



SENGAMALA THAYAR EDUCATIONAL TRUST WOMEN'S COLLEGE (AUTONOMOUS)

(SILVER JUBILEE INSTITUTION)
(Accredited by NAAC & An ISO 9001:2015 Certified Institution)
(RANKED IN NIRF 2024)

**SUNDARAKKOTTAI, MANNARGUDI,
THIRUVARUR (DT), TAMIL NADU, S.INDIA.**

PATENT PUBLISHED

S. No	Name	Title of invention	Field of invention	Application No.	Date of Filing	Publication date
1	Dr.R.Anuradha & Dr.K.Suganthi	Detects normal or abnormal investigations in digital MR Brain pictures using a computer - aided medical diagnostic tool.	Bio-Medical Engineering	202341004192	20.01.2023	17.02.2023
2	S.Kokila	Design Application	-	380416001	28.02.2023	19.05.2023
3	Dr.R.Anuradha	Nano-Thymoquinone (TQ) as High-Performance Drug Targeting Vehicle for Liver	Chemical	202341032842	09.05.2023	23.06.2023
4	Dr.G.Prasanna	Bio- Engineering Strategies for breast cancer Diagnosis and therapy treatment	Chemical	202341049891	24.07.2023	01.09.2023
5	Dr.P. Padmapriya	Impact and effect of non-biodegradable waste towards Human health in India	Mechanical Engineering	202341045180	05.07.2023	01.09.2023
6	Dr.S.Manikandaselvi	Identifying Micro Organisms from Marine Sediments: Human Nutrition and Health.	Bio-Medical Engineering	202321037115	08.12.2023	05.01.2024

TRADE MERK FILED

Three Trade Mark application has been filed

- Dr.V. Dhivaharan, Correspondent, in the name “Floradex” for a Cough syrup formulation.
- Mrs. Hemalatha Dhivaharan, Trust Board Member, in the name ‘DHL SPICES’ by for a Sambar Masala preparation.
- Dr.R.Anuradha, Associate Professor and Head, in the name ‘Rosini’ for a herbal hair oil preparation.

2021

1. Dr. V. Dhivaharan filed a patent titled "*Instacure – a wound healing polyherbal ointment*" in the field of Biotechnology. The application number is 201941047762 A, filed on 22nd November 2019. It was published on 8th January 2021, and a request for examination was made on 22nd September 2023.

2023

1. Dr. R. Anuradha and Dr. K. Suganthi filed a patent titled "*Detects normal or abnormal investigations in digital MR brain pictures using a computer-aided medical diagnostic tool*" in the field Of Bio-Medical Engineering. The application number is 202341004192, filed on 20th January 2023 and published on 17th February 2023.
2. S. Kokila submitted a design application with the number 380416001, filed on 28th February 2023 and published on 19th May 2023.
3. Dr. B. Kayathri Bai, Dr. J. Anitha, Dr. K. Gomathi, Dr. S. Thazhkuzhali, Dr. J. Annammal, and Ms. G. Bhuvaneshwari filed a patent titled "*Impact of Pradhan Mantri Kisan Samman Nidhi towards the development of farmers in rural areas of India*" in the field of Biotechnology. The application number is 202321026371, filed on 9th April 2023 and published on 22nd May 2023.

4. Dr. R. Anuradha filed a patent titled *"Nano-thymoquinone (TQ) as high-performance drug targeting vehicle for liver"* in the field of chemical sciences. The application number is 202341032842, filed on 9th May 2023 and published on 23rd June 2023.
5. Ms. A. Selvakumari filed a patent titled *"Analysis of 100 days campaign on Catch the Rain towards water conservation in rural India"* in the field of Computer Science. The application number is 202321031118, filed on 1st May 2023 and published on 16th June 2023.
6. Dr. N. Uma Maheswari filed a patent titled *"Improved accumulation efficiency of phosphorous and potassium on selected crop by integrated nutrient management system"* in the field of Computer Science. The application number is 202341038279, filed on 3rd June 2023 and published on 30th June 2023.
7. Dr. M. Kannahi filed a patent titled *"Biotransformation of chicken feather into organic fertilizer"* in the field of Biochemistry. The application number is 202341038277, filed on 3rd June 2023 and published on 18th August 2023.
8. Dr. N. Uma Maheswari filed another patent titled *"Efficacy of vermi-compost produced from different biodegradable wastes on the growth parameters of tomato (Lycopersicum esculentum L.)"* in the field of Chemical Sciences. The application number is 202341043901, filed on 30th June 2023 and published on 1st September 2023.
9. Dr. N. Uma Maheswari also filed a patent titled *"Neutraceutical potentialities of Pleurotus spp. nanoparticles on specific and non-specific immune response in Oreochromis mossambicus"* in the field of Biotechnology. The application number is 202341043896, filed on 30th June 2023 and published on 1st September 2023.
10. Dr. G. Prasanna filed a patent titled *"Bio-engineering strategies for breast cancer diagnosis and therapy treatment"* in the field of Chemical Sciences. The application number is 202341049891, filed on 24th July 2023 and published on 1st September 2023.
11. Dr. P. Padmapriya filed a patent titled *"Impact and effect of non-biodegradable waste towards human health in India"* in the field of Mechanical Engineering. The application number is 202341045180, filed on 5th July 2023 and published on 1st September 2023.
12. Dr. S. Manikandaselvi filed a patent titled *"Identifying micro-organisms from marine sediments: human nutrition and health"* in the field of Bio-Medical Engineering. The application number is 202321037115, filed on 8th December 2023 and published on 5th January 2024.