



RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi ,

Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Department of Robotics and Automation

Academic Year 2022 23

Patent

Sl No.	Name of the Applicants	Title	Year	Application Number	Status
1	Prof. Thanuj Kumar M	BICYCLE	2023	353543-001	Granted
2	Dr N Sreenivasalu Reddy	Flat Plate Solar Collector With Wavy Shaped Riser Tubes	2023	392159-001	Granted
3	Dr N Sreenivasalu Reddy	Solar Water Heating System With V Shaped Reflectors	2023	395686-001	Granted

Faculty Publications 2022-23

International Journals:

- 1) Radhakrishna R Kumshikar, Shankara Reddy R, Ravikumar T "Experimental study of the effect of impact energy on open face helmet fabricated using woven bamboo and jute fiber reinforced with epoxy composites" International Journal of Advanced Technology and Engineering Exploration, Vol 9(95), ISSN (Print): 2394-5443 ISSN (Online): 2394-7454 <http://dx.doi.org/10.19101/IJATEE.2021.875131>
- 2) Radhakrishna R Kumshikar, Shankara Reddy R, Siddesha H S "Optimization of Mechanical Properties of Woven Bamboo and Jute Fiber Reinforced in Epoxy Composites Using Taguchi Methodology" European Chemical Bulletin, 2023,12(10), 4593-4598, DOI: 10.48047/ecb/2023.12.10.3222023.13/07/2023
- 3) Dr. N Sreenivasalu Reddy, Dr. Vishwanath K C, Kanchiraya S "A COMPREHENSIVE REVIEW ON PERFORMANCE ENHANCEMENT ANALYSIS OF SOLAR FLAT PLATE COLLECTOR", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.9, Issue 4, Page No pp.759-763, October 2022, Available at : <http://www.ijrar.org/IJRAR22D1224.pdf>

Campus: #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

Phone:+91-80-28437124 / 28437375

Email Id: hodra@rrce.org

Website: <https://www.rrce.org>



RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi,
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Department of Robotics and Automation

- 4) Dr.Vishwanath K C, Dr. N. Sreenivasalu Reddy “DESIGN AND FABRICATION OF AUTOMATED 360° ROTATING MACHINE WITH SOUND WAVE BASED FIRE EXTINGUISHER”, IJRAR – International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.9, Issue 3, Page No pp.67-73, August 2022, Available at
: <http://www.ijrar.org/IJRAR1CSP013.pdf>
- 5) K S Madhu, Dr. Shankara Reddy R, Dr. S G Sanga Shetty “Experimental Study on the Effect of Heat Transfer In Heat Exchanger with Varying Helical Coil Pitch and Inclination Angle using Tio₂–Water Nanofluid” International Journal of Creative Research Thoughts (IJCRT), Volume 11, Issue 7 July 2023 | ISSN: 2320-2882: [IJRTI \(ijcrt.org\)](http://ijrti.ijcrt.org)
- 6) K S Madhu, Dr. Shankara Reddy R, Dr. S G Sanga Shetty, Dr. Satheesha V “Heat Transfer and Pressure Drop variation in Helical Coil Heat Exchanger with varying pitch using Water-based Tio₂ Nanofluid” European Chemical Bulletin, 2023, 12(7), 2300-2308, DOI:[10.48047/ecb/2023.12.7.1792023.17/06/2023](https://doi.org/10.48047/ecb/2023.12.7.1792023.17/06/2023)



ORIGINAL

मूल/No : 125483



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 353543-001
तारीख / Date : 22/11/2021
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BICYCLE** से संबंधित है, का पंजीकरण, श्रेणी 12-11 में 1.Dr. Achyutha Prasad N 2. Dr. Channakrishnaraju 3.Dr. Raghavi K Bhujang 4.Dr. Suresh M B 5.Dr. Aravind K U 6.Prof. Thanuj Kumar M 7.Dr. Piyush Kumar Pareek के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

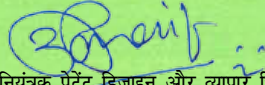
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 12-11 in respect of the application of such design to **BICYCLE** in the name of 1.Dr. Achyutha Prasad N 2. Dr. Channakrishnaraju 3.Dr. Raghavi K Bhujang 4.Dr. Suresh M B 5.Dr. Aravind K U 6.Prof. Thanuj Kumar M 7.Dr. Piyush Kumar Pareek.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

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

INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 13/01/2023


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*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.

