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TIRUPATI FENCE
Strength Beyond Boundaries



STRENGTH BEYOND BOUNDARIES

Engineering India's Fencing & Geotechnical
Systems for Borders, Roads & Beyond

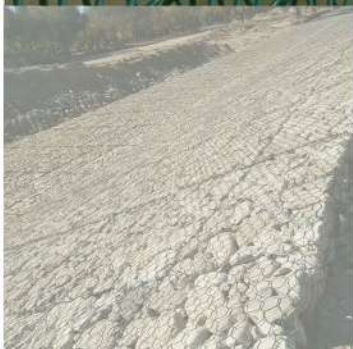
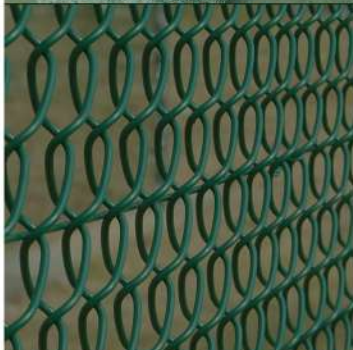


GeM
Government
e Marketplace



25 + Years of Excellence | ISI Certified | 3 State-of-the-Art Plants |
120 + Government Projects | 100 % Make in India

Founded in Siliguri, Tirupati Fence has grown from a modest unit into one of India's foremost manufacturers of fencing and geotechnical systems – protecting borders, bridges, and landscapes that define the nation's progress.



Legacy & Leadership

With over 25 years of experience, Tirupati Fence – led by Mr. Pravin Garodia – has grown from a small Siliguri setup into a national OEM redefining how India builds its boundaries.



Integrated Capability

Three advanced plants bring fabrication, weaving & coating, under one roof, delivering products that are tested, traceable & installation-ready.



Innovation with Purpose

Our R&D focus turns real-world terrain challenges into engineered solutions – from the RAKSHAQ 358 anti-climb system to INSTA WALL modular defence structures.



Quality & Assurance

Every batch passes a six-stage QAP with NABL-verified testing for tensile strength, coating durability & dimensional precision.



People | Planet | Progress

Eco-grade coatings, wire recycling & local workforce training make our manufacturing responsible and resilient – 100 % Make in India.



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TIRUPATI RAKSHAQ

358 Modular Weldmesh Fence

Engineered for anti-climb, anti-cut, and tamper resistance, RAKSHAQ offers unmatched perimeter protection for defence, border, and high-security zones. Built from precision 358 welded panels and dual-coated / thermoplastic coating, it ensures superior strength, corrosion resistance, and rapid installation using omega clamps and anti-theft fittings. Compatible with CCTV, lighting, sensors, and electric topping, it creates a complete, future-ready defence system. Deployed across over 100 km of Indo-Bangladesh border fencing, army cantonments, and strategic installations across North India.

Key Highlights:

- Anti-Climb / Anti-Cut Security
- Dual Coated Long-Life Finish
- Modular, Quick Installation
- Smart Integration Ready

TIRUPATI PROTEQ FENCE

Powder-Coated Weldmesh Fence for High Security Zones

Built for strength, refined for design — PROTEQ is a next-generation welded fencing system for power plants, hydro projects, solar sites, and industrial & urban infrastructures. Constructed with 4.0 mm wires and a 75 × 50 mm mesh, it offers high rigidity, tamper resistance, and visual uniformity. Each panel is galvanized and UV-stable powder-coated, providing dual-layer corrosion protection and a lasting finish. Fast to install and easy to maintain, PROTEQ combines security, durability, and modern appeal — making it a trusted choice across India's energy and infrastructure sectors.

Key Highlights:

- Dual-Layer Corrosion Protection
- Quick Installation & Low Maintenance
- Ideal for Power, Solar & Industrial Projects

TIRUPATI SECURUS FENCE

Welded Mesh Fence for Medium-High Security Zones

The SECURUS Weldmesh variant features a paladin-style configuration with variable apertures and grouped vertical wires at 25 mm spacing — creating a striped, decorative profile that delivers both strength and architectural elegance. Built for reliability, designed for visibility — SECURUS is a high-strength welded fencing system ideal for schools, playgrounds, solar plants, and commercial infrastructures that demand both safety and aesthetic appeal. Made from 4.0 mm wires in 150 × 50 mm and 150 × 25 mm mesh combinations, it ensures rigidity, tamper resistance, and field adaptability. Its powder-coated finish provides long-term corrosion protection and clean visual uniformity.

Key Highlights:

- 150 × 50 mm & 150 × 25 mm Mesh Options
- Dual Powder-Coated Protection
- Elegant "Striped" Weldmesh Design
- Ideal for Schools, Playgrounds, Solar & Commercial Projects



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TIRUPATI ECO-60 WELDMESH FENCE

Economical Weldmesh Fence System

Clearly built for timeless beauty and strength — ECO-60 is a versatile, general-purpose fencing system for public spaces, solar sites, industrial zones, and resorts. Made from 4 mm welded wires with V-shaped braces and 30 mm projecting spikes, it offers durability, climb resistance, and clean see-through design. Panels and posts are galvanized and polyester powder-coated for long-term corrosion protection and aesthetics.

Key Highlights:

- 50 × 150 mm / 50 × 225 mm Mesh Options
- 30 mm Security Spikes
- Dual-Coated RHS Posts & Clips
- Ideal for Public, Solar & Industrial Projects

TIRUPATI HEXANET FENCE

Triple-Twisted Rigid Wire Mesh Fence

HEXANET is Tirupati's triple-twisted hexagonal wire mesh system, designed as a next-generation alternative to chainlink fencing. Its unique triple-twist configuration prevents unraveling even if a wire is cut — distributing impact evenly and maintaining rigidity under tension. The result: a goat-proof, tamper-resistant, and long-lasting fencing system for challenging terrains and open perimeters. Durable, economical, and easy to install, HEXANET delivers strength and performance unmatched by ordinary chainlink fences.

Key Highlights:

- Triple-Twisted Hexagonal Mesh Design
- Goat-Proof & Cut-Resistant Structure
- No Unraveling or Deformation
- Superior Alternative to Chainlink
- Ideal for Agricultural, Solar & Perimeter Use

TIRUPATI CHAINLINK FENCE



Woven Wire Netting Fence

- Tirupati Chainlink is a durable, all-purpose fencing system designed for industrial, agricultural, and infrastructure applications, including boundary walls, storage zones, and sports enclosures. Manufactured from high-tensile galvanized or PVC-coated steel wires, the mesh is woven in a diamond pattern to provide flexibility, uniform tension, and long-term stability. It is fully compliant with ASTM F552 & F567 standards, ensuring consistent quality, corrosion resistance, and ease of installation. Available in mesh sizes from 1" to 5" and wire diameters of 8G-12G, it's a secure, economical, and long-lasting fencing alternative suited for open terrains and low-to-medium security zones.

Key Highlights:

- Mesh Size: 1"-5" | Wire: 8G-12G
- Galvanized / PVC / Powder-Coated Finish
- Flexible, Rust-Resistant & Easy to Install
- Ideal for Industrial, Agricultural & Sports Fencing



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TIRUPATI GABION SYSTEMS & ROCKFALL NETTING

Hexagonal Wire Mesh Retaining & Protection Solutions

Tirupati Gabion Systems are mechanically woven, double- and five-twisted hexagonal wire mesh boxes designed for retaining walls, slope stabilization, and river training works. Fabricated using galvanized or PVC-coated steel wires, our gabions conform to IS 16014 and EN 10223-3 standards, ensuring flexibility, durability, and long life even under harsh site conditions. The five-twist rigid variant offers greater stability and resistance to deformation, making it ideal for heavy-load and high-velocity water zones. For steep and unstable terrains, Tirupati Rockfall Netting provides superior slope protection. Made from high-tensile hexagonal mesh, it controls debris movement and prevents rockslides — ensuring road, railway, and hill-slope safety in challenging geographies.

Key Highlights:

- Double & Five-Twist Hexagonal Mesh
- S 16014 / EN 10223-3 Compliant
- High Flexibility & Structural Stability
- Ideal for Retaining, River & Rockfall Works
- Dual Coated Long-Life Finish
- Modular, Quick Installation
- Smart Integration Ready

TIRUPATI PORTABLE COLLAPSIBLE WALL BASKETS

Modular Defensive & Protection Barrier System

Tirupati's Portable Collapsible Wall Baskets are modular earth-filled defensive barriers engineered for blast protection, perimeter security, and hostile vehicle mitigation. Each unit is made from reinforced galvanized or powder-coated steel mesh lined with UV-stabilized, non-woven geotextile, ensuring high stability and durability under extreme conditions. The modular, foldable design allows rapid deployment and reconfiguration with minimal manpower, converting flat-packed units into protective walls, checkpoints, and perimeter structures within hours. Available in multiple sizes and finishes (beige, green, camouflage) to suit terrain and tactical needs.

Key Highlights:

- Modular & Rapidly Deployable
- Blast & Ballistic Protection
- Corrosion-Resistant Coated Mesh
- UV-Stabilized Geotextile Lining
- Ideal for Defence, Border & Infrastructure Security

TIRUPATI BARBED WIRE SYSTEMS

Standard & High-Tensile Variants

Tirupati Barbed Wire Systems provide reliable perimeter security for agricultural, industrial, border, and infrastructure projects. Manufactured from galvanized or PVC-coated steel wires, the barbs are twisted at uniform intervals for consistent strength and corrosion resistance. The High-Tensile variant features a 3.15 mm line wire and 2.0 mm barbs, galvanized up to 275 GSM with tensile strength of ~1700 MPa, ensuring superior cut resistance, longer life, and zero sagging.

Key Highlights:

- 2-Point / 4-Point Iowa Style Barbs
- Zinc Coating: 240-275 GSM
- High-Tensile Strength up to 1700 MPa
- Durable, Rust-Proof & Easy to Install
- Ideal for Border, Solar & Industrial Fencing



TIRUPATI FENCE
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TIRUPATI RAZOR WIRE

Punched Tape Concertina Coil

Built for deterrence, engineered for defence – Tirupati PTCC is a non-conventional high-security fencing system designed to deliver maximum perimeter protection with minimal maintenance. Manufactured using high-tensile galvanized or stainless-steel wire (UTS ~1670 N/mm²) and razor-sharp punched tape, it provides superior cut resistance, durability, and corrosion protection. Available in coil diameters from 450 mm to 1050 mm, with 50 spiral turns per coil and a stretch length of ~6 metres.

Applications: Border and defence perimeters, airports, thermal projects, industrial estates, and wall-top security.

Key Highlights:

- Heavy-Galvanized or SS304/316 Construction
- Coil Sizes: 450-1050 mm | 50 Turns/Coil
- Long Life & Corrosion Resistant
- Ideal for High-Security & Wall-Top Installations

TIRUPATI ACCESS CONTROL SOLUTIONS

Double-Leaf Swing Gates

Tirupati Fence manufactures high-strength double-leaf swing gates, fully fabricated in-house for seamless integration with any perimeter or security fencing system. Built for rugged terrains and high-frequency movement, our gates are engineered for long operational life and consistent performance.

Key Highlights:

- 20+ years powder-coating life
- Heavy-duty hinges & locks
- Smooth operation, field-tested
- Custom sizes & reinforcement options
- Perfect match with adjoining fences
- Fully in-house fabrication

FENCE POSTS, FIXTURES & ACCESSORIES

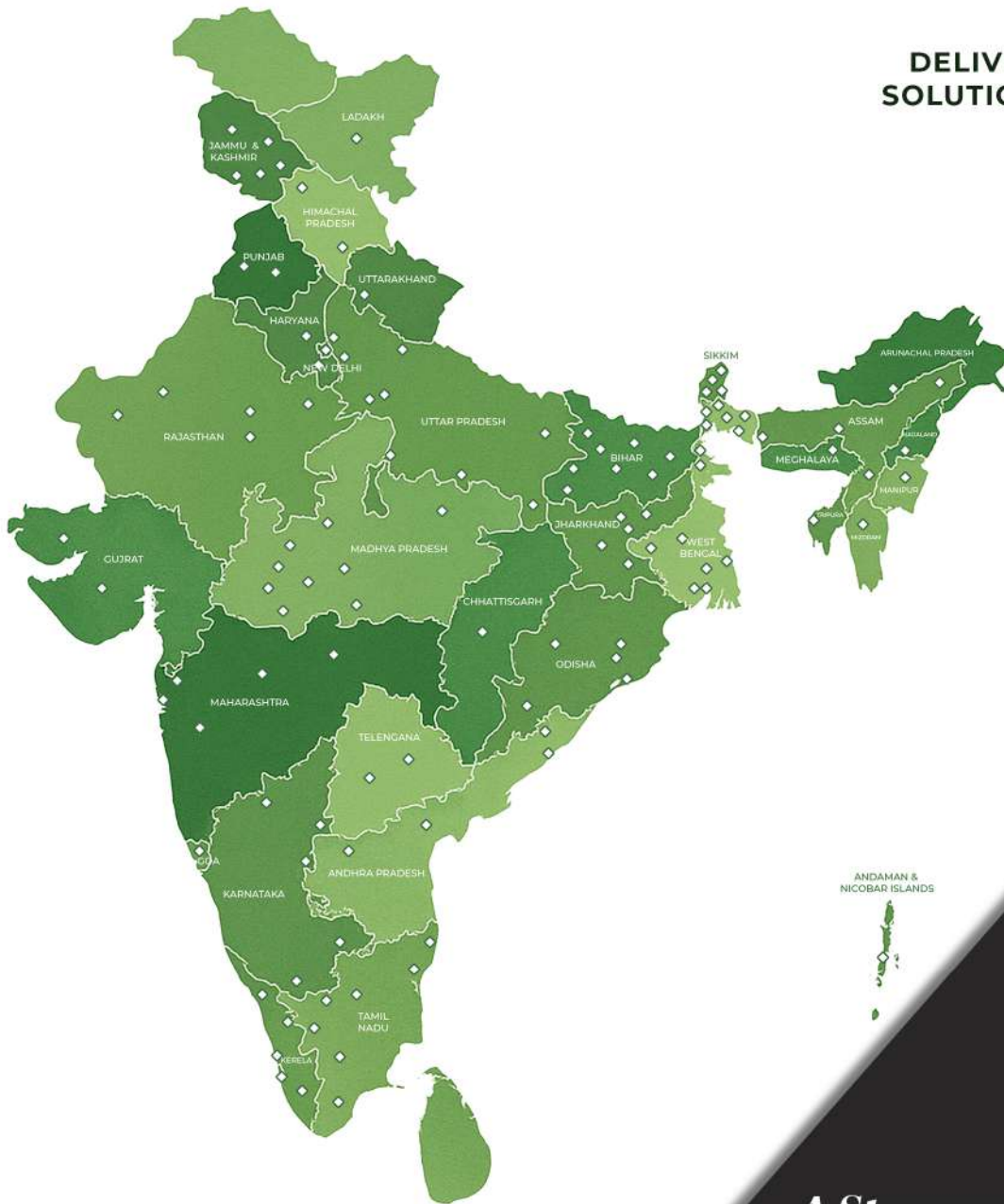
Omega Clamps | Profile Plates | IP Binders | Nuts & Bolts | Tension Bands

Tirupati Fence fabricates a complete range of precision-engineered fence posts, fixtures, and accessories required for reliable installation of border and perimeter fencing systems. Every component is designed for precision fitment, uniform strength, and long-term field durability.

Key Highlights:

- Precision-fit components
- Corrosion-resistant finish
- High-tensile fasteners
- Ready stock for quick supply
- Compatible with all fence types
- Uniform quality & durability

**DELIVERING TRUSTED
SOLUTIONS NATIONWIDE**



A Stronger India, Project by Project

For over two decades, Tirupati Fence Products Pvt. Ltd. has strengthened India's infrastructure landscape with engineered fencing and geotechnical systems. Our work spans diverse terrains — international borders, hilly regions, river corridors, defence zones, highways, and industrial sites.

With integrated manufacturing, strict quality controls, and reliable field performance, our solutions support contractors and government bodies in delivering safe, secure, and future-ready projects.

Every project marked on this map reflects our belief in engineering solutions that safeguard communities, enable development, and withstand the toughest terrains.

**25+ Years. 100+ Installations. Presence Across
15+ States. One Consistent Standard.**



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HOW WE BUILD BETTER



CONTINUOUS IMPROVEMENT



DESIGNED FOR INDIA'S TERRAIN



DRIVEN BY INNOVATION



BUILT WITH INTEGRITY



TESTED BEYOND STANDARDS



SUSTAINABLE BY DESIGN



ENGINEERED TO ENDURE



POWERED BY PEOPLE



TRUSTED NATIONWIDE

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