



Technology Simplified

ISO 9001:2015, ISO
14001:2015, ISO 45001:2018
Certified Co.



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Green Future

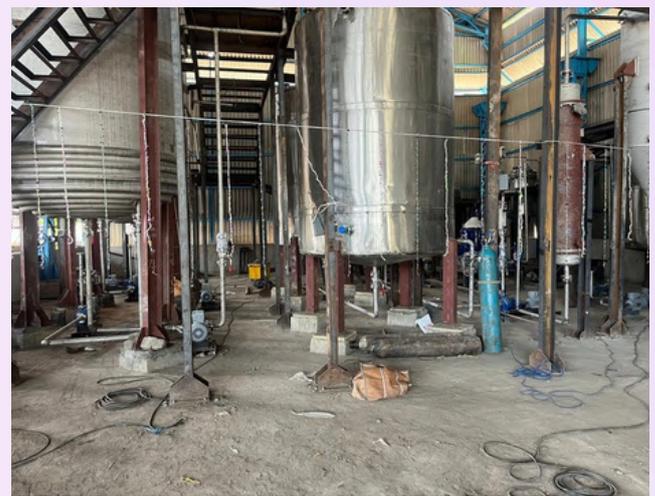


ABOUT US



At MAGTECH, we believe innovation is the cornerstone of a sustainable future. Founded with a mission to revolutionize the renewable energy sector, Magellanium Technologies Pvt. Ltd. (MAGTECH) is a cutting-edge company dedicated to solving the energy challenges of tomorrow.

From advanced biodiesel processing systems to next-generation green hydrogen technology, our product portfolio reflects our relentless pursuit of excellence. We cater to governments, global corporations, and communities seeking robust, scalable solutions to their energy and sustainability goals.



MAGTECH is more than a company; it is a movement towards a cleaner, greener planet.

www.magellanium.com



Our Vision

Our vision is simple yet powerful: to become a global leader in renewable energy technology, driving the transition to a sustainable, carbon-neutral future. We aspire to create an energy ecosystem that is Efficient, Sustainable, Inclusive.

This vision underpins every project, product, and partnership at MAGTECH, fueling our commitment to global sustainability.

Our Mission



At Magellanium Technologies Pvt. Ltd., we strive to identify limitations in current processing and manufacturing technologies. Our goal is to enhance biofuel production through diverse feedstock, improved efficiency, and advanced refining techniques. We are dedicated to sustainable practices, aiming to align industry standards with innovative biofuel solutions for a cleaner future.

Our Collaborative R&D Projects

100%

PROJECT 1

Development of a Heterogeneous catalyst for the Transesterification of Palm Stearing, Acid Oil and Animal Tallow

70%

PROJECT 2

Sustainable Synthesis of Second Generation Ethanol from Feedstock (Lignocellulosic) and Lifecycle Assessment Analysis

21%

PROJECT 3

Development of Efficient Electrocatalyst based Hydrogen Production through Water Splitting

100%

PROJECT 4

Biodiesel Production from High Free Fatty Acid (FFA) Oils using Solid Acid Catalyst in a single step process

Our Collaborative R&D Projects

100%

PROJECT 5

Process Design
Alongwith
Preparation of DPR
for 100 TPD
Biodiesel
Processing Plant

70%

PROJECT 6

Synthesis of
Sustainable
Aviation Fuel from
Lignocellulosic
Biomass

Our Collaborators

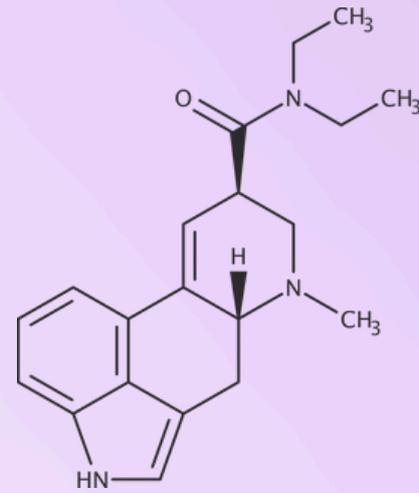


Our Products

Biodiesel



Glycerin



Bioethanol



MAG TECH

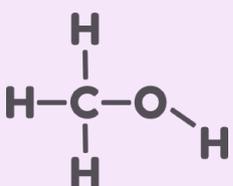
Piezo Catalyst



SAF



Green Hydrogen





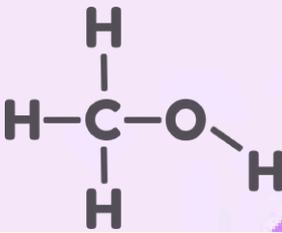
Our Scientific Equipments



Electrospinning Machine



Ultra-sound Transducer



Quality Assurance Certification



Our Clients

50 TPD

**Shivam
Biofuel Pvt.
Ltd.**

100 TPD

**AV
Renewables
Pvt. Ltd.**

10 TPD

**Green Bloom
Biofuel Pvt.
Ltd.**

30 TPD

**Swadesh
Biofuel Pvt.
Ltd.**

100 TPD

**TEN-D
Biodiesel
Pvt. Ltd.**



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