 trolley x 3 no autoclave retort )- 300 tons/ month capacity

Manufacturing process- The Vegetables, leaf vegetables cleaning, Peeling, blanching, Pulverizing, Cooking, cooling, Packing, Retorting, KMG international Retort operation, its utility and Lee pack auto retort pouch packing machine operations etc. Products- Aaloo motar, mix vegetables, motor paneer, palak paneer, payasam, Navaratna kurma etc

**Ready to cook :-** 400 tons/ months capacity installed and commissioned

Manufacturing process and packaging for poha, upma, gravy –different variety, chutney

**Paste :- Ginger, Garlic, Tamarind, Chutney of different variety. 1000 tons/ month capacity installed and commissioned automated system**

**-**Receiving, cleaning, sorting, de podding, grading, segregating, washing, grinding, blending for paste manufacturing, Raw garlic clove peeling etc – automated lines

**SAUCE:- 700 tons capacity machinery installed and commissioned- automated lines**

(Chilli, Soya, Tomato ketchup , snack sauce, ,8-8 sauces, Vinegar etc ) recipe development and manufacturing process( by pulping, pulverizing, pasteurizing, cooking, homogenising, and its automatic glass and pet bottling, packaging Line.

**Gherkins-** capacity handled- 1000 tons/ month

Receipt, production, preservation , dispatch , canning , bottling etc

**WAFERS & CHOCOLATES: capacity installed and commissioned -20000 tons/year**

**Wafers:**  Wafer manufacturing and development (Good knowledge in HAAS-Austria, Forma Makina-Turkey- ovens, Arc an & HAAS enrober, book cooler, Wafer cutter-Forma Makina & Gocmen Sheet cooler, Gocmen cream spreader, wafer stick ovens-Masima, Indonesia. packing machines from china/India . (Batter making, cream making, book cooling, cutting, enrobing and packaging, wafer rolls manufacturing ,its cooling and packing).

**Milk Chocolates/compound**: Mixing, Refining, concheing , molding , shell molding, one shot molding, Packaging, using imported machines from Aasted, Memak, Buhler , Netzsch ball mill etc

**BEVERAGES: (experience in RTS, juice line, liquid pet/ glass bottling line, Squash) – capacity installed and commissioned -1000 tons/month**-

Good practical experience in auto bottling line, capping, labelling, deaeration, pasteurization, carbonation, blending, filter press, and the juice manufacturing and squash manufacturing line.

**Ready to serve beverages**: Mango drinks, Lime drinks, litchi drinks, etc manufacturing process, Packaged drinking water, Pasteurizing, deaeration system, blending and carbonation system, bottling, filter press etc. Squash recipe development and manufacturing process.

**Handled entire juice manufacturing,** bottling line - consists of BOTTLING LINE. CAPING, LABELING,PACKING –Entire line.

**PET bottle moulding,** pre form –moulding machine operation

**TEA: Handled blending, packing capacity -50000 tons/year**

Manufacturing at Gardens, blending of teas, flavouring of teas, Packaging of teas, Tea bags manufacturing and packaging

**Pickles, Handled, installed, commissioned -10000 tons/year**

its recipe development and its manufacturing process by fruit washing, cutting, mixing and its bottling, packaging).

**Jam** manufacturing process.

**Canning l**ine-pineapple ,gherkin, etc

**Tooty fruity** : Manufacturing process and packaging,

**EQUIPMENT EXPOSURE (Handled and new line commission)**

**Utilities and production line machinery:-**

**Handled, on site installation and effectively commissioning of the Utilities,** these are: Water treatment Plant 80m3, RO plant-50m3 . Cooling tower of 400 TR x 3, Boiler -5 tons, Chillers plant, 400 TR air conditioning plant, Cooling tunnels, 10x2 MT Propane gas storage tanks , Air compressor 180 HP, AHU system, Hygiene systems, Crate washer , Lifts , 2000kva,1500 KVA Transformer, HT lines , vacuum packing, Hygiene stations, ETP- 120 M3 CAPACITY .

Handled, **on site installation and commissioned the beverage lines,** the equipment are: Water Treatment Plant, RO plant, CIP system, sugar dissolver, Pasteurizer, de-aeration system, blending and carbonation system, auto bottling, auto capping, auto labelling, filter press etc.

**Good practical knowledge on installation and commissioning of** **Ketchup, Chutney and sauce line,** the equipments are : Pulper, Pasteurizer, Heat Exchanger, different Cookers with agitators , Homozonizer ,Auto bottling plant, auto capping, auto labelling, Different types of PUMPS, Water circulated Vacuum pump, Blenders, mixers etc

**Chocolate Manufacturing Line**: Chocolate refiner, Conches, Ball mill, Pulveriser, Netzsch Ball Mill, Mixer, Chocolate moulding line, shell moulding line , one shot moulding line, 30 KL, 20KL, to-2 KL storage tanks with agitators, packing machines

**Wafer Lines:** HAAS and Forma Makina ovens, enrobe, book cooler, Wafer cutter, Sheet cooler, wafer stick ovens. packing machines

**Pickle line**: Installation and effective commissioning of the entire line machineries for pickles of 1000 tons capacity per month. Machinery are in line: Rotary Fruit washer ,Fruit cutter, fruit slicer, mixer, Homogenizer, Rotary bottle washer ,packing / bottling machines, packing machines, multi track packing machines,

**Ginger, Garlic c**leaning machines, blancher, peeler, paste lime machines- commitrol for capacity-1000 tons per month

**Good Practical knowledge on canning the machinery** are: the blancher, the filler, media filler, seaming, retorting, pasteurizing ,blower and packing etc

**RTE**- Retort of KMG international, Ferolo-Spain-Installation and commissioning, Retort product packaging, manufacturing equipment-kettle, peeler, pulveriser, cutter, pulper ,blancher , Retort pouch packing-Lee pack etc

**RTC**: Poha , UPMA equipment, fryer, de stoner, mixer etc

1. 30 years of Food manufacturing /operations exposer in different company of repute
2. 15 years of large size Green field project execution (state of art ) for FMCG Food products,
3. 7 numbers of large size new factory set up ,from green field to commissioning/ smooth operations of factory

Education – An mechanical engineer ,

MBA-finance,

Post graduate Diploma in Operation,-IGNOU

Diploma in packaging –IIP Mumbai

* An Mechanical Engineer with 30 years of experience in FMCG–Food, manufacturing, Production planning and control, Operations, Maintenance, Project Execution, Financial Management, Quality Assurance, and Cost Reduction.
* Strategic Planner & Implementer with experience in directing the functioning of Production & Manufacturing processes while focusing on profitability, quality, safety, cost, customer satisfaction and delivery functions by ensuring optimal utilization of resource..
* Excellent understanding and practically handled the ISO22000, BRC, HACCP, JIT-MRP ,TQM, system, GMP, GHP, TQM, KAIZEN as well as SOP preparations. FSSI Rules
* Executed 5 no of green filed FMCG-Food project 280000 sq ft carpet area, 300000 sq ft carpet area projects.
* Exhibited excellence by directing & executing operations of 4 manufacturing facilities (Kolkota, Gujarat, Karnataka of turn over 1000 cr.
* Handled food processing plant manufacturing capacity of 30000 tons per year and 50000 tons capacity .
* Performance-driven Manager with excellence in working with product line management, engineering, service & other departments to incorporate best practices into the manufacturing environments to implement manufacturing, inventory control that ensures availability of materials in accordance with demand schedules

**MAINTENANCE MANAGEMENT**:

Good knowledge on both Mechanical and electrical activities.

Machine maintenance scheduling, daily, weekly, monthly, Yearly. AMC for different machinery, where ever required

Preventive maintenance scheduling, Maintain the engineering store with required spare parts to attain the break down.

Minimizing the down time of the machine due to break down, Identify the root cause of the break down.

Design maintenance programme and conducting desired training to maintenance people for increasing their skill and knowledge.

Building up maintenance team, both electrical, mechanical

Up keep of the production line and electrical installations for continuous power supply and obtain the productivity through machines.

New development for increasing the productivity and its machinery installation of production line and equipments.

Up keep of the utilities like- RO plant, WTP plant, DG set, ETP plant, Compressors, Boiler, cooling tower different electrical panel boards, including main panel board and breakers.

Atomization of line for reducing man power and increasing productivity.

Adhering the safety standard of the installed machinery and necessary training to the people associated with it.

**At Butterfly Ayurveda pvt Ltd= Head Operation-Guru gram –NCR Delhi**

* Responsible for installation of machinery 6 production lines for syrup ,capsules and herbal products 2000 tons per year.
* Responsible for smooth commissioning of the production line and plant as whole, within targeted time and cost
* Developing the manufacturing plan and establishing SOP for maintaining high standards of manufacturing operations to ensure that products conform with established customer and company quality standards
* Structuring & implementing stage-by-stage Quality Monitoring System through latest technology trends to ensure adherence to technical specifications and benchmark the quality standards
* Planning & budgeting and its analysis and plugging the gaps, in bringing efficiency in operations for improving quality standards .
* Responsible for the entire maintenance of the Plant ,process machinery and utilities – AHU, Chillier, ETP, compressor, etc
* Responsible for techno commercial activities of the entire operations.
* Responsible for BRC/ISO 22000 Standard factory maintenance, HACCP,GMP,GHP,TQM implementation
* Implementation of JIT and MRP for the cost effective manufacturing and inventory control

**AT Desai brother Ltd( Food Division) ,Sr GM Operation and Projects(Technical)-5 .6years**

**Role- Green field projects executions and multi plant operations( Food processing and Beverages)**

Highlights:

* Ensured **COGS** are within budget for the assigned plants
* managed budgeting, manufacturing, quality control & assurance, finance & accounts
* implemented cost control strategies and JIT MRP, Bench Marking of the operations at various points
* **Undertook & accomplished Green Field Project of 300000 sq. ft. and 120000 sq. ft**. Automated Food Processing Plant.

Contributed towards the following activities related to Green Field Project Management:

Execution of state of art Green Field Projects for FMCG Food at Kolkota, Gujurat

DPR Formulation, Project Layout/Plant Layout in line with ISO 22000, BRC requirements

Project utility and machinery technical analysis, capacity analysis, selection of machinery

Machinery installation, commissioning in the projects

**Role**- Manufacturing &Operations:-

1. Deploying various methodologies to analyze processes, recommending reengineering of the manufacturing process to minimize escalations & rejection, realize operational efficiencies, control costs and cycle time
2. Developing the manufacturing plan and establishing SOP for maintaining high standards of manufacturing operations to ensure that products conform with established customer and company quality standards
3. Structuring & implementing stage-by-stage Quality Monitoring System through latest technology trends to ensure adherence to technical specifications and benchmark the quality standards
4. Debottle necking the production line (machinery) and execution strategies/plans in order to achieve the organizational production goals and targets.
5. planning & budgeting and its analysis and plugging the gaps, in bringing efficiency in operations for improving quality standards & achieving maximum cost savings

**At Dukes Products (India) Limited, Hyderabad:** 5 years –

**Role-Green field project execution and Factory operations.**

Accomplishment:

* Designed and executed green field plant lay out for 280,000 sq feet project , machine, utility selection and layout for INR 120 Cr. budget for a 35**k tons capacity chocolate & wafer plant.**
* PLANT OPERATION –
* Budgeting and its monitoring and plugging the gaps by taking different measures
* Oversee manufacturing, Biscuit, chocolate and wafers and packaging of plant capacity 35000 tons per year
* Cost effective production, controlling the per kg cost of production and kg produced per head
* Responsible for Production Planning, scheduling and implementing preventive maintenance to ensure optimum equipment availability.
* Wastage control
* Logistic planning and scheduling for finished goods despatch across the country and its control
* Manage workforce of 550 employees including labour; maintaining discipline and ensuring smooth employee relations to achieve uninterrupted operations in the units.
* Holding negotiations with workers for effectively resolving HR-related issues.
* Responsible for techno commercial activities
* Responsible for reengineering of the production line for better productivity,
* Responsible for up keep of the plant and machinery – Equipments and Utilities
* Responsible for BRC/ISO 22000 Standard factory maintenance, HACCP,GMP,GHP,TQM implementation
* Implementation of JIT and MRP for the cost effective manufacturing and inventory control

**At Nilons Enterprises Private Limited, Guwahati**(5years)-

***Role:*  Looking after Guwahati Operations-Food processing and Beverages manufacturing**

* Serving as Head (Operations) for the N.E. region. Led a team of 60-member team, including 10 direct reports and handled work related to factory operations , **(manufacturing of ketchup, sauces, soya sauce, chilli sauces , vinegar ,pickle, squash ,jam, litchi drinks, RTS beverages)** purchase, quality assurance, maintenance, contract farming for 8000 tons of vegetables, accounts, HR, Statutory and liaising etc of NE region
* **Handled 2 no of manufacturing units at NE region of plant capacity 10000tons/year for pickle and 5000 tons per year for sauces and beverages,**
* Production Planning, scheduling and implementing preventive maintenance to ensure optimum equipment availability.
* Logistic planning and scheduling for finished goods despatch across the country and its control
* **Managing workforce of 800 employees including labour**; maintaining discipline and ensuring smooth employee relations to achieve uninterrupted operations in the units.
* Responsible for techno commercial activities

Achievements:

* **Increased turnover from INR 8 to 30 crore via NE business growth, improved productivity 13%** by streamlined operations & increased plant availability.
* Initiated **addition of 2 new manufacturing lines/ facilities by contributed 25% to the top line** and managed 2 factories with cumulative plant **capacity of 10K tons p.a**. and utilized capacity of 8K tons p.a.
* **Rolled out new product *‘RTS beverage’*** by handled product development to marketing.
* Significantly run technical and administrative functions of 2 food processing units; **turned them from loss to profitable units within 2 years.**
* Achieved reduction in the **wastage to 2.8% from 5.3% both in packaging and raw materials in 3 years.**
* **Ef**ficiently handled process enhancement, optimum equipment availability planned procurement, managed wastage, inventory & budget control, **thus saved 10% cost in 2 years**.
* Successfully **implemented the techniques of JIT & MRP systems in units**, resulted in the enhancement of the process productivity by 13%.

**At Newby Teas Overseas Private Limited, Kolkata**: Role and achievements:

* Headed a team of 125-members production team included 5 direct reports and managed overall technical & administrative aspects to oversee operations and project management activities.
* Significantly contributed bottom line by 4% YoY and led a project called green field from start to Go live.
* Established 100% EOU tea plant composed of facility for tea packaging, blending and flavouring within 180 days of operations initiation.
* Achieved 60% of the total production target within 6 months of launch of operations by implemented ABC analysis, JIT and MRP system for inventory management.
* Factory set up, installed & commissioned 25 machines in the plant within INR 50 crore budget in 10 months timeline of 1 year provided.
* ‘A’ grade certificate for the factory in BRC and 90% in ISO 22000:2005 within 6 months.
* Stellar in implemented Quality Assurance, TQM, Food Safety, ISO 22000, HACCP Management Systems, GMP, BRC and GHP in the unit within 6 months.

**Godrej Agrovet Ltd- 4 years**

* Responsible for handling the operation for 15000 tons/ year
* Handled 3 ware houses of 200000 sq feet each at Kolkota
* Handled 3rd party production of 10000 tons/ years
* Handled Supply chain ,includes pan india logistics for the said operation
* Handled HR and Admin ,
* Handled internal and external audits of the company for the said operations

**At Dun Cans Industries Limited, North Bengal , Kolkata ,** manufacturing and 12 years in operations, blending, packing etc)

Role in Tea gardens:

* Responsible for daily worker handling for the allocated section of the garden for tea leaf plucking.
* Responsible for maintain the tea bushes for quality and better output of tea leaf.
* Assist in tea processing plant (from green leaf to tea) for one year.

Role in tea blending/packing/ware housing /Distribution of Bulk and package tea :

* Reviewed the process and applied productivity improvements techniques, undertook plant automation wherever required by adding new machinery to reduce the manpower and cost.
* Handled 50000 ton capacity PLANT .

HR:

* Maintained discipline and smooth employee relations.
* Negotiated with CITU unions for effective resolution of their grievances.

Major Achievement:

* Achieved reduction in the Packaging cost by 10 % by process control and introducing new lines ,
* Material wastage by 1.1% by following ABC analysis, Process control, proper storage.
* Primary Distribution cost by 3% as well by introducing new transporter, load ability, routing