



EXCEL
ENGINEERS & CONSULTANTS

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Corporate Office :

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Excellence Is Our Vision, Mission And Quality Policy

INTRODUCTION

We would like to introduce our organization Excel Engineers & Consultants, a Crisil Rated company has transformed from a "Fast Growing Technology Company to an Established EPC Company" in Distillery & Bio Ethanol Industry and **enjoys more than 50% market share in India with Annual turnover of INR 250 Cr.**

Excel Engineers & Consultants, Pune- India is a technocrat driven organization having more than 2 decades of proven background as a technology solution provider in the field of **distillery, bio fuel, sugar, cogeneration, water, waste water and renewable energy industries.** Our Client list includes many reputed organizations across India who have been more than 100% satisfied by our technology, products and services and we have received repeated orders from majority clientele.

Excel offer services right from concept, design to commissioning with modern plants, custom build to meet individual client requirements. Excel has developed in house "E-max" Process Technology and pioneered plant designs to reduce energy consumption, effluent generation and increase efficiencies with low water foot prints. Excel uses latest 3D design software's like Cardworks, AutoCAD and simulation software's like Chemcad, Aspen & other Propriety Software's for designing and modelling of plants and equipment.

We have our head office in Pune INDIA., also decentralized the manufacturing, project execution and technical services Pan India and operate from regional offices of Belgaum & Bangalore in South India & Delhi & Lucknow in North India.

We have full fledged workshops for equipment manufacturing in Chakan MIDC, Pune, Gokul-Shirgaon MIDC, Kolhapur (Maharashtra) in association with leading Equipment Manufacturer & also in Panki UPSIDC, Kanpur (Uttar Pradesh) which controls and improves delivery cycle.

Our extensive client list includes many reputed companies like Jubilant Life Sciences, DCM Shriram Group, EID Parry, Shamanur Pharma & Sugar, Dalmia Group, Bajaj Hindustan, Globus Spirits Ltd, Baramati Agro, DIAGEO, NSL Group, Nirani Group, Haritha Bio, Godavari Biorefineries Ltd, Dhampur Sugars Ltd, Balarampur Chini Mills Ltd, Parle Biscuits Ltd, Uttam Sugars Ltd, Dwarikesh Sugar, Hermes Distillery Ltd, Radico Khaitan, LH Sugar, IFB Agro Ltd etc. Excel has been exporting technology and plant & equipment to Indonesia, Thailand, Philippines, Mexico, Spain, UAE, African continent regularly.

Recently Excel has been awarded Dr. P. J. Manohar Rao Gold Medal for "Excellence in Co-Products" at STAI's 77th Annual convection. This award to team Excel is in recognition of outstanding work in developing the innovative "E-Max" technology which support the production of high quality Fuel grade and Natural Alcohol by using lowest possible utilities and also achieving Zero Liquid Effluent Discharge (ZLD) and water foot print. Further, Excel Engineers and Consultants is highly committed to fulfil the customer requirements and provide the offerings as below:

- Process Technology Solutions and Process deigns and basic & detailed engineering.
- Technology Upgradation & Retrofitting of plants and equipment.
- Turnkey Plants & EPC Projects.
- Project Feasibility study & Technical consultancy.
- Project Management Service and supervision.
- Troubleshooting and O & M Service and Operator training .



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• **LATEST TECHNOLOGIES & SOLUTIONS**

Excel has recently diversified and expanded it's operations to serve the process industry for managing environmental systems with cutting edge proven technologies and expertise. Excel has indigenously developed "E-max" Technology for waste treatment, water recycle, waste to energy products, multiple effect evaporation system and drying technology.

Excel has also entered into Technology Tie up for advance Waste Water Solutions with two European Technology Providers recently for munisple sludge / press mud Bio CNG production and high efficiency Anerobic treatment with recirculating biomass .

We are also pleased to introduce our efficient & proven process engineering and biopharma equipment along with proven technologies like waste to energy products, waste / slop boilers, waste solvent Recovery System, Multi Effect Evaporator (MEE) Plants, ATFD, Dryers, Water & Waste Water Treatment Systems and 3 stage RO systems.

Typical pictures of Excel Installations:-



Bio-Reactors



Automatic Liquid Filling Machine



Multi Effect Evaporation (MEE)



Dryer



Condensate Polishing Unit (CPU)



MEE with ATFD



3-Stage Reverse Osmosis (RO)



Solvent Recovery Plant

Area of Expertise and Solutions

- Biopharma Process Engineering
- Bio Pharma Equipment
- Pharma Reactors and systems
- Multiple effect evaporators of all types
- ATFD system and incinerators
- Chemical Recovery Plants
- Solvent Recovery Distillation
- Refinery & chemical reactors
- 3 Stage Ro system with UF etc.
- Water & Waste Water Management
- Anaerobic, aerobic systems, Biofilters
- Zero Liquid effluent discharge system

Quality Assured Manufacturing

- ISO 9001 : 2008 Certified
- Manufactures according to stringent International Standards & codes
- Conforms to International Codes ASME, TEMA, API, IEE, ISA etc
- Manufacturing Supervision & Inspection by TUV-INDIA



Manufacturing Facility

- Well established workshops in Pune, Kanpur & Kolhapur PAN India
- 100% Inhouse fabrication capability
- Modern Facilities with CNC machining, drilling, bending, expanding, cutting, Expanding, auto welding etc
- Stage wise inspection by TUV / other TPI agencies
- Regular Export of equipment
- Large equipment fabrication capability
- More than 10,000 equipment delivered



EXCEL – PUNE HEAD OFFICE



EXCEL – PUNE WORKSHOP

Excel Business Portfolio

- Distillery & Bio Fuels Plants.
- Brewery and malt spirit plants
- Starch, food, fruit and dairy processing.
- Pharma and Biopharma Industry
- Solvent & chemical recovery plants
- Heat and mass transfer equipment
- Water & Waste Water systems
- Zero Liquid Discharge systems
- Biomass /waste to Energy / renewables

Inhouse Research & Development

We believe in growth through innovation & technological advancement. We have a full-fledged in house R & D set up having world-class facility including testing equipment, Prototype, Pilot plants & Shop floor plant installations in order to validate product performances.

Process Design & Engineering set up

Customs designs and state of the art process engineering are hallmark of Excel's references engaging chemical, mechanical, automation and civil & structural engineers with latest software's and design tools.

State of the Art Fabrication Facility

Along with the customised design solutions., Excel has fabrication facilities PAN India to deliver custom built products and plant equipment with best quality standards and with quick delivery cycle.

Project Management & EPC Projects

Vast Experienced project and construction team with heavy machinery and tools, will assist clients in smooth execution and commissioning of the modern facilities as per standard designs and specifications in quick project period on EPC basis.



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