आज़ादी का अमृत महोत्सव

Special Thanks

Related Ministries of Government of India & States

विकसित भारत अभियान 1947 TO 2047

आत्मनिर्भर भारत

SUGARTECH + BIOPROCESSING

BIOFUEL BHARAT 2027 World Expo | Summit | Awards

MAHA WORLD EXPO SUMMIT AWARDS

VIKSIT BHARAT MAHA WORLD EXPO | SUMMIT | AWARDS 2027 CONNECT | COLLABORATE | GROW

From Cane to Clean Energy: Driving the BioEnergy Revolution
The Sweet Transition: Sustainable Solutions for Global Bioenergy
Sweetening the Future: Innovations in Sugar and Sustainable Biofuels
Sustaining Power, Refining Progress: The Future of Sugar and Biofuels

17 18 19 FEBRUARY 2027

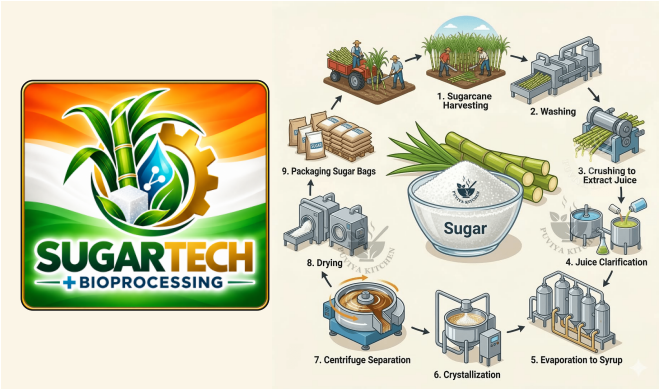
MAHALAXMI LAWNS HALLS
PUNE, MAHARASHTRA



- SUGAR & SUGAR PRODUCTS
- BIOENERGY & BIOFUELS
- BIOCHEMICALS & BIOPLASTICS
- AGRI-BIOTECH & VALUE ADDITION
- CIRCULAR ECONOMY & SUSTAINABILITY

www.biofuelbharat.com

EXHIBITION | CONFERENCE | NETWORKING | AWARDS



THE EPI-CENTER OF SUGAR & BIO-INDUSTRY

Welcome to the definitive international platform where the traditional sugar industry converges with the futuristic bio-economy. Staged in the heart of India's agricultural powerhouse, this premier event unites global technology pioneers, industrial processors, mill owners, distilleries and policymakers. Together, we are redefining how sugar is processed, by-products & biomass is utilized, turning conventional sugar & crop processing into a highly diversified, carbon-neutral powerhouse that fuels sustainable development.

SUGARTECH & BIOPROCESSING - Maha World Expo | Summit | Awards 2027 will focus on:

Revolutionizing the Sugar Landscape Through Technology

As global markets shift toward sustainability, sugar mills are rapidly evolving into sophisticated bio-refineries. This mega industry-event showcases the absolute frontline of bio-industrial innovation - from advanced milling automation and high-efficiency crushing systems to revolutionary biological enzymes and digital crop management tools. Attendees will gain direct access to the machinery and software driving unprecedented operational efficiency, reduced resource consumption, and maximum yield optimization.

Unlocking the Vast Potential of Advanced Bioprocessing

Beyond crystalline sugar, the true future of the industry lies in the biological conversion of waste into high-value products. The **SUGARTECH & BIOPROCESSING Summit** gathers visionary leaders and technical experts to map out the next generation of bioprocessing. Dive deep into actionable insights on scaling up 2G cellulosic ethanol, optimizing Compressed Biogas (CBG) production from press mud, and pioneering bio-based chemicals and bioplastics. This is where cross-industry collaborations are forged to transform agricultural residues into lucrative, circular economic streams.

Honoring Excellence and Green Energy Leadership

A core highlight of this landmark event is the prestigious **SUGARTECH & BIOPROCESSING Awards**, dedicated to celebrating the trailblazers, innovators, and progressive mills leading the green transition. In alignment with India's visionary National Policy on Biofuels and the Global Biofuel Alliance (GBA), these awards recognize outstanding achievements in energy efficiency, waste-to-wealth innovation, and sustainable farming practices. We shine a spotlight on the pioneers who are actively reducing global carbon footprints while boosting rural economies.

Connect, Collaborate, and Scale Your Business

- Whether you are an international technology provider looking to enter the booming Indian market, a sugar mill decision-maker seeking diversification strategies, or an investor scouting for high-impact green tech, this mega show is your ultimate gateway. Across expansive exhibition floors, high-level panel discussions, and structured B2B networking zones, the **SUGARTECH & BIOPROCESSING expo** offers unmatched commercial opportunities. Join us to secure your place at the forefront of the global bioenergy revolution.
- The Indian sugar and ethanol industry is undergoing a structural shift into integrated bio-energetics, driven by aggressive biofuel blending mandates and shifting agro-commodity economics.



CURRENT INDUSTRY STATUS

- **Blending Progress:** India advanced its target toward 30%+ petrol blending (E30) under the National Biofuel Policy.
- **Procurement Pricing:** The government fixed lucrative administrative pricing for cane-derived ethanol (e.g., ₹65.61/liter for juice/syrup) and raised the Fair and Remunerative Price (FRP) for sugarcane to ₹365 per quintal for the 2026–27 season.
- **Production Realities:** Domestic sugar output faced weather-induced pressures and pest attacks, pushing closing stocks lower and tightening domestic balances.
- **Feedstock Diversification:** Mills are actively diversifying past sucrose into grain-based feedstocks (like maize) and co-generation power to smooth out seasonal downtimes.



POTENTIAL GROWTH & DRIVERS

- **Energy Security:** Ethanol blending reduces costly crude petroleum imports and generates vital foreign exchange savings.
- **Integrated Biorefineries:** Transitioning from single-product sugar mills to multi-stream revenue models (refined sugar, fuel ethanol, bio-compost, and power co-generation).
- **Policy Tailwinds:** Unlimited diversion policies and ongoing administrative pricing support cash flows for key industry players (e.g., Balrampur Chini, Shree Renuka, E.I.D.-Parry).
- **Operational Optimization:** Adopting predictive forecasting and field-to-factory analytics to maximize recovery rates per ton of cane crushed.

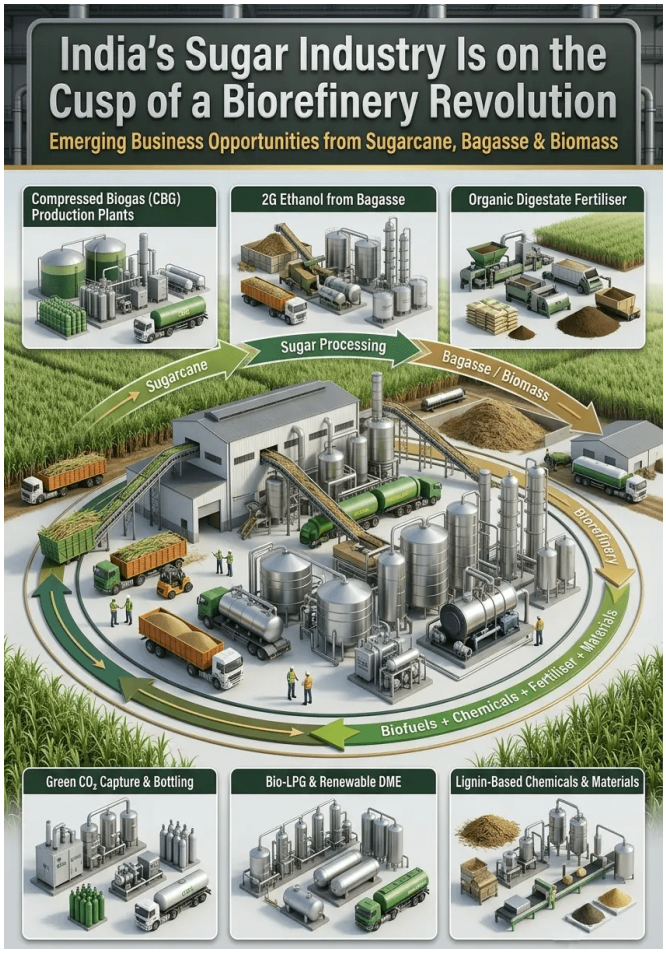
SUGARTECH & BIOPROCESSING - Maha World Expo | Summit | Awards 2027 - The Definitive B2B Platform for Sugarcane Processing, Ethanol Integration & Bioenergy Engineering. India stands as the world's **second-largest sugar producer, contributing over 20% of global output**. Today, the industry is undergoing a massive paradigm shift. Driven by national mandates, the sector is rapidly transitioning toward **deep ethanol integration, advanced automation, energy efficiency, and sustainable manufacturing practices**.

This is a premier, highly technical B2B industrial trade exhibition and conference. It brings together sugar manufacturers, technology innovators, process engineers, project developers, and policymakers under one roof to catalyse technology adoption, unlock investments, and engineer the **post-E20 roadmap**. *The expo floor is where advanced plant engineering meets the buyers, project developers, and investors planning the next phase of India's bioenergy capacity.*

EXHIBITOR PROFILE

Core Value Chain & Processing

- **Sugarcane Processing Technology:** Advanced machinery, extraction equipment, and milling innovations.



- **Sugar Manufacturing Systems:** Cutting-edge sugar processing equipment, refining technologies, and industrial chemicals.
- **Co-generation & Bioenergy:** High-efficiency boilers, turbines, and waste-to-wealth biomass systems.

Ethanol, Fermentation & Distillation

- **Distillation & Dehydration:** Advanced distillation columns, molecular sieve dehydration units, and process engineering solutions.
- **Fermentation Ecosystems:** Next-generation fermentation systems, bio-enzymes, and advanced biotechnology for multi-feedstock processing.
- **Plant Modernization:** Scalable machinery required to transition traditional mills into highly flexible 1G and 2G ethanol bio-refineries.

Automation, Engineering & Sustainability

- **Digital Transformation:** Complete plant automation, process control systems, and digital twins for smart manufacturing.
- **Resource Sustainability:** Energy-efficient production practices, zero-liquid-discharge (ZLD) systems, and strict waste management solutions.
- **Quality Assurance:** Industrial laboratory testing equipment, regulatory compliance systems, and real-time process monitoring.



WHY EXHIBIT?

Secure your marketplace share and present your engineering solutions to capital spenders.

- **Direct B2B Interactions:** Meet face-to-face with decision-makers from leading national and international sugar mills and distilleries.
- **Targeted Lead Generation:** Showcase your plant equipment, process technologies, and automation tools directly to project developers planning new capacities.
- **Strategic Partnerships:** Form lucrative joint ventures, facilitate technology transfers, and close high-value procurement contracts.
- **Brand Visibility:** Position your company as an industry pioneer in front of a highly specialized audience.

The exhibitors at **SUGARTECH & BIOPROCESSING - Maha World Expo | Summit | Awards 2027** spans the entire sugarcane processing, ethanol integration, and bioenergy engineering value chains. The primary categories of companies and technology providers showcasing their solutions on the expo floor include:

Plant Machinery & Process Engineering

- **Crushing & Crushing House Equipment:** Manufacturers of heavy-duty mills, sugarcane shredders, juice extraction systems, and preparatory devices.
- **Boilers & Cogeneration Systems:** Providers of high-pressure industrial boilers, steam turbines, and ancillary power generation equipment.
- **Clarification & Evaporation Systems:** Technology companies supplying industrial clarifiers, juice heaters, evaporators, crystallization equipment, and vacuum pans.
- **Centrifuges & Drying Units:** Manufacturers of continuous and batch centrifuges, sugar dryers, and grading/sorting machinery.

Ethanol, Distillery & Fermentation Tech

- **Distillation & Dehydration Providers:** Companies offering advanced multi-pressure distillation columns and Molecular Sieve Dehydration (MSDH) plants.
- **Multi-Feedstock Systems:** Engineering firms building technologies to seamlessly process diverse inputs like molasses, sugarcane juice, grain, maize, and broken rice.
- **Cellulosic (2G/3G) Biofuel Experts:** Turnkey EPC (Engineering, Procurement, and Construction) companies showcasing second-generation biomass-to-ethanol systems.
- **Biotech & Enzyme Suppliers:** Specialty chemical manufacturers providing bio-enzymes, advanced yeasts, and fermentation nutrients to maximize alcohol yield.

Industrial Automation, Digitalization & IT

- **Process Automation Specialists:** Providers of Distributed Control Systems (DCS), Programmable Logic Controllers (PLCs), and SCADA platforms for centralized plant monitoring.
- **Digital Twin & Analytics Software:** IT firms offering predictive maintenance tools, real-time yield analytics, and cloud monitoring solutions for smart factory setups.
- **Sensors & Instrumentation:** Manufacturers of flow meters, digital valves, pressure transmitters, and laboratory quality-testing equipment.

Bioenergy Adjacencies & Sustainability

- **Compressed Biogas (CBG) Developers:** Technology providers showcasing anaerobic digesters, press-mud processing equipment, and gas purification/compression units.
- **Sustainable Aviation Fuel (SAF) Innovators:** Engineering firms displaying refinery-led and alcohol-to-jet (ATJ) technology pathways.
- **Environmental & Waste Management Firms:** Providers of Zero-Liquid-Discharge (ZLD) systems, multi-effect evaporators (MEE), condesate polishing units (CPU), and incineration boilers.

Material Handling, Logistics & Services

- **Conveyors & Elevators:** Specialists in heavy material handling, bagging systems, and storage warehouse solutions.
- **Turnkey EPC Consultants:** Large-scale engineering contractors managing project execution from blueprinting to commissioning for massive biorefineries.

BUSINESS VISITORS - WHO WILL ATTEND?

Join over **hundreds of high-profile delegates** *and thousands of trade visitors across the bio-energy ecosystem.*

- **Sugar Mill Owners & Managing Directors**
- **Distillery Operators & Biofuel Project Developers**
- **Chief Technologists, Process Engineers & Plant Managers**
- **Bioenergy Investors, Financiers & MSME Entrepreneurs**
- **Policymakers, Government Officials & Regulatory Authorities**
- **Researchers, Agronomists & Industry Consultants**

The **SUGARTECH & BIOPROCESSING - Maha World Expo | Summit | Awards 2027** will attract a highly targeted, premium audience of over 1,000+ industry delegates and thousands of B2B trade visitors spanning the entire sugar, ethanol, and bioenergy ecosystems. The visitors can be grouped into the following distinct categories:

Sugar Mill & Distillery Decision Makers

- **C-Suite Executives:** Sugar mill owners, Managing Directors (Mds), CEOs, and Board Members representing both massive private sugar conglomerates and major cooperative sugar factories.
- **Plant Operations Leaders:** Factory Managers, Chief Engineers, and Distillery Heads responsible for upgrading mill machinery and managing ethanol blending facilities.
- **Project Developers:** Investors and entrepreneurs who are actively blueprinting and building new multi-feedstock distilleries, 2G ethanol plants, and Compressed Biogas (CBG) units.

Technical Experts & Technologists

- **Process & Chemical Engineers:** Professionals seeking advanced distillation, molecular sieve dehydration, and fermentation systems to maximize crop-to-fuel yields.
- **Automation & IT Heads:** Technologists evaluating Distributed Control Systems (DCS), SCADA setups, and digital twins to transition traditional mills into smart factories.
- **Quality Control Managers:** Laboratory heads and chemists looking for precise chemical analyzers, testing kits, and regulatory compliance instrumentation.

Agriculture & Feedstock Partners

- **Progressive Cane & Grain Growers:** Large-scale farmers and agricultural leaders focused on maximizing sugarcane tonnage and crop residue aggregation.
- **Feedstock Supply Chain Managers:** Distributors and aggregators managing the logistics of raw inputs like sugar, broken rice, maize, and straw biomass.

Policy, Science & Research

- **Government Officials & Policymakers:** Representatives from agricultural and bioenergy ministries supervising ethanol blending mandates and industrial compliance.
- **Scientists & Agronomists:** Researchers from institutions like the Vasantdada Sugar Institute studying new sugarcane varieties, soil biologicals, and energy efficiency solutions.

SUGARTECH - KNOWLEDGE SUMMIT

A high-powered technical conference featuring expert sessions, interactive panels, and policy breakdowns. Key discussion tracks include:

- **Navigating the Post-E20 Roadmap:** Shifting focus toward E30 blends and flex-fuel vehicle (FFV) integration.
- **Tackling Grain-Based Surpluses:** Optimizing dynamic feedstock allocation (sugar, maize, rice, and 2G biomass).
- **Industrial Efficiency:** Maximizing yield through process optimization, digital transformation & automated process control.
- **Environmental Compliance:** Implementing zero-liquid-discharge systems and adapting to evolving green mandates.

SUGARTECH - EXCELLENCE AWARDS

Honoring the pioneers driving modernization. The awards celebrate extraordinary achievements in **energy efficiency, ethanol blending milestones, technological innovation, and sustainable manufacturing practices** across the sugarcane value chain.

STRUCTURAL TRANSFORMATION

The Shift to Integrated Biorefineries

- **From Volume to Value:** Success is shifting from producing greater sugar volumes to extracting maximum value from every tonne of cane and every unit of avoided carbon emissions.
- **Portfolio Approach:** Progressive mills no longer view sugar as the sole primary product; they treat the cane stream as a portfolio yielding sugar, ethanol, alcohol, electricity, biogas (CBG), biofertilizers & sustainable aviation fuel feedstocks.
- **Waste to Wealth:** Organic residues like press mud and spent wash are transitioning from costly waste management challenges into high-value feedstocks for renewable gas and soil-enhancing digestate.

Evolving Risks & Business Models

- **Climate & Yield Volatility:** Climate variability, rising temperatures, altering rainfall patterns, and extreme weather events are increasingly threatening feedstock availability and destabilizing traditional economics.
- **Government Intervention:** Policy protections for farmers and consumers introduce operational uncertainties regarding cane pricing, export limits, and market access.
- **Prioritizing Resilience:** Fluctuating ethanol economics prove that product diversification alone cannot eliminate commodity cycle volatility, making business resilience as crucial as factory productivity.

Carbon as the Next Revenue Stream

- **Valuing Carbon Intensity:** Global bioeconomy markets are increasingly rewarding verified emissions reductions, turning carbon intensity into a primary competitive differentiator for governments and investors.
- **Monetizing Emissions:** Every tonne of captured methane and reduced fertilizer emission represents a potential economic asset, shifting future project returns toward measurable environmental attributes.
- **Carbon Efficiency:** Future sugar mills will find themselves competing equally on production efficiency and carbon efficiency.

Regulation, Certification & Architecture

- **Building Market Trust:** Because anaerobic digestion and carbon capture technologies are already mature, the primary hurdle has shifted to creating international confidence through transparent monitoring and independent verification.
- **National Frameworks:** India needs to move past project incentives toward a standardized national market architecture for measuring and certifying greenhouse gas reductions.
- **Global Compatibility:** Aligning digital reporting and carbon accounting with international frameworks will lower transaction costs and seamlessly connect Indian mills to global carbon markets.

MULTI-PRONGED WORLD MARKETING



Social Media & Telecom



Associations & Chambers


Media Briefings



English Newspapers



Special Invitations



Radio FM


Vernacular Dailies


TV & Cable Channels


In Venue Displays


Outdoor Publicity



Online Marketing


Business Visits

GOOD RoI & COST-EFFECTIVE TARIFFS

- Raw Space - ₹ 9,500 /- per sq mtr
- Built-up Shell - ₹ 10,000 /- per sq mtr
- Overseas Exhibitors (Tariffs in US $ or Euros)
  Space - US $ 200 or Euro € 170 per sq mt.
  Shell - US $ 215 or Euro € 185 per sq mt.
- Shell includes table, chairs, lights, panels, carpet, fascia, plug...
- 15 - 20 % Premium on Corner Stalls. 18% GST applicable.



PROFESSIONAL ORGANIZERS - TEAM TRINITY



The Trinity Group incorporated in 1994, has over the last more than 30 years emerged as India's pioneers and premium producers of International B2B exhibitions and specialized events. Trinity has been official event managers for many world expos, including for the Government of Sri Lanka's TRADMED Show and also produced the India Trade Fair with Government of Mauritius, inaugurated by H.E. Vyapoori, the Mauritian President to be repeated soon. Trinity has always received the support of various Government of India and State Agencies for its mega industry B2B events and this one is no different.

Trinity Ventures - an ISO 9001 : 2015 company, recognised by the American National Standards Institute (ANSI) for "organising trade and business exhibitions, event management, media & publications" Its events for Micro, Small & Medium Enterprises have been supported by NSIC (National State Industries Corporation with subsidies. Trinity is also a member of number of trade, professional and industrial associations – European Union Chambers of Commerce, All India Association of Industries, Mahratta Chamber of Commerce, Industries and Agriculture, etc. and works actively with these agencies.

CHAMBER FOR IMPORT, EXPORT & HEALTH

The Chamber for Import, Export (Impex), Traditional & Integrated Health is a registered not-for-profit organization established to promote commerce, trade, and health sectors. Formally registered under the Companies Act of 2013, the chamber is recognized by India's Union Ministry of Corporate Affairs alongside other government agencies.

Operating closely with pioneering event organizers like the Trinity Group, the chamber facilitates large-scale international B2B events, trade fairs, and conferences to connect businesses with global markets. The chamber enjoys strong support from high-level policy-makers and international dignitaries, assisting businesses in expanding their export reach to numerous countries across Africa and the Indian Ocean region. For more info, check www.impexandhealthchamber.com

SPECIAL THANKS TO VVIPS WHO ATTENDED TRINITY EVENTS & WISHED US WELL



President of Mauritius & CMD of Impex Chamber



Sri Lankan Minister & Kerala Health Minister



India's Minister Shripad Naik cutting ribbon at inauguration



India's Minister Murlidhar Mohol cutting the ribbon



India's Minister PS Patel presented floral tributes



India's Minister Suresh P. & Vijay K. AIAI President



India's Minister Rameshwar Teli & African Ambassador



H.E. Governor Koshyari of Maharashtra & Chamber MD



H. E. Governor Rao & CM Fadnavis of Maharashtra



H. E. PSS Pillai, Governor of Goa & MD of Chamber



H. E. Dr. Smt. M Sinha, Governorof Goa



Dr. Pramod Sawant, CM of Goa cutting the ribbon



Maharashtra's Minister, Atul Save cutting the ribbon



Digambar Kamat, Goa's CM speaking at the inauguration



Laxmikant Parsekar, CM of Goa visiting the event



H.E. Governor, SC Jamir at the inauguration ceremony



Mauvin Godinho, Goa's Cabinet Minister being felicitated



Francisco D'souza, Goa's Dy. CM cutting the ribbon



Maharashtra's Minister & Master Chef, Harpal Sokhi



Maharashtra's Minister, MP Lodha visiting Trinity's Maha World Expo



Babu Kavlekar, Goa's Dy. CM awarded at a Trinity event



Mayor R Monseratte & Siddhesh Naik, President, Zilla Panchayat



Goa Cabinet Minister, Dilip Parulekar in attendance



Dr. TP Lahane, Padma Shri & Guinness Record Holder



PM's Guruji & Union Secretary being felicitated at a Trinity event



* All designations are of when the VVIPs interacted with the organizers

TRINITY EVENTS ARE SUPPORTED BY UNION & STATE GOVERNMENT PAVILIONS

सत्यमेव जयते

A Few Central Government Ministries Who Support Us

Ayush | Agriculture & Farmers Welfare | Commerce & Industry | Development of North Eastern Region | Earth Sciences
Electronics & Information Tech | External Affairs | Finance | Fisheries, Animal Husbandry & Dairy | Food Processing Industries
Health & Family Welfare | Micro, Small & Medium Enterprises | New & Renewable Energy | Power | Railways
Science & Technology | Skill Development & Entrepreneurship | Textiles | Tourism | Tribal Affairs

Central Government Agencies & Major Sponsors Who Exhibited

AIAI | APEDA | AMFI | BSE | C-DAC | COCONUT BOARD | COIR BOARD | CSIR

CSIR-IIIM | DIR OF CASHEW... | DIR M & I | ECGC | FSSAI | ICAR | IIFPT | IRCTC

KVIC | LIC | MSE | MPEDA | MCX | NAM | NDDB | NHDC

NMPB | NRDC | NSDC | NSE | NEHHDC | NIFTEM | NIS | SEBI

SPICES BOARD | TEA BOARD | TJCIL | TCMDFIL | WTC | AND MANY MORE....

Major State Pavilions at Trinity Events

ANDHRA PRADESH | ARUNACHAL | ASSAM | BIHAR | CHANDIGARH | GOA | GUJARAT | HARYANA

HIMACHAL PRADESH | JHARKHAND | KARNATAKA | KERALA | MADHYA PRADESH | MAHARASHTRA | MANIPUR | MEGHALAYA

MIZORAM | NAGALAND | ODISHA | PUNJAB | RAJASTHAN | SIKKIM | TAMIL NADU | TELANGANA

TRIPURA | UTTAR PRADESH | UTTARAKHAND | WEST BENGAL | UT OF ANDAMAN | UT OF CHANDIGARH | UT OF DADRA | DELHI (NCT)

JAMMU & KASHMIR | LAKSHADWEEP | PUDUCHERRY

3 GUINNESS WR HOLDERS

PROMOTED BY TRINITY ISO 9001:2015

Professional Producers

Certified by ANSI ICV
American National Standards Institute
International Conformance Veritas

PATRON MEMBER EU INDIA CHAMBERS

OVER 30 YEARS INCORPORATED IN 1994

IMPORT - EXPORT & HEALTH CHAMBER

www.trinityworld.biz | +91 9769555657 | trinity.cmd@gmail.com