

(54) Title of the invention : INTELLIGENT PROCESS OF ANTI-MONEY LAUNDERING USING ARTIFICIALINTELLIGENCE TOOL

<p>(51) International classification :G06N 050400, G06N 070000, G06N 200000, G06Q 204000, G06Q 400400</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 : 1)Ms. Parul Goel Address of Applicant :Assistant Professor, Noida Institute of engineering and technology NIET Gautam Buddh Nagar, Uttar Pradesh - 201310 -----</p> <p>2)Ms. Anushka Shivhare 3)Mr. Madneeta Singh 4)Mr. Sunil Kadiyan 5)Mr. Pardeep Kumar 6)Mr. Balraj Hooda 7)Mr. Hari Parshad 8)Mr. Jitender Kumar 9)Dr Govinda Rao Locharla 10)Ms. Neha Varshney 11)Ms. Reeta Mishra 12)Dr Amit Parashar 13)Dr Sunil Kumar Sharma 14)Mr. Mohit Gupta Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Ms. Parul Goel Address of Applicant :Assistant Professor, Noida Institute of engineering and technology NIET Gautam Buddh Nagar, Uttar Pradesh - 201310 -----</p> <p>2)Ms. Anushka Shivhare Address of Applicant :Assistant Professor, School of Computer Science and Emerging Technology, Department of Data Science , Noida Institute of engineering and technology NIET Gautam Buddh Nagar, Uttar Pradesh - 201310 -----</p> <p>3)Mr. Madneeta Singh Address of Applicant :Assistant Professor, Noida Institute of engineering and technology NIET Gautam Buddh Nagar, Uttar Pradesh - 201310 -----</p> <p>4)Mr. Sunil Kadiyan Address of Applicant :Assistant Professor, Ganga Institute of Technology & Management, Kablana, Jhajjar Haryana- 124104 -----</p> <p>5)Mr. Pardeep Kumar Address of Applicant :Assistant Professor, Ganga Institute of Technology & Management, Kablana, Jhajjar Haryana- 124104 -----</p> <p>6)Mr. Balraj Hooda Address of Applicant :Assistant Professor, Ganga Institute of Technology & Management, Kablana, Jhajjar Haryana- 124104 -----</p> <p>7)Mr. Hari Parshad Address of Applicant :Assistant Professor, Ganga Institute of Technology & Management, Kablana, Jhajjar Haryana- 124104 -----</p> <p>8)Mr. Jitender Kumar Address of Applicant :Assistant Professor, Ganga Institute of Technology & Management, Kablana, Jhajjar Haryana- 124104 -----</p> <p>9)Dr Govinda Rao Locharla Address of Applicant :Associate Professor, GMR Institute of Technology, Andhra - 501401 Pradesh -----</p> <p>10)Ms. Neha Varshney Address of Applicant :Assistant Professor, Department: Data Science ABESIT, Ghaziabad, Uttar Pradesh- 201009 -----</p> <p>11)Ms. Reeta Mishra Address of Applicant :Assistant Professor, NIET, greater Noida -----</p> <p>12)Dr Amit Parashar Address of Applicant :Associate Professor, GL Bajaj Group of Institutions, Mathura Affiliated to Dr A P J Abdul Kalam Technical University, Lucknow -----</p> <p>13)Dr Sunil Kumar Sharma Address of Applicant :Assistant Professor, School of Engineering & Applied Science, Gati Shakti Vishwavidyalaya, Vadodara 390004 -----</p> <p>14)Mr. Mohit Gupta Address of Applicant :Assistant Professor, RKGIT, Ghaziabad -----</p>
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(57) Abstract :
The present invention relates to an intelligent process (100) of anti-money laundering using artificial intelligence tools. The process (100) comprises of a following steps: data collection is the first step is to collect relevant data from various sources, including financial transactions, customer information, and external data feeds; data preprocessing is then started once the data is collected; it needs to be pre-processed to ensure its quality and consistency; Pattern Recognition addressed AI models can be trained to recognize patterns and anomalies in financial data that may indicate potential money laundering activities; Risk Scoring enables AI tools can assign risk scores to customers or transactions based on their likelihood of involvement in money laundering activities; Entity Link Analysis also addresses AI can assist in identifying relationships between different entities involved in financial transactions, such as customers, businesses.

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