



डॉ बी आर अम्बेडकर नेशनल इंस्टीट्यूट ऑफ टेक्नोलॉजी, जालंधर
Dr. B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR
Department of Chemical Engineering

Patent Granted

Sr. No.	Title of Invention	Title of Invention	Patent No.
1.	An improved packed bed photocatalytic reactor with high and uniform illumination and an associated technique of purification	Dr JK Ratan	4290/DEL/2015
2.	An improved cement paint composition and a method of preparing thereof	Dr JK Ratan	202011032783
3.	Technology Transfer for commercial production of Air Purifier(Technology Transferred to HiSafe Electronic Corporation, Panchkula)	Dr JK Ratan	Commercial Product launched on 11-11-2020. 4290/DEL/2015
4.	Coper-Zinc-Magnesium Catalyst for Highly Selective Conversion of Glycerol to 1,2-Propenediol in Liquid Phase	Dr Nitin Naresh Pandhare	373960
5.	Biodegradable Packaging Films from Modified Barley Husk and Method of Synthesis Thereof	Dr. Aanchal Mittal, Dr. Sangeeta Garg, Dr. S Bajpai, Dr. Jatinder Kumar Ratan	416366



क्रमांक : 011132232
SL No :



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No.	:	361300
आवेदन सं. / Application No.	:	4290/DEL/2015
पाइल करने की तारीख / Date of Filing	:	28/12/2015
पेटेटी / Patentee	:	DR.B.R. AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY

प्रमाणित किया जाता है कि पेटेटी को उपरोक्त आवेदन में यथाप्रकटित AN IMPROVED PACKED BED PHOTOCATALYTIC REACTOR WITH HIGH AND UNIFORM ILLUMINATION AND AN ASSOCIATED TECHNIQUE OF PURIFICATION नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 28th day of December 2015 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 AN IMPROVED PACKED BED PHOTOCATALYTIC REACTOR WITH HIGH AND UNIFORM ILLUMINATION AND AN ASSOCIATED TECHNIQUE OF PURIFICATION as disclosed in the above mentioned application for the term of 20 years from the 28th day of December 2015 in accordance with the provisions of the Patents Act,1970.



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GEOGRAPHICAL INDICATIONS

अनुदान की तारीख : 16/03/2021
Date of Grant

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए कोश, यदि इसे बनाए रखा जाय है, 28th day of December 2017 को और उसके समानांतर प्रत्येक वर्ष में उठाने किए जायेंगे।
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 28th day of December 2017 and on the same day in every year thereafter.

Patents Published/ Filed

S. N.	Title of Invention	Inventors	Patent No.
1.	Wheel sanitization system for light weight vehicle	Dr L K Awasthi, Dr. S K Mishra Dr. S Bajpai	202011033070
2.	Shoe sole sanitizer with contact-time alert	Dr Lalit K Awasthi, Dr Rajiv K Garg, Dr Anish Sachdeva, Dr. S Bajpai,	202011028336
3.	Air Cooled and Breathable Single Piece Bodysuit for Personal Protection	Vishwajeet, Renuka Dr Ajay Bansal, Dr Renu Gupta Dr K K Deepak, Dr Dilbag Singh	202011034189
4.	Controlled Artificial Gravity Generating Bed	Vishwajeet, Renuka, Dr Ajay Bansal, Dr Renu Gupta Dr K K Deepak, Dr Dilbag Singh	202111001877
5.	A Controlled Pushup Exercise Device for Astronauts	Vishwajeet, Renuka, Dr Ajay Bansal, Dr Renu Gupta Dr K K Deepak, Dr Dilbag Singh	202111043897
6.	Designing of Polymer-Polymer-Solvent Coatings and their Mathematical Modeling & Validation	Raj Kumar Arya and G D Verros	2022/12894