

Technical Expertise of Gottigere H. Sridhar



1. Electrical & Sugar Engineering

- Bachelor's Degree in Electrical Engineering (1989).
 - Post-Graduation in Sugar Engineering from National Sugar Institute, Kanpur (1990).
 - Hands-on experience in **power generation, power distribution, and maintenance** in the sugar industry (1990–1997).
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2. Unit Material Handling Systems

Extensive expertise gained at Webb India Pvt. Ltd. (1997–2007):

- Deep knowledge of **Unit Material Handling (UMH) system integration**.
 - Experience working with Jervis B. Webb Company (global UMH leader).
 - **AGV (Automated Guided Vehicle) technology**—introduced AGVs for:
 - Under-body stuffing (engine, axles)
 - Synchronization with automobile assembly operations.
 - Project Management for **Tata Motors' Indica Project** (critical conveyor/AGV systems).
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3. Baggage & Cargo Handling Systems (Airports)

Siemens Ltd. (2007–2010):

- Complete responsibility for design, supply, installation, and commissioning of:
 - **Airport Baggage Handling Systems (BHS)**
 - **Air Cargo Handling Systems**
 - Expertise in:
 - Lift & Run conveyors
 - Elevated Transfer Vehicles (ETVs)
 - Storage decks handling up to **7000 kg load**
 - Major airport projects:
 - Delhi Airport T2 (expansion)
 - Mumbai Airport Terminals 1A, 1B, 1C, T2 B/C
 - **Project Manager for BHS at Delhi T3** (landmark airport project)
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4. Design–Manufacture–Commission Capabilities

Hands-on expertise in **end-to-end engineering projects**:

- Designing
- Manufacturing
- Installation
- Testing & Commissioning
- System integration

Key completed systems (2010–onward):

1. **Baggage Handling System** – Delhi International Airport (International Arrival Screening)
 2. **Overhead Monorail Conveyor System** – Wipro Infrastructure Engineering
 3. **Cold Room Door Integration** with Transfer Vehicles
 4. **Baggage Transfer System** – Bangalore International Airport (Trolley to Arrival Carousel)
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5. Conveyor & Automation Systems

- Concept-to-commissioning expertise in:
 - Conveying systems
 - Automated material movement
 - Integration with production environments
 - Specialized in **industrial automation**, especially logistics, airport infrastructure, and automotive assembly.
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6. AGV & Intralogistics Solutions (AGV International BV Association)

- Technical partnership with AGV International BV, Netherlands.
 - Solutions for:
 - Heavy-duty box conveying (up to 400 kg)
 - Multi-stage material movement
 - Automated logistics & intralogistics systems.
 - Exposure to global best practices in AGV applications across industries:
 - Plastics, Steel, Paper, Food, Logistics, Flooring, Metals, etc.
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7. Elevator, Fabrication & Architectural Engineering

Through Innovative Globetek Pvt. Ltd.:

- Manufacturing experience in:
 - **Elevators**
 - **Industrial fabrications**
 - **Fencing systems**
 - **Architectural fabrication products**
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8. Project Management & Execution

- 30+ years experience in handling large-scale industrial and airport automation projects.
- Specialized skills in:
 - Execution planning
 - Technical interfaces
 - Risk reduction
 - Timely project delivery
 - Multi-stakeholder coordination