

JJ ENGINEERING & ENTERPRISES

We deliver excellency

No.16C-2, Annai Athulya Apt., Saraswathy Street, Pari Nagar, Anakapthur, Chennai - 600 070.

E-mail : droptojjee@gmail.com / jjayavelan@gmail.com

Ph : 93446 69953 | 95000 48625 | GST No. : 33AORPJ4264Q1Z8

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List of Products / Items:

- Belt Conveyors
- Screw Conveyor
- Bucket Elevator
- Chain Conveyor
- Roller Conveyor
- Tripper Conveyor
- Shuttle Conveyor
- Submerged Ash Conveyor

- Belt Feeder
- Screw Feeder
- Screw Extractor
- Stacker
- Lorry Ladder
- Silo & Bunker
- Ash Conditioner
- Crusher and Screen
- Turn Table



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CLIENT/CUSTOMER REFERENCE LIST:

A. Power Plant Sector

- Manas Nagpur -24 Mw Power Plant
- Dharani Sugar & Power Limited
- EID Parry Ltd

B. Pulp & Paper Sector

- Tamilnadu Newsprint And Papers Ltd.,
- ITC Paper Boards

C. Cement Sector

- Ramco Industries Limited
- Dalmia cements
- Chettinadu cements
- Panayam Cements

D. Sugar Sector

- Arunachala Sugar Mills Ltd
- Jeypore Sugar Co. Ltd,



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LIST OF THIRD PARTY APPROVALS/OEM/CONSULTANT:

1. **Avantigurdu Consultancy (Chennai)**
2. **SPB Projects & Consultancy Limited (Chennai)**
3. **Sitson India Private Limited (Mumbai)**
4. **ARK Engineering & Consultancy (Trichy)**
5. **Cubic Consultancy (Bangalore)**
6. **Mitcon Consultancy (Pune)**
7. **Aquvatherm Consultancy (Chennai)**
8. **Enmas Minerals Private Limited (Chennai)**
9. **TATA Consultancy (Hyderabad)**
10. **SR Projects (Hyderabad)**
11. **Thermax (Pune)**
12. **Rithwik Project Ltd (Hyderabad)**
13. **BRG Energy Systems (Chennai)**
14. **Fivescail KCP (Chennai)**
15. **Ganga Associates (Trichy)**
16. **RK Heavy Engineering (Kanchipuram)**



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A. OFFICE FACILITIES:

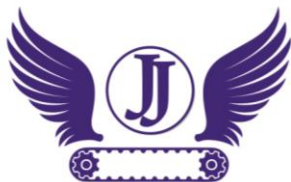
- 24 x 7 Access
- Meeting Room
- Pantry
- Printing
- File Rakes
- Rest Room
- Break out space
- Wifi

B. MANUFACTURING & WAREHOUSE FACILITIES:

- Working Area of about 3 Acres
- 12.5 ton mobile lifting capacity
- Excellent Transport links
- Highly Skilled and experienced workforce
- Fully qualified site staff
- Uninterrupted power supply

C. MANUFACTURING & WAREHOUSE FACILITIES:

- Spacing of grounds,
- Physical structure of a manufacturer for the cultivation
- Harvesting,
- First Aid
- Secured building,
- Packaging,
- Processing,
- Storage.



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LIST OF APPROVED SUB SUPPLIER		
S.No.	Description	Make
1	Motor	Kirloskar/ABB/Siemens/CGL
2	Gear Box	Elecon/Bonfiglioli/PBL/Premium/Top Gear/Triveni
3	Belt	Continental/ Nirlon/ Hilton/Hindustan Rubber
4	Coupling – Input & output	Fenner/GBM / Pempril
5	Bearings & Plummer Block	Masta / ZKL / SKF/FAG/NTN
6	Pull Cord /Belt Sway /Zero Speed	Proto control/ Jaya shree
7	Vibrating Feeders	Ecoman/EMI/ Sayaji
8	Crushers	Ecoman/EMI/ Sayaji
9	Dust Extraction system	Ecoman / Jagadamba
10	Vibrating feeder	EMI / Magnetic Corporation of India
11	OBMS/Magnetic separator	EMI / Magnetic Corporation of India
12	Metal detector	EMI / Magnetic Corporation of India
13	Vibro Feeder	EMI / Magnetic Corporation of India
14	Belt weigher	Schenck process/Precia molen/IPA
15	Electrical & Instrumentation with accessories	L& T Electrical and Automation/ Intech system/Astra Engineering

[A.LIST OF Manufacturing Process with Max capacity;](#)

Ref: JEE COMPANY PROFILE



- Plant and Shop Layout
- Industrial Safety
- Ferrous Materials
- Hot Working of Metals
- Cold Working
- Welding
- Sheet Metal Work
- Fitting
- Metal Cutting
- Lathe Machine

B.LIST OF Manufacturing Process with Max capacity:

- Drilling M/C
- Slotter M/C
- Milling M/C
- Inspection and Quality Control
- Welding M/C
- Mig welding M/C
- Tic weldin M/C,
- ARC Welding M/C,

C. PRODUCT DEVELOPMENT

A product development has to go through the following concepts of product engineering which are given as under. Product functions

- Product specifications
- Conceptual design
- Ergonomics and aesthetics
- Standards
- Detailed design



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- Prototype development
- Testing
- Simulation
- Design for manufacture
- Design for assembly
- Drafting for with detail engineering

1. Business or Financial Management

- Costing
- Sales and Marketing
- Purchase Order Control
- Vendors
- Subcontracting
- Personnel.

2. Factory Level Production management

- Planning
- Production Management
- Manufacturing production scheduling (MPS)
- Material requirement planning (MRP)
- Just in time (JIT)
- Bill of Materials
- Capacity Planning
- Inventory Control.



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3. CIM Technologies

- Computer Networks
- System Design and Analysis
- Distributed Processing
- Database Management Manufacturing
- Modeling and Simulation
- Expert Systems
- Quality Engineering.

4. Computer Aided Design (CAD)

- Variation and Parametric
- Modeling
- Computer Graphics
- Graphic Standards



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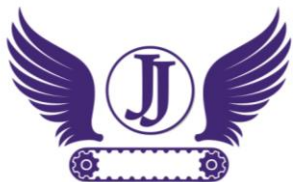
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COMMERCIAL INFORMATION

TYPE OF COMPANY	Proprietor
NAME OF THE BANKER	Cañar bank
I.F.LISENCED CAPACITY INSTALLED	120 Metric Tons
CAPACITY	100 Metric Tons YES
STATE DIRECTORATE OF INDUSTRIES	
NATIONAL SMALL INDUSTRIES	YES



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LIST OF MACHINERIES

S. No.	Description	Qty
1	Drilling Machine	2 Nos.
2	Band Saw pipe cutting Machine	1 No.
3	OXY – Acetylene cutting set	6 Nos.
4	PUG cutting machine	1 No.
5	Tube cutting machine	2 Nos.
6	Drilling machine	2 Nos.
7	Tube cutting machine	1 No.
8	Punching machine capacity 50 Ton	8 Nos.
9	Portable Hand Grinding Machine (Angle Grinder)	7 Nos.
10	Inverter welding machine	4 Nos.
11	Inverter type Welding Rectifier	1 No.
12	Inverter type CO2 Welding	1 No.
13	Diesel Generator (62.5 KVA Tube cutting machine)	1 No.
14	Shearing M/C up to 8 mm width 2000 mm	1 No.
15	Rolling M/C up to 10 mm width 2500 mm	1 No.
16	Bending M/C up to 6 mm width 2500 mm	1 No.
17	Punching M/C up to 10 mm width 2500 mm	1 No.
18	Mobile Crane 12 Mt	Available Load 129 HP
19	Power available 129 HP and LPI kit 1 set	1 set
21	Radiographic and Ultrasonic testing approved external	1200 A

Ref: JEE COMPANY PROFILE



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LIST OF MATERIAL HANDLING EQUIPMENTS AVAILABLE.

- Mobile Crane 12 Mt.
- A Frame.
- Forklift
- Etc...

A) BELT CONVEYOR SPARES

- Idlers
- Pulleys
- Skirt Board
- Internal & External Scrappers
- Deck Plate
- Screw Take-Up,
- Grating & Staircase
- Safety Guards
- Hold Back (External, Pawl & Ratchet Type) Driver Base
- Feed & Discharge Chutes Two way Chutes Conveyor

Belt



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B) BUCKET ELEVATOR SPARES

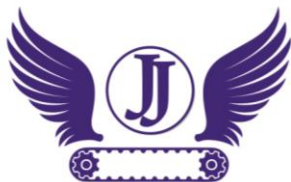
- Bucket Casings Ladder Pulleys(Head & Tail Drum)
- Guide Rollers Shaft Take up unit

C) VIBRATING SCREEN SPARES

- Screen Cloth Eccentric Shaft Counter Weight
Mass Coil Springs
- Anti Vibration Mountings Rubber Beddings

D) OTHER COMPONENTS

- Motors
- Geared Motors Unbalanced Motors Gear Box &
Spares
- Safety Switches and Pull Chord Wire Plummer Block And Bearing
- Chain and Sprockets Pan Conveyor Reddler
Chain Electrical Hoist
- Wire Ropes and Shelves



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LIST OF MEASURING INSTRUMENTS GAUGES MACHINES AND CALIBRATION RECORDS

S. NO.	DESCRIPTION	QTY
1	Vernier caliper, Depth Gauges	4 Nos.
2	Outside inside micrometers	3 Nos.
3	Dial Gauge / Calipers V- Block measuring table Centering devices	2 Nos.
4	Height Gauges, Scribes engineers squares rules and straight edges compass and dividers	2 sets
5	Measuring taps, spirit level and level laser technology	2 sets
6	Gauges	2 sets
7	Plug gauges, Slip Gauges, Gauges Block, Tally counters	2 sets
8	Magnifying glasses / Measuring instruments	1 set
9	Digital readouts / position indicators	2 sets
10	Hardness testers, weighing scales	1 set



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MANPOWER DETAILS

S. No.	Description	Category	No. Of manpower
1	Engineer	Skilled	1 No.
2	Engineer	Semi skilled	1 No.
3	Fitter	Skilled	2 Nos.
4	Asst. Fitter	Semi skilled	5 Nos.
5	Supervisor	Skilled	3 Nos.
6	Welder	Skilled	2 Nos.
7	Welder	Semi skilled	2 Nos.
8	Khalasi	Skilled	3 Nos.
9	Khalasi	Semi skilled	3 Nos.
10	Gas cutter	Skilled	2 Nos.
11	Gas Cutter	Semi skilled	1 No.
12	Helper	Semi skilled	8 Nos.
13	Helper	Unskilled	2 Nos.