



National and International Patent Published by Dr. Jyoti Dinkar Bhosale

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Certificate of Registration for a UK Design

Design number: 6295235

Grant date: 17 July 2023

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This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

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in respect of the application of such design to:

International Design Classification:

Version: 14-2023

Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING

INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS

Subclass: 05 INSTRUMENTS, APPARATUS AND DEVICES FOR CHECKING, SECURITY OR TESTING

Adam Williams

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Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



**Published Patent Indian Design “Intelligent Resource Allocation in IoT Networks
Using Machine Learning”**

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शासकीय जर्नल

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<p>(51) International classification :G06N0020000000, G06F0009500000, H04W0072040000, H04L0041081600, H04W0004700000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)Dr. Suraj Shankarrao Damre Address of Applicant :Assistant Professor, Avirat 502, Midtown Phase 1 – Ravet, Pune 412101 Maharashtra, India -----</p> <p>2)Miss. Ashwini Vishwanathrao Biradar</p> <p>3)Dr. Sanket Gunderao Torambekar</p> <p>4)Mr. Rajkumar Bhimrao Pawar</p> <p>5)Miss. Rupali Tukaram Umbare</p> <p>6)Dr. Jyoti Dinkar Bhosale</p> <p>7)Mr. Shrinivas Kiran Patil</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)Dr. Suraj Shankarrao Damre Address of Applicant :Assistant Professor, Avirat 502, Midtown Phase 1 – Ravet, Pune 412101 Maharashtra, India -----</p> <p>2)Miss. Ashwini Vishwanathrao Biradar Address of Applicant :Assistant Professor, C/O: Amar V. Patil, Wadwalkar Patil Building, Tilak Nagar, Latur 413512 Maharashtra, India -----</p> <p>3)Dr. Sanket Gunderao Torambekar Address of Applicant :C/O. Shree Swami Samarth Provisions, Front of Yogeshwari College, Parali Road, Ambajogai 431517 Maharashtra, India -----</p> <p>4)Mr. Rajkumar Bhimrao Pawar Address of Applicant :Assistant Professor, A-202, Atharva Garden, Radha Krishna Nagar, Bahadur Shaikh Naka, Chiplun, Ratnagiri 415605 Maharashtra, India -----</p> <p>5)Miss. Rupali Tukaram Umbare Address of Applicant :Assistant Professor, Avirat 502, Midtown Phase 1 – Ravet, Pune 412101 Maharashtra, India -----</p> <p>6)Dr. Jyoti Dinkar Bhosale Address of Applicant :Assistant Professor, Vilasrao Deshmukh Foundation Group of Institutions, VDF School of Engineering, MIDC, New Airport Road, Latur 413531 Maharashtra, India -----</p> <p>7)Mr. Shrinivas Kiran Patil Address of Applicant :Flat no -102, Krushnakunj Apartment, Near Mangalya Hospital, North Kasaba , Solapur 413007 Maharashtra, India -----</p>
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(57) Abstract :

The present invention relates to intelligent resource allocation in Internet of Things (IoT) networks, specifically employing machine learning techniques to optimize resource utilization. The system utilizes a dynamic and adaptive approach to allocate resources efficiently, considering the varying demands and constraints within the IoT environment. The invention leverages machine learning algorithms to predict and adapt to network conditions, ensuring optimal performance and resource utilization.

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