



Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021100083

The Commissioner of Patents has granted the above patent on 17 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Prem Kumar Chaurasiya of Asst. Professor, Mechanical Engineering, Sagar Institute of Science & Technology Gandhi Nagar Bhopal, Madhya Pradesh 462036 India

D. Hemanand of Assistant Professor, Dept.of Computer Science and Engineering, Sriram Engineering College Perumalpattu, Veppampattu (R.S.) Tiruvallur District, Tamil Nadu 602024 India

Upendra Rajak of Assistant Professor, Department of Mechanical Engineering, Rajeev Gandhi Memorial College of Engineering & Technology Nandyal Andhra Pradesh India

Tikendra Nath Verma of Assistant Professor, Department of Mechanical Engineering, Maulana Azad National Institute of Technology Bhopal India

Thokchom Subhaschandra Singh of Lecturer, Department of Mechanical Engineering, National Institute of Technology Manipur Langol, Imphal West Manipur India

Pradeep Chhawchharia of Professor and OSD, Geetanjali Institute of Technical Studies Udaipur Rajasthan 313022 India

Tulika Chakrabarti of Assistant Professor (Grade-A), Dept.of Chemistry, Sir Padampat Singhania University Udaipur Rajasthan 313601 India

Ananda Shankar Hati of Assistant Professor, (Electrical Engineering), Dept. of Mining Machinery Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand- 826004 India

Rajiv Vincent of Assistant Professor, Dept.of Computer Science and Engineering, VIT University OMR, Chennai TAMIL NADU 600127 India

V. M. Jothiprakash of Assistant Professor, Dept. of Mechanical Engineering, Easwari Engineering College Ramapuram, Chennai Tamil Nadu 600 089 India

Reddappa Hosur Nanji Reddy of Associate Professor, Department of Mechanical Engineering, Bangalore Institute of Technology K. R. Road,V. V. Pura, Bengaluru Karnataka 560 004 India

Prasun Chakrabarti of Provost & Institute Endowed Distinguished, Senior Chair Professor, Techno India NJR Institute of Technology Udaipur Rajasthan 313003 India

**Title of invention:**

A dynamic legged locomotion process using the spring-loaded inverted pendulum (SLIP) for soft robot

**Name of inventor(s):**

Chaurasiya, Prem Kumar; Hemanand, D.; Rajak, Upendra; Verma, Tikendra Nath; Singh, Thokchom Subhaschandra; Chhawchharia, Pradeep; Chakrabarti, Tulika; Hati, Ananda Shankar; Vincent, Rajiv; Jothiprakash, V. M.; Reddy, Reddappa Hosur Nanji and Chakrabarti, Prasun



Dated this 17<sup>th</sup> day of March 2021

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.