

# *St. Ann's College for Women*

(Autonomous), Affiliated to Osmania University  
Accredited by NAAC with A<sup>+</sup> Grade (3<sup>rd</sup> cycle), CPE by UGC  
Mehdipatnam, Hyderabad.



## **CRITERION – III RESEARCH, INNOVATIONS & EXTENSION**

### **3.1. Promotion of Research & Facilities**

**3.1.1 Research Promotion Policy  
List of Patents filed & Sanctioned**



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ISO 9001: 2015-ISO 14001: 2015  
Hyderabad- 500028, Telangana, India

### 3.1.1 PATENTS

#### List of Patents Filed & Sanctioned

S.No.	Inventors	Title	Patent Application number	Date of filing	Links	Patent publication information
1.	Dr.D.Sirisha	Process for removing arsenic from water	201921004233A	04/02/2019		Published
2.	Pushpalatha Thumma	System of strong authentication using fingerprint recognition with signature verification	201941054294	28/12/2019		Published
3.	Pushpalatha Thumma	Real time monitoring system for compressed gas artificial lift & method there of	202041005255	06/02/2020		Published
4.	Dr. Khairunnisa Amreen and Dr. Narjis Fatima (Dept. of chemistry)	Green Synthesis Of Electro-Active Cuo Nano Clusters From Phenolic Extract Of PisumSativam Peel	202041010859	13/03/2020		Published



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5.	Dr. H.Ammanni Das and Dr. Narjis Fatima	Synthesis Of Metal Complexes Of A Ligand 1,1'-(5,5'-(1e,1'e)-1,1'-(Propane-1,3-Diylbis(Az	202041023938	08/06/2020		Published
6.	Dr. Mary Francina	“Intelligent real-time sensor <sup>TM</sup> s data for automated decision making in an iot-based smart home”	202141034881 a	03/08/2021		Published
7.	P. Naga Kavitha	An AI and NLP framework for deriving social feedback for business intelligence	202141036033	10/08/2021		Published
8.	Mrs. D. Divya	"rat-o-late- better way than pied piper to eradicate rats"	202141060467	24/12/2021		Granted
9.	Dr. Y. Seetha Mahalakshmi	Artificial Intelligence-based cancer diagnosis and Treatment by using nano particles	202241000502	05/01/2022	<a href="https://drive.google.com/file/d/1xterjzidgefek0nkifv04lxzixos4lxa/view?usp=sharing">https://drive.google.com/file/d/1xterjzidgefek0nkifv04lxzixos4lxa/view?usp=sharing</a>	Published



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10.	Dr Meena patangy, Dr.Poonam Singhal,Noo reen Akhtar	Herbs Masala Powder & Hot Puffs (Herbs Masala)Makha na	2022410204244	12/04/2022	<a href="https://tinyurl.com/mkupzu3">https://tinyurl.com/mkupzu3</a>	Published
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**PATENT CERTIFICATE -GRANTED**

 <b>INTELLECTUAL PROPERTY INDIA</b> PATENTS   DESIGNS   TRADE MARKS GEOGRAPHICAL INDICATIONS	 भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 of The Patents Rules)	क्रमांक : 044147154 SL No : 
पेटेंट नं. / Patent No.	:	413408
आवेदन नं. / Application No.	:	202141060467
कागज़ बनाने की तारीख / Date of Filing	:	24/12/2021
पेटेंटी / Patentee	:	DIVYA DEEPTIMAHANATHI

समाहित किया जाता है कि पेटेंटी की, उपरोक्त आवेदन में समावर्तित RAT-O-LATE-BETTER WAY THAN PIED PIPER TO ERADICATE RATS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख दिनांक 2021 के बीबीसी दिवस से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।  
It is hereby certified that a patent has been granted to the patentee for an invention entitled RAT-O-LATE-BETTER WAY THAN PIED PIPER TO ERADICATE RATS as disclosed in the above mentioned application for the term of 20 years from the 24<sup>th</sup> day of December 2021 in accordance with the provisions of the Patents Act,1970.

**INTELLECTUAL  
PROPERTY INDIA**  
PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS

  
पेटेंट की तारीख : 01/12/2022  
Date of Grant : 01/12/2022  
  
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, जो 24 वीं दिसंबर 2023 को बीबीसी दिवस की 24 वीं वर्षगांठ तक बननी चाहिए, 24 वीं दिसंबर 2023 को बीबीसी दिवस की 24 वीं वर्षगांठ तक बननी चाहिए।  
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 24<sup>th</sup> day of December 2023 and on the same day in every year thereafter.