

**DETAIL OF PROJECTS SUPPORTED UNDER TECHNOPRENEUR
PROMOTION PROGRAMME DURING THE YEAR**

COMPLETED PROJECTS

Sl. No.	Name of the project
2.1.1	Anti-fungal principles of <i>Alseodaphane</i> species
2.1.2	Digital camera for fundus photography
2.1.3	Solar water harvester
2.1.4	Intrauterine distending system
2.1.5	Micro-windmill generator
2.1.6	A demonstration plant for recovering Zinc metal from locally produced Industrial Wastes
2.1.7	Everybody's Solar Water Heater
2.1.8	Synthesis of novel tetracyclic benzothiazepines as potential anti-inflammatory and anti-fungal agents
2.1.9	Building of one catamaran boat in ferro-cement for trial and demonstration
2.1.10	Alternative use of areca nut
2.1.11	Auto-distractor
2.1.12	Top loading bottom heating and fixed type solar cooker

The projects at serial numbers 2.1.11 to 2.1.12 above were dealt by TIFAC

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ON-GOING PROJECTS

Sl. No.	Name of the project
2.2.1	Arecanut peeling machine
2.2.2	Stored Heat Cooker
2.2.3	Direct Current Transformer
2.2.4	Elliptical Machining Bed(EMB)
2.2.5	Prototype Development of the Energy Efficient Oil Expeller Machine
2.2.6	Water emulsification in fuel oil
2.2.7	Design improvement of Mangal Turbine
2.2.8	P&P dental implant systems
2.2.9	Tamper proof electronic lock
2.2.10	Design improvement of the motorized cycle hoe
2.2.11	Banana Stem Injector
2.2.12	Buttonhole machine
2.2.13	Iron and steel melting by exothermic reaction
2.2.14	Production of grape flakes
2.2.15	Instrument for spectral analysis of communication channels at high frequency
2.2.16	Manually operated water pump
2.2.17	Cut-off valve
2.2.18	Endodontic Instrument for root canal sterilization
2.2.19	Tissue engineering of porcine ureters for cardio-vascular use
2.2.20	Seamless Weaving Machine
2.2.21	Rotary variable compression ratio internal combustion engine
2.2.22	Isolation and manufacture of anti-feedants from seeds of Annona Squamosa(Sitaphal)
2.2.23	Mass production of novel metabolites from Alternaria sp. (LC#508) for use as eco-friendly agro-chemicals for weed management
2.2.24	Anti back roll device for cars(ABRDEC)
2.2.25	Prototyping of on-line Time Domain Instruments in industrial and agricultural materials
2.2.26	Udder care kit for prevention of mastitis
2.2.27	Treatment of diarrhea in animals
2.2.28	Wound healing in animals
2.2.29	Treatment of bloat and flatulence in animals
2.2.30	Retention of placenta in animals
2.2.31	Treatment of blood pressure, arthritis and heart problems
2.2.32	Treatment of pests in cotton
2.2.30	On demand tankless water heater (Instant gas heater)
2.2.31	Automatic pump operator
2.2.32	Design and development of variable reluctance electric servo actuator

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2.2.33	Mikshafut-Tareeq – A path detection device
2.2.34	Electronic tagging of book like objects
2.2.35	Improvement in performance of a gasoline engine by cooling of intake air through humidification
2.2.36	Device for lifting chassis of the vehicle(hydraulic)
2.2.37	Performance evaluation of indigenous dialysis device
2.2.38	Tamper-proof seal for disposable bottles and jars
2.2.39	Design refinement of JS milker milking machine

The projects at serial numbers 2.2.22 to 2.2.39 above were dealt by TIFAC

PROJECT PROPOSALS APPROVED DURING THE YEAR 2006-07

Sl. No.	Name of the project
2.3.1	Electronic Purse
2.3.2	Prefabrication Technology Development for small scale and cottage industries – to manufacture Indian Oriental Remedies
2.3.3	Design of CPAP device for the treatment of Sleep Apnea
2.3.4	Synthesis of nano-crystalline anatase phase Titanium Di-oxide
2.3.5	Visual events recognition on a chip
2.3.6	Soap less washing machine
2.3.7	Device for draining for boiled rice/cereals
2.3.8	Development of camera mouse for visually handicapped
2.3.9	Solar powered lamp
2.3.10	Vessel cleaning machine
2.3.11	Universal spirit level
2.3.12	Development and commercialization of electric fences
2.3.13	Automatic vending machine
2.3.14	Periscope to reduce radiation effect from computers
2.3.15	Table top manual operated metal cutter/sheer press
2.3.16	Design & development of temperature indicating chalk
2.3.17	Six-jaw universal wrench
2.3.18	Split type wood forming cutter, insects and cutter heads
2.3.19	Tractor mounted pulveriser
2.3.20	Growth stimulator for plants
2.3.21	Hydroponics prototype devices
2.3.22	Medical surfactants
2.3.23	Energy Efficient Geyser
2.3.24	Design and development of machine to produce surgical bandages

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Sl. No.	Name of the project
2.3.25	Design and development of indigenous drug on Diabetes-II
2.3.26	Lift operating on potential energy
2.3.27	Personal electric transporter
2.3.28	Low cost green house structure
2.3.29	Powdered biomass fired burner
2.3.30	Improved escalator
2.3.31	Homeo plant nutrients and plant protectors
2.3.32	Sketching device for use by a visually challenged person
2.3.33	Safety valve in stove
2.3.34	In-vivo dielectric measuring instrument for detection of cancer
2.3.35	Intelligent energy efficient power generating using wind power

The projects at serial numbers 2.3.23 to 2.3.35 above were dealt by TIFAC