



CSIR-National Institute for Interdisciplinary Science & Technology

Celebrating 43rd Foundation day on 6th October 2020

NIIST TECHNOLOGIES & PRODUCTS PROFILE



Air Sanitizer

Biodegradable Plates & Cutlery from Agri Wastes

Bioprocess for White Pepper

Cashew Nut Shell Liquid (CNSL) and Derivatives

Functional Foods & Nutraceuticals

Ginger Processing

Compact Food Waste Biogas Plant

Onsite Grey Wastewater Treatment

Biofilter- Odour Control for Industries

Biomass Conversion Processes

Industrial Enzymes

Microbial Exopolysaccharides

Solid State Fermentation

Dye-sensitized Solar Module

Aluminium Auto Components

Metal Casting Simulation Software

Fluorescent Materials

IR Reflecting Pigment

Coir-Rubber Composites

Wood Substitute

Building Materials from Industry Waste

Ceramic Membrane

Complex Wastewater Treatment

Coir Geotextile and Mulching Mats/Sheets

Plant Tonic



MODULAR
ONSITE WASTEWATER
TREATMENT UNIT



Consultancies Offered

- Beach Sand & Minerals
- Chemical Intermediates
- Computational Modeling
- Dioxin & POP Monitoring
- Engineering Consultancy
- Food & Spices Processing
- Light Metal Alloys & Composites
- Marker Isolation for Herbal Drug Validations
- Microbial Processes
- Mineral Processing
- Pharmaceutical Intermediates & API Profiling
- Post Harvest Process
- Polymers & Composites
- Process Chemistry -Troubleshooting
- Quality Control Protocols for Herbal Drugs
- Solid/Liquid Waste Treatment
- Structure Elucidation of Natural Products

Services Offered

- EIA Studies (NABET Accredited)
- Marine Ecological Studies
- Support to MSME
- Testing & Analysis
- Process & Product Development

Human Resource Development

- Doctoral Programme
- Master Level Projects
- Out Reach Programme
- School Adoption
- Skill Development

High Impact Publications



Contact

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