



Criterion 3- Research, Innovations and Extension

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation center and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident.

PATENT PUBLICATION DETAILS

Sr.no	Details	
1.	Dr. Rajeshkumar Kashyap	
2.	Dr. Madhavi Shamkuwar	Automatic detection and classification of eye disease using convolution neural network and image processing

Dr. M
Director

Zeal Institute of Business Administration
Administration Computer Application
& Research, Pune-411041.

(54) Title of the invention : AUTOMATIC FRAUD DETECTION IN MOBILE MONEY TRANSACTIONS USING MACHINE LEARNING

(51) International classification :G06N0020000000, G06Q0040040000, G06N0007000000,
E04D0015040000, G06F0016340000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
 ABSTRACT Our Invention Automatic Fraud Detection in Mobile Money Transactions Using Machine Learning is a investigates a compelling information digging framework for misrepresentation location in versatile monetary exchanges. Endeavoring two expansive utilized regulated AI models, irregular backwoods and slope boosting, the review plans to test and think about their materialness in the identification of false records. Both order models were created utilizing a manufactured dataset of portable cash exchanges, which was produced dependent on an example of genuine exchanges separated from a global versatile cash administration organization. The beginning of COVID-19 has re-accentuated the significance of FinTech particularly in agricultural nations as the significant forces of the world are now partaking in the benefits that accompany the reception of FinTech. Treatment of actual money has been set up as a method for communicating the clever Covid. Once more, research has set up that, been unbanked raises the capability of sinking one into miserable neediness. Throughout the long term, non-industrial nations have been directing the different types of InTech, yet the extremely one that has come to remain is the Mobile Money Transactions (MMT). As portable cash exchanges endeavor to acquire traction, it deals with a few issues, the most significant of them is versatile cash misrepresentation. This invention tries to give an answer for this issue by seeing AI calculations dependent on help vector machines (piece based), inclination supported choice (tree-based) and Naïve Bayes (probabilistic based) calculations, thinking about the imbalanced idea of the dataset. Our tests showed that the utilization of angle supported choice tree holds an incredible potential in battling the issue of versatile cash extortion as it had the option to deliver close to consummate outcomes.

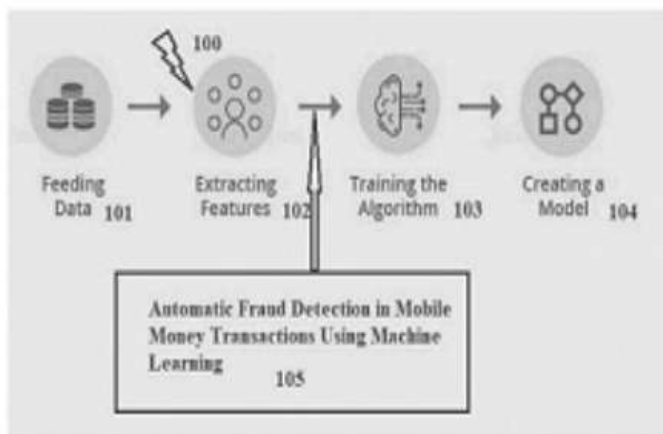


Fig.1: Automatic Fraud Detection in Mobile Money Transactions Using Machine Learning, Flow Chart.

No. of Pages : 17 No. of Claims : 7

FORM 9

THE PATENT ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003

REQUEST FOR PUBLICATION

[See section 11A (2) rule 24A]

I/We Mr Goli Raja Ramesh, Dr. D. Baswaraj, Madhavi Udaybhan Shamkuwar, Dr K Sreerama Murthy, Mrs. B. Subhashree, Dr. Sasmita Kumari Nayak, Ms. M. Seeni Syed Raviyathu Ammal, Dr. SIVAKUMAR R, Mr. J Logeshwaran, Dr. V. Kannan hereby request for early publication of my/our [Patent Application No.] TEMP/E-1/70874/2022-CHE

Dated 28/10/2022 00:00:00 under section 11A(2) of the Act.

Dated this- 28 October 2022

Signature-



Name – Gaurav Singhal

IN/PA 1426

Agent for the applicant

To,
The Controller of Patents,
The Patent Office,
At Chennai

FORM-3
THE PATENTS ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2016
STATEMENT AND UNDERTAKING UNDER SECTION 8
(See Section 8, rule 12)

We,

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9	Mr.J Logeshwaran	Indian	Research Scholar, Department of Electronics and Communication Engineering, Sri Eshwar College of Engineering, Coimbatore
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do hereby declare that,

(i) that I/we have not made any application for this application No. _____ dated 28th October 2022 the same/substantially the same invention outside India.

(ii) that the rights in the application(s) has/have been assigned to no one

(iii) that I undertake that up to the date of acceptance of the complete specification by the Controller, I would keep him informed in writing the details regarding corresponding applications for patents filed outside India within six months from the date of filing such application.

Dated this 28th October 2022



Gaurav Singhal
IN/PA 1426
Agent for the applicant

To
The Controller of Patents
The Patent Office, Chennai