

ORIGINAL

No. 111023

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 357744-005
Date 02/02/2022
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-99 in respect of the application of such design to DEVICE FOR SYNTHESIS OF BIODIESEL FROM VEGETABLE / WASTE OIL in the name of 1. PANDIT DEENDAYAL ENERGY UNIVERSITY, RAISAN VILLAGE, GANDHINAGAR - 382007, GUJARAT, INDIA 2. DR. SURENDRA SINGH KACHHWALA, PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, SCHOOL OF TECHNOLOGY, PANDIT DEENDAYAL ENERGY UNIVERSITY, GANDHINAGAR, 382426, GUJARAT, INDIA 3. DR. PRAVIN KODGIRE, ASSOCIATE PROFESSOR, DEPARTMENT OF CHEMICAL ENGINEERING, SCHOOL OF TECHNOLOGY, PANDIT DEENDAYAL ENERGY UNIVERSITY, GANDHINAGAR, 382426, GUJARAT, INDIA

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

INTELLECTUAL

Controller General of Patents, Designs and Trade Marks

*The reciprocity date (if any) which has been allowed and the name of the country.

Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.

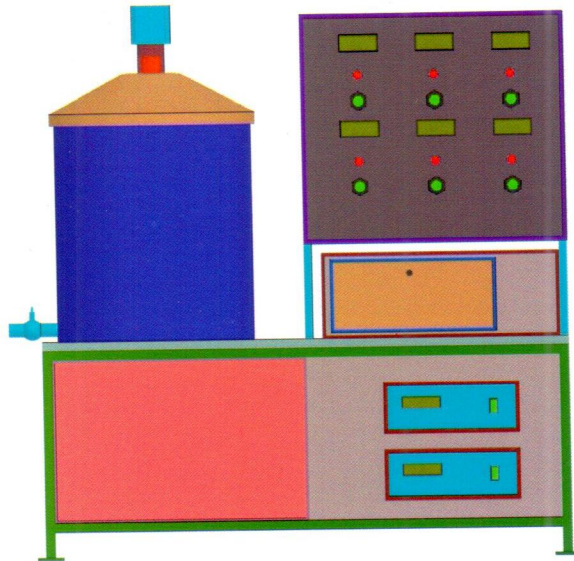
This Certificate is not for use in legal proceedings or for obtaining registration abroad

PROF. TARUN SHAH (REGISTRAR),
PANDIT DEENDAYAL ENERGY UNIVERSITY,
RAISAN VILLAGE, GANDHINAGAR - 382007,
GUJARAT, INDIA

Date of Issue 31/03/2022 12:38:33

Name of the Applicant: PANDIT DEENDAYAL ENERGY UNIVERSITY,
DR. SURENDRA SINGH KACHHWAHA,
DR. PRAVIN KODGIRE

No. of Sheets: 5
Sheet No. 1



FRONT VIEW

The Novelty resides in the shape and configuration of "Device for Synthesis of Biodiesel from Vegetable/waste oil" As illustrated.

No Claim is made by virtue of this registration in respect of any mechanical or, other action of any mechanism whatever or in respect of any mode or principle of construction of the Article.

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, trademarks appearing in the representation.

Date: 31-01-22 Signature of the Applicant

(PANDIT DEENDAYAL ENERGY UNIVERSITY)
(PROF. TARUN SHAH, Registrar)

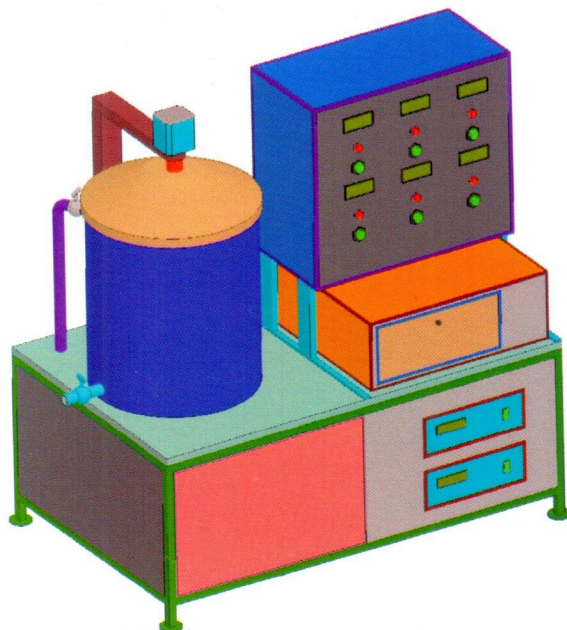
(DR. SURENDRA SINGH KACHHWAHA)

(DR. PRAVIN KODGIRE)

357744-005
02 FEB 2022

Name of the Applicant: PANDIT DEENDAYAL ENERGY UNIVERSITY,
DR. SURENDRA SINGH KACHHWAHA,
DR. PRAVIN KODGIRE

No. of Sheets: 5
Sheet No. 2



PERSPECTIVE VIEW

The Novelty resides in the shape and configuration of "Device for Synthesis of Biodiesel from Vegetable/Waste oil" As illustrated.

No Claim is made by virtue of this registration in respect of any mechanical or, other action of any mechanism whatever or in respect of any mode or principle of construction of the Article.

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, trademarks appearing in the representation.

Date: 31-01-22 Signature of the Applicant

(PANDIT DEENDAYAL ENERGY UNIVERSITY)
(PROF. TARUN SHAH, Registrar)

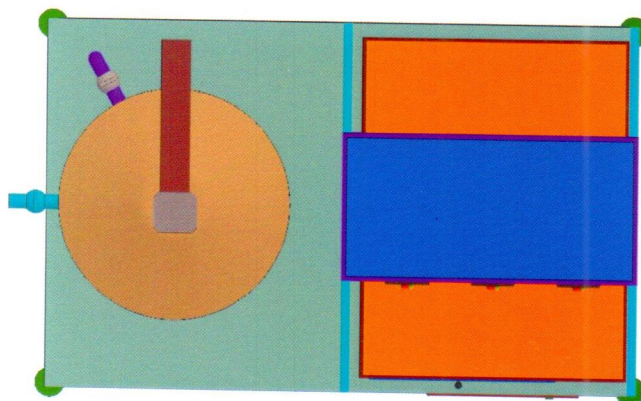
(DR. SURENDRA SINGH KACHHWAHA)

(DR. PRAVIN KODGIRE)

357744-005
02 FEB 2022

Name of the Applicant: PANDIT DEENDAYAL ENERGY UNIVERSITY,
DR. SURENDRA SINGH KACHHWAHA,
DR. PRAVIN KODGIRE

No. of Sheets: 5
Sheet No. 3



TOP VIEW

The Novelty resides in the shape and configuration of "Device for Synthesis of Biodiesel from Vegetable/waste oil" As illustrated.

No Claim is made by virtue of this registration in respect of any mechanical or, other action of any mechanism whatever or in respect of any mode or principle of construction of the Article.

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, trademarks appearing in the representation.

Date: 31-12-22 Signature of the Applicant

(PANDIT DEENDAYAL ENERGY UNIVERSITY)
(PROF. TARUN SHAH, Registrar)

(DR. SURENDRA SINGH KACHHWAHA)

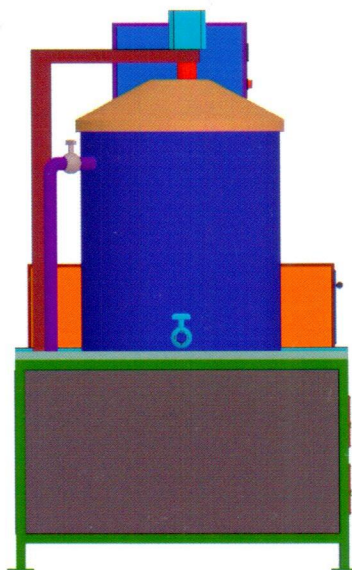
(DR. PRAVIN KODGIRE)

357744-005

02 FEB 2022

Name of the Applicant: PANDIT DEENDAYAL ENERGY UNIVERSITY,
DR. SURENDRA SINGH KACHHWAHA,
DR. PRAVIN KODGIRE

No. of Sheets: 5
Sheet No. 4



SIDE VIEW

The Novelty resides in the shape and configuration of "Device for Synthesis of Biodiesel from Vegetable/waste oil" As illustrated.

No Claim is made by virtue of this registration in respect of any mechanical or, other action of any mechanism whatever or in respect of any mode or principle of construction of the Article.

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, trademarks appearing in the representation.

Date: 31.01.22 Signature of the Applicant

(PANDIT DEENDAYAL ENERGY UNIVERSITY)
(PROF. TARUN SHAH, Registrar)

(DR. SURENDRA SINGH KACHHWAHA)

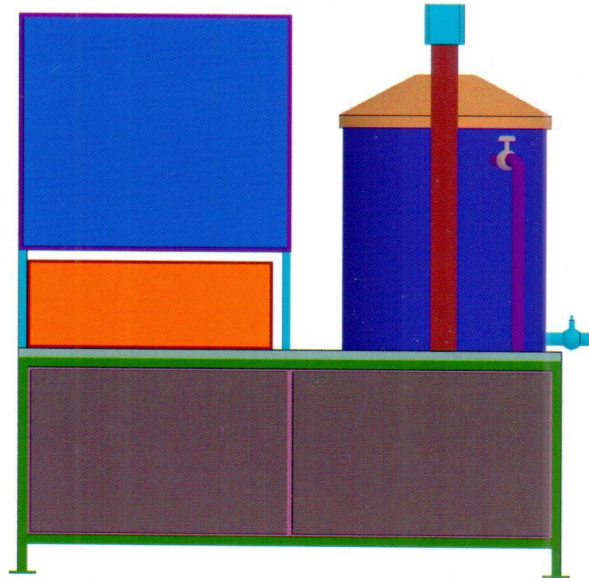
(DR. PRAVIN KODGIRE)

357744-005

02 FEB 2022

Name of the Applicant: PANDIT DEENDAYAL ENERGY UNIVERSITY,
DR. SURENDRA SINGH KACHHWAHA,
DR. PRAVIN KODGIRE

No. of Sheets: 5
Sheet No. 5




BACK VIEW

The Novelty resides in the shape and configuration of "Device for Synthesis of Biodiesel from Vegetable/Waste oil" As illustrated.

No Claim is made by virtue of this registration in respect of any mechanical or, other action of any mechanism whatever or in respect of any mode or principle of construction of the Article.

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, trademarks appearing in the representation.

Date: 31.01.22 Signature of the Applicant


(PANDIT DEENDAYAL ENERGY UNIVERSITY)
(PROF. TARUN SHAH, Registrar)


(DR. SURENDRA SINGH KACHHWAHA)


(DR. PRAVIN KODGIRE)

357744-005

02 FEB 2022