PRAXSOL ENGINEERING
SOLUTIONS | SERVICES | SOCIAL













PRAXSOL ENGINEERING PRIVATE LIMITED
COMPANY PROFILE

SK CREATIVE WORKS

ABOUT US

Praxsol provides engineering solutions globally, blend of traditional and next generation engineering services. We adopt imperative to be very agile, responsive, consistent, cost effective and sustainable for the future, through customized and strategy driven solutions. Industries served are iron, steel, mining, power & energy, food processing equipment, bakery equipment, dairy equipment, vegetable processing, ready meal equipment and food processing logistics solutions with packing, agricultural equipment including farm equipment.



OUR VISION

Do the small things right to big things happen, once right things do for a customer, we hone it to perfection till we know our customers are delighted.

OUR MISSION

To deliver engineering excellence for a better societies through effective collaboration and partnerships built on integrity.

OUR CORE VALUES

CUSTOMER CENTRIC
Customer satisfaction is Praxsol true goal.

SOLUTIONS FOCUSSED
Effective solutions to challenges with Quality and Safety.

RESPONSIBILITY
Gain trust by demonstrating integrity, practice ethics, honesty and reliability.

SK CREATIVE WORKS

BUSINESS SEGMENTS

PLANT ENGINEERING SERVICES

- Conceptualisation of plant facilities in 3D
- Project Setup & Database Creation
- Intelligent 3D & Walk through models
- 3D model reviews – 30%, 60%, 90% progress & clash free model
- Integration of all disciplines like Equipment, Piping, C&S, E&I
- Stress Analysis for Steam Lines (CAESAR Analysis)
- Piping Detail Engineering – PGAs, Isometrics extraction, Pipe supports drawings, BOM extraction
- Piperack design and detail drawings





PRODUCT ENGINEERING SERVICES

Praxsol has deep domain design expertise in new product developments, Poultry Processing Equipment, Fish Processing, Bakery Processing, Vegetable Processing and other areas like packaging equipment and material handling.

- Convert concept into Design & Engineering for New Product Developments
- Improve existing Products - Product Variants / Product Facelift
- Advanced Sheet metal Design

REVERSE ENGINEERING

- Praxsol Laser 3D scan to Intelligent 3D model digitization would beneficial for plants where brownfield modifications, expansions, revamping and retrofitting is required.
- Generates As-Built information like complete digital specifications, piping, structures, buildings through which P&IDs, Isometrics, MTOs, GA drawings can be created.
- Praxsol also creates design and manufacturing drawings from physical sketches collected from plants or from scanning data of parts
- Our Reverse Engineering process provides the clients CAD files wherever part / assembly drawings are not available.





MATERIAL HANDLING SYSTEMS

- Concept to Commissioning
- Preparation of Plant Layout and Conveyor Profile
- Belt Conveyor design calculations in IS & CEMA standards
- Technical recommendations and vendor evaluation, offers review
- Conveyor Mechanical GA drawings with Load Data
- Design of Conveyor Gallery and Trestles using STAAD Pro
- Transfer Towers Mechanical GA drawings with Floor Plans

RESEARCH AND DEVELOPMENT

Praxsol leverage product & service research and development in business to create customer-centric solutions through agile and efficient engineering.

Industry is witnessing a shift from product R&D to services R&D.

At Praxsol R&D Services, we partner with our customers in building world class products & services



SK CREATIVE WORKS

BUSINESS SEGMENTS

CIVIL AND STRUCTURAL

- Analysis & Design of Steel Structures
- Connection design
- Preparation of Structural GA drawings
- Preparation of steel structure detail fabrication drawings
- Design of RCC Structure based on load reactions
- Open foundation design & details
- Pile Foundation, Pile Cap, Pedestal design & details





RENEWABLE ENERGY & DECARBONIZATION SOLUTIONS

We are dedicated to staying ahead of the latest technology trends and are currently looking to diversify into emerging fields like green hydrogen. With our extensive experience in engineering services for both domestic and international clients.

We see great potential in combining our expertise, opportunities, and aim to develop cost-effective solutions in green hydrogen production and are particularly interested in leveraging our capabilities to drive innovation in this rapidly evolving sector., leveraging our strengths to meet India's growing energy needs efficiently and responsibly.

INDUSTRIAL SOFTWARE SOLUTIONS

Praxsol, will be your digital partner for sustainability and efficiency of Key Industrial Assets to plant level, accelerates the digital transformation for buildings, infrastructure and industry to create a smart and green future, empowering all users with a seamless and collaborative dataflow across the entire lifecycle, from design and build to operate and maintain.

- Our approach includes use of Industrial AI, and ML analytics, AR, VR and Industry 4.0.
- Uses of Asset Performance Management,
- Optimize performance of critical equipment
- Increase availability of assets and avoid process upset condition



INDUSTRIES WE SERVE

IRON, STEEL MINING	POWER AND ENERGY	FOOD PROCESSING EQUIPMENT	BAKERY EQUIPMENT	AGRICULTURAL & FARM EQUIPMENT	FOOD PROCESSING LOGISTICS & PACKING
Civil, Structural Piping	Ethanol & FGD	Safe and Secure	Smarter Connections	Lower Latency	Faster & Efficient

SK CREATIVE WORKS

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ABOUT FOUNDER

Mr. Satya, Founder Director of Praxsol Engineering worked about 24 years with international companies providing Design & Engineering and R&D services.

Praxsol with his passion encouraging Innovation and creativity at workplaces, applications of Artificial Intelligence, Industrial Internet of Things introduced in R&D services with their Tech labs to support advancing companies.

He has experience in value-based product development, plant engineering services, customization, downstream engineering, in virtual Engineering.

In his long career in mechanical engineering field, associated with various multi-national companies in Singapore, USA, UK, Germany, Netherlands, and India in various capacities.



WHY CHOOSE US

- Access to complex engineering services
- Significant reduction in engineering costs
- Faster turnaround time on key project
- Can devote time and resources to growth
- Higher your client satisfaction
- Can use services as-needed basis

OUR CLIENTS

TATA STEEL
AM/NS INDIA
TATA
adani
vedanta
DANIELI
BEUMERGROUP
DASTUR
L&T Energy
JCL
HAMtek
SARDA
HARSCO METALS & MINERALS
IPS IRON POWER STEEL
ARJAS STEEL
FAM
HOLTEC
BTL EPC LTD.
praj
TEN TECHNIP ENERGIES
ISGEC
DURCON
AVANT-GARDE
WAVE industries
LAURUS Labs
RANK









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