



Criterion No. 3

3.2.1: Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

INDEX

Sr. No.	Particulars	Pg. No.
1	Design and Fabrication of Multipurpose Mechanical Machine	1
2	Design and Fabrication of Pottery Bits and Strip Extruder Machine	2
3	Design, Analysis and Fabrication of Shell and Tube Heat Exchanger	3
4	Design and Fabrication of Multipurpose Agriculture Machine	4
5	Design and Implementation of Engineered Wetland System for Domestic Waste Water Treatment Through Gravity Flow	5

Sarvasiddhanta Education Society's

Swaminarayan Siddhanta Institute of Technology

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University

Nagpur-Katol Highway Road, Khapri (Kothe),

Tal: Kalmeshwar, Nagpur, Maharashtra-441501

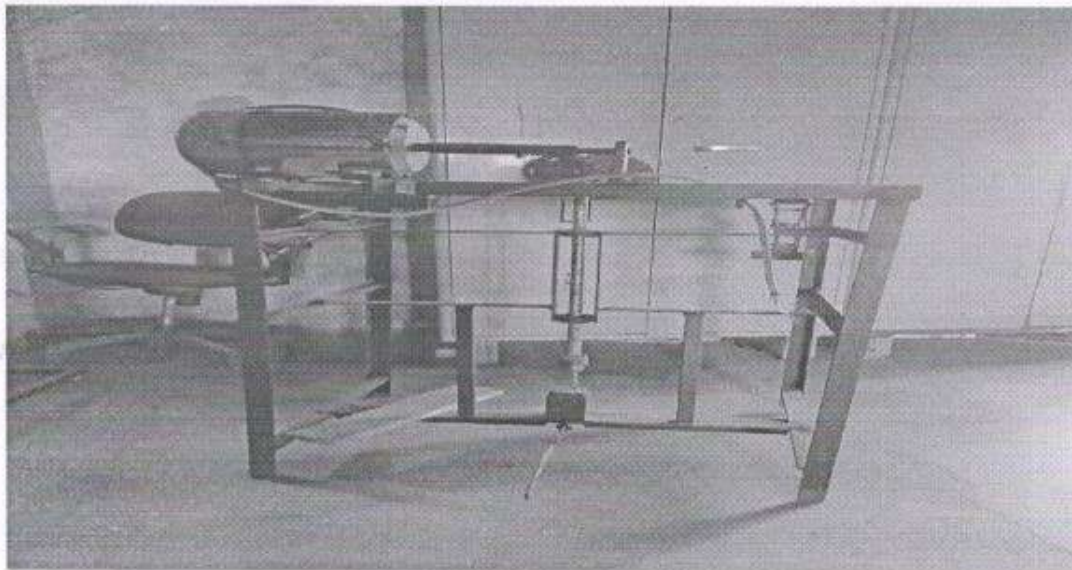


INNOVATIVE PROJECT

Several innovative projects are done by our students, some of them are,

DESIGN AND FABRICATION OF MULTIPURPOSE MECHANICAL MACHINE

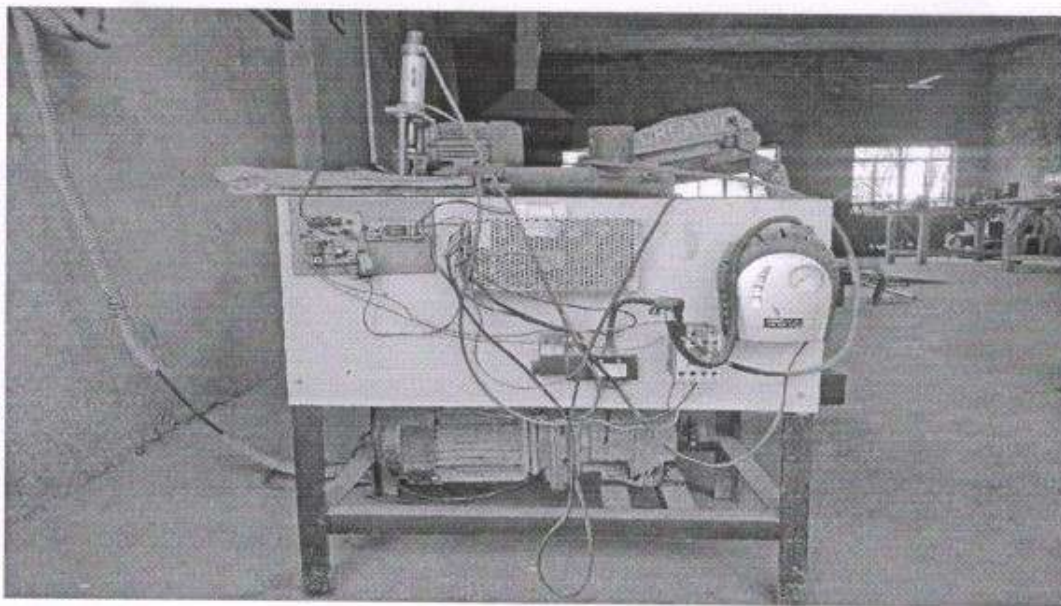
Shubham Chaware, Deepak Chandanmalagar, Yuvraj Sarode, Bhushan Naitam, Gaurav Nole of 2018 batch of Mechanical Engineering designed a multipurpose mechanical machine. The main purpose of machine is to cutting, shaping, grinding and drilling the thin metal sheets and wood by using different tools.



Principal
Swaminarayan Siddhanta Institute
of Technology, Kalmeshwar,
Dist. Nagpur-441501

DESIGN AND FABRICATION OF POTTERY BITS AND STRIP EXTRUDER MACHINE

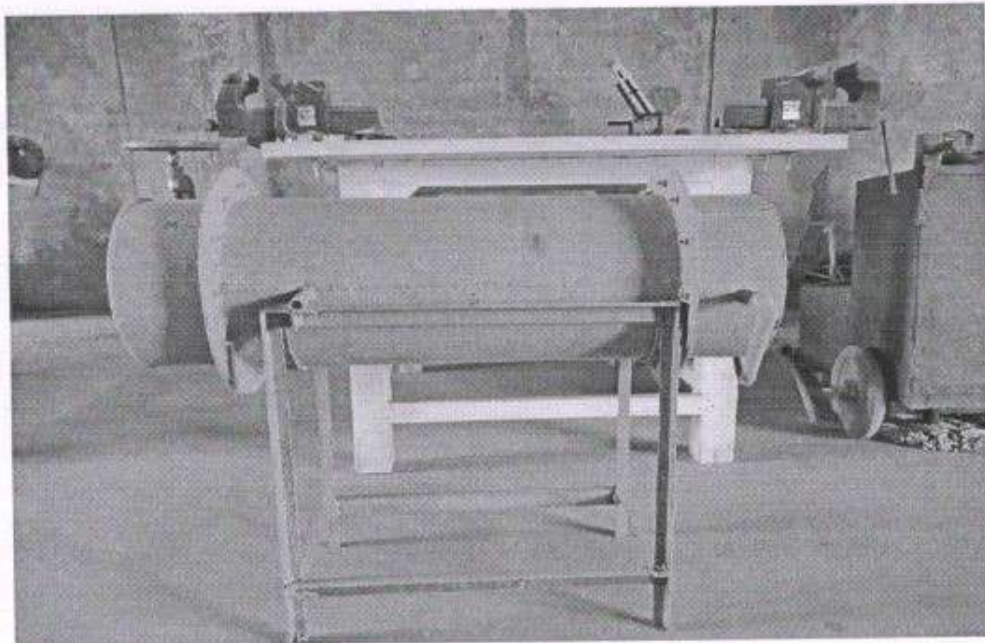
Rahul Dhengre, Akash Charpe, Prabal Raut, Madhuri Thakre, Yogesh Khairnar, Kiran Gaydhane of 2018 batch of Mechanical Engineering designed a Pottery bits and strips extruder machine. This machine is used for making pottery jewelry, hanging showpieces, art work etc. by using clay as working medium.




Principal
Swaminarayan Siddhanta Institute
of Technology, Kalmeshwar,
Dist. Nagpur-441501

DESIGN, ANALYSIS AND FABRICATION OF SHELL AND TUBE HEAT EXCHANGER

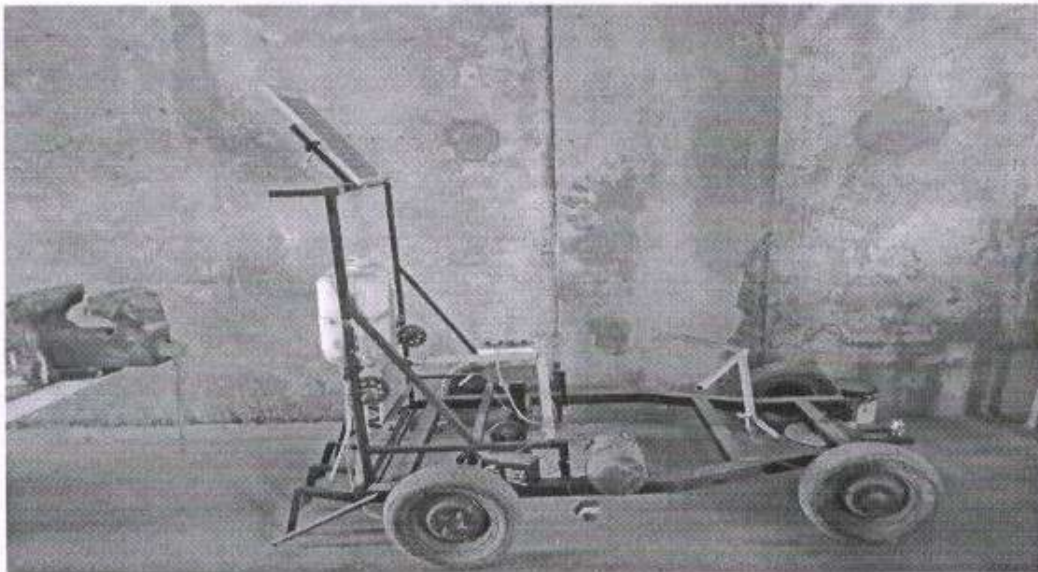
Rahul Kumar, Anil Anshu, Sunil Tuti, Sanjay Mahato, Attadeep Nandeshwar of 2018 batch of Mechanical Engineering designed a shell and tube heat exchanger. In this concept the rate of heat transfer will be faster as compare to other the heat exchangers. In this heat exchanger Oil and gas can be used as a working medium.





DESIGN AND FABRICATION OF MULTIPURPOSE AGRICULTURE MACHINE

Sunil Patel, Amir Khan Pathan, Aniket Meshram, Shrangar Parihar, Sagar Dahate, Vishal Uikey, Amit Tagde of 2018 batch of Mechanical Engineering designed a multipurpose agriculture machine. This concept aims economical and multi –usable equipment for farmer which can be maintained and handled easily. It doesn't require any fuel also. Multiple activities related to farming like sowing, plugging etc. can be performed using this machine.

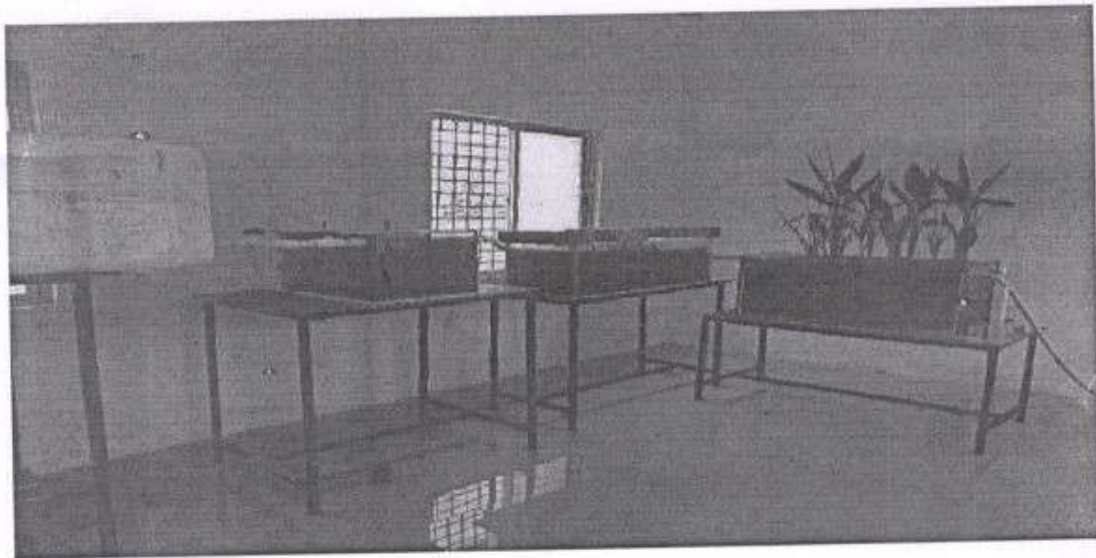



Principal
Swaminarayan Siddhanta Institute
of Technology, Kalmeshwar,
Dist. Nagpur-441501

“DESIGNING AND IMPLEMENTATION OF ENGINEERED WETLAND SYSTEM FOR TREATMENT OF DOMESTIC WASTE WATER THROUGH GRAVITY FLOW”

Vishal Manik Mesharm, student of civil engineering department, batch 21-22, designed Engineered Wetland System.

An Engineered wetland system is technological advancement in Constructed Wetland (CW) done with the help of Geotechnical construction materials like geotextile and geo-cells. A newly developed technology name as Geotechnical Phytoremediation (GePhyto) Technology. “GePhyto” is technological advancement of Constructed wetlands (CW) to reduce the various maintenance and rectification of Conventional type of CW. It is useful to treat domestic waste water in small quantities. Above student is also filed the patent.



Working Model on Engineered Wetland System




Principal
Swaminarayan Siddhanta Institute
of Technology, Kalmeshwar,
Dist. Nagpur-441501

(NOT FOR LEGAL USE)

As on Date : 25/11/2022

Status : Formalities Chk Pass

TM Application No.	5697548
Class	11
Appropriate Office	MUMBAI
State	MAHARASHTRA
Country	India
Filing Mode	e-Filing
TM Applied For	GePhyto
TM Category	TRADE MARK
Trade Mark Type	WORD
User Detail	Proposed to be used
Certificate Detail	
Valid upto/ Renewed upto	
Proprietor name	(1) VISHAL MANIK MESHRAM Single Firm
Proprietor Address	NEAR SAGUN CONVENT, NEW DURGA COLONY, HASARA, MITEWANI, TUMSAR, BHANDARA - 441912 MAHARASHTRA
Email Id	****shsumyani@gmail.com
Attorney name	HARISH T SUMYANI[6752]
Attorney Address	K K & CO, K K HOUSE 267, CHITNAVIS PARK, NEAR CONGRESS BHAWAN, NAGPUR 440018 (M.S.)
Goods & Service Details	[CLASS : 11] WATER PURIFIER INCLUDED IN CLASS 11

PRINT

ITM Applied For

IGePhyto

PR Details

Correspondence & Notices

Uploaded Documents

EXIT

WARNING/DISCLAIMER : THE DATA OF TRADE MARKS REGISTRY IS UNDER THE PROCESS OF DIGITISATION, IF ANY DISCREPANCY IS OBSERVED IN THE DATA PLEASE CONTACT OR SUBMIT AT APPROPRIATE TRADE MARKS REGISTRY ALONGWITH SUPPORTING DOCUMENTS. THIS WILL HELP IN UPDATION OF ELECTRONIC RECORDS.



Principal
Swaminarayan Siddhanta Institute
of Technology, Kalmeshwar,
Dist. Nagpur-441501