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PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

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पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

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SL No :

पेटेंट सं. / Patent No. : 399540

आवेदन सं. / Application No. : 202041006661

फाइल करने की तारीख / Date of Filing : 16/02/2020

पेटेंटी / Patentee : 1.RAGHU NINGEGOWDA 2.GOVINDAPPA
BANUPRAKASH 3.SANDEEP CHANDRASHEKHARAPPA

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित N-(4-FLUOROPHENYL)-5-PHENYL-[1,2,4] TRIAZOLO [1,5-A] PYRIDINE-2-CARBOXAMIDE DERIVATIVES AND THEIR SYNTHESIS THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख फरवरी 2020 के सोलहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled N-(4-FLUOROPHENYL)-5-PHENYL-[1,2,4] TRIAZOLO [1,5-A] PYRIDINE-2-CARBOXAMIDE DERIVATIVES AND THEIR SYNTHESIS THEREOF as disclosed in the above mentioned application for the term of 20 years from the 16th day of February 2020 in accordance with the provisions of the Patents Act, 1970.

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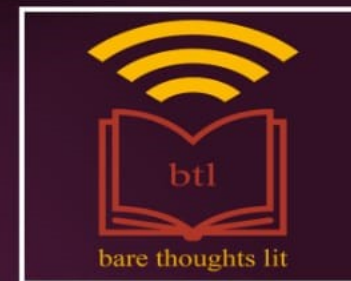
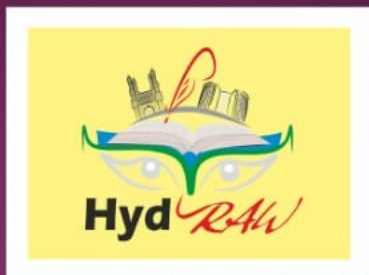
अनुदान की तारीख : 20/06/2022
Date of Grant :

नियंत्रक पेटेंट
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, फरवरी 2022 के सोलहवें दिन को और उसके परवात प्रत्येक वर्ष में उन्नी दिन देय होगी।
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 16th day of February 2022 and on the same day in every year thereafter.



Dr.Raghu, Assistant Professor
Department of Chemistry



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Dr. Preetha Vasani

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Kalam Babu
Founder, HydRAW

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Lavanya Nukavarapu
Founder, Bare Thoughts Lit

Dr. Raghu Ningegowda, Department of Chemistry and Biochemistry

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(54) Title: N-(4-FLUOROPHENYL)-5-PHENYL-[1,2,4] TRIAZOLO [1,5-A] PYRIDINE-2-CARBOXAMIDE DERIVATIVES AND THEIR SYNTHESIS THEREOF

(57) Abstract: The present invention relates to the development of novel N-(4-fluorophenyl)-5-phenyl-[1,2,4]triazolo[1,5-a]pyridine-2-carboxamide derivatives for their different pharmacological activities. It particularly relates to the development of N-(4-fluorophenyl)-5-phenyl-[1,2,4]triazolo[1,5-a]pyridine-2-carboxamide derivatives as antiviral, anticancer, antifungal, hypoglycemic, anti-tubercular, sedative, anti-type 2 diabetes activity. It specifically relates to the N-(4-fluorophenyl)-5-phenyl-[1,2,4]triazolo[1,5-a]pyridine-2-carboxamide derivatives for treatment of H37Rv and multidrug-resistant (MDR) strains of Mycobacterium tuberculosis (MTB). The present invention also relates to the process for synthesis of N-(4-fluorophenyl)-5-phenyl-[1,2,4]triazolo[1,5-a]pyridine-2-carboxamide derivatives. The invention further relates to method for treatment of method for treatment of diseases such as tuberculosis, type 2 diabetes, bacterial, viral and fungal infections. Invention addresses the challenges in working with chemical processes and products by inventing novel reaction methodology that can maximize the desired products and minimize by-products. Designing new synthetic schemes that can simplify operations in chemical productions and seeking nontoxic reagent that are inherently environmentally and ecologically benign. Synthesis of novel N-(4-fluorophenyl)-5-phenyl-[1,2,4]triazolo[1,5-a]pyridine-2-carboxamide derivatives is being employed to develop a novel synthetic methodology and their pharmacological applications. Novel series of N-(4-fluorophenyl)-5-phenyl-[1,2,4]triazolo[1,5-a]pyridine-2-carboxamide derivatives were designed synthesized and evaluated for their in-vitro anti-mycobacterial activity against H37Rv and multi-drug-resistant (MDR) strains of mycobacterium tuberculosis (MTB). All the synthesized compounds were characterized by spectroscopic methods like Mass, NMR and elemental analysis.



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Department of Industrial Policy & Promotion,
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Application Details

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APPLICANT NAME	1 . DR. M. PUSHPA RANI (Director and Professor) 2 . P. MARGARET SAVITHA (Ph D Research Scholar & Assistant Professor)
TITLE OF INVENTION	MACHINE LEARNING MODEL ON PREDICTIVE DIAGNOSIS AND PREVENTION OF COVID-19 OUTBREAK
FIELD OF INVENTION	COMPUTER SCIENCE
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सम्मान-पत्र

डॉ. सरिता रावत
लखनऊ, उत्तर प्रदेश

GSSM / ABSSS/2021/MP-U-53

आदरणीय महोदया,

आपके शिक्षा के क्षेत्र में किए गए उल्लेखनीय योगदान अथक परिश्रम, कुशल नेतृत्व, बहुमुखी प्रतिभा युक्त समर्पित सेवा भाव से समाज निरंतर लाभान्वित होता रहा है। आपने अपनी सच्चरित्रता, नैतिकता, कर्मठता, विनम्रता, सहजता, दृढ़ संकल्पशीलता से शिक्षा जगत को नौद्वान्वित किया है।

आपकी सुदीर्घ शिक्षा सेवा, सारस्वत साधना, शैक्षिक क्षेत्र में महत्वपूर्ण उपलब्धियों, शिक्षा प्रदेयों, महनीय शोध कार्य तथा नवाचार के लिए राष्ट्रीय/अंतरराष्ट्रीय प्रतिष्ठा के आधार पर हमारी चयन समिति की अनुशंसा पर दिनांक 25 दिसंबर 2021 को आयोजित अखिल भारतीय सारस्वत सम्मान समारोह में नर्मदा शक्तिधाम सेवार्थ फाउंडेशन की ओर से

शिक्षा शिरोमणि

सारस्वत सम्मान प्रदान किया जाता है।
हम आपके उज्ज्वल भविष्य की
कामना करते हैं।

स्थान : उज्जैन
दिनांक : 25 दिसंबर 2021

डॉ. शिवनन्दन नाथ
अध्यक्ष

अश्वनी शर्मा
सचिव



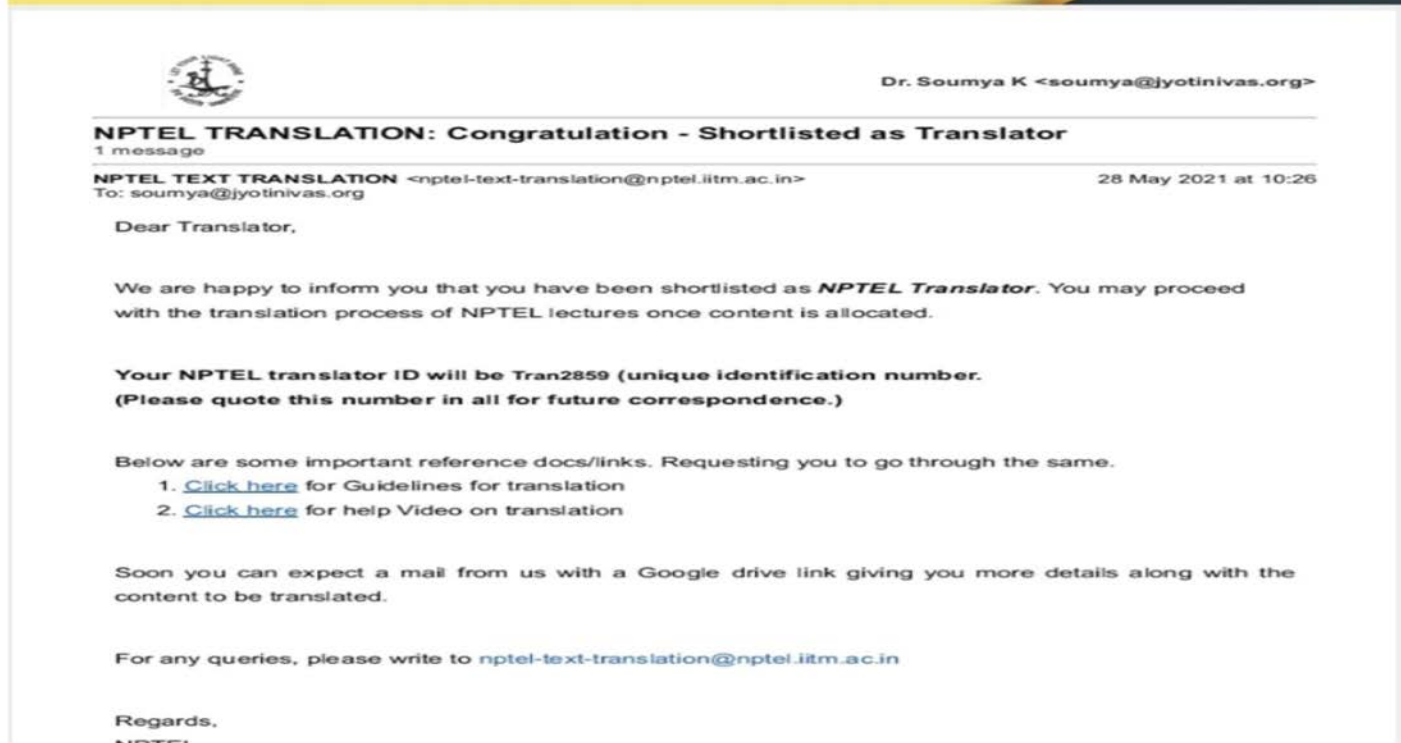
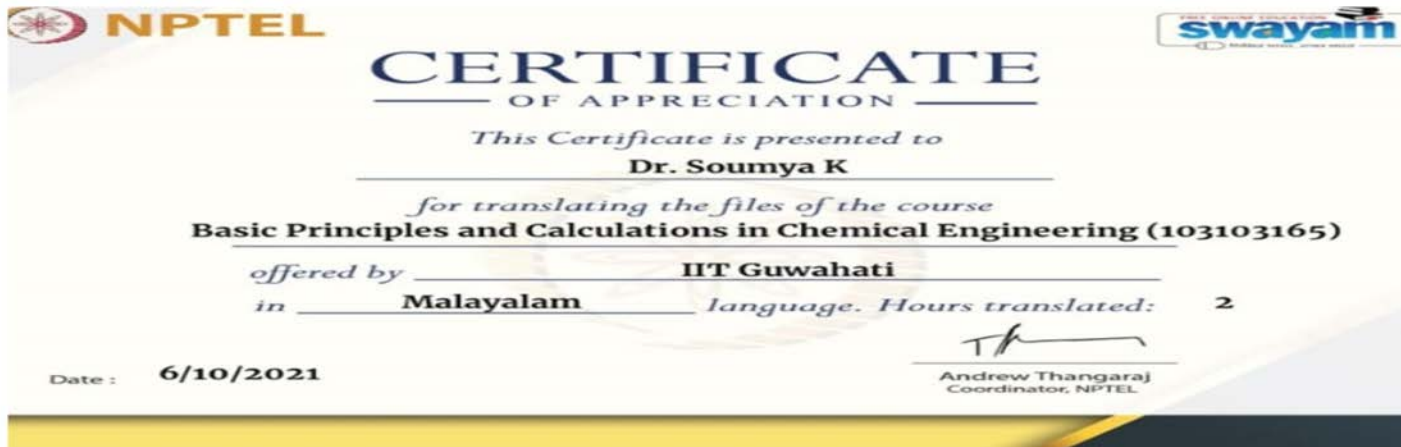
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**International
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8th March 2022



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for being a role model in the community and for the outstanding
contributions towards the society.


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