

(54) Title of the invention : TRUTHAI: AN ADVANCED SOLUTION FOR DETECTINGCOMPUTER-GENERATED IMAGES AND VIDEOS IN THE DIGITAL AGE

<div>(51) International classification :G06N0020000000, G06N0003000000, G06T0001000000, H04N0021440000, G06T0007330000</div> <div>(86) International Application No :NA</div> <div>(87) International Publication No : NA</div> <div>(61) Patent of Addition to Application Number :NA</div> <div>(62) Divisional to Application Number :NA</div>		<div>(71)Name of Applicant : 1)Mr. SUNDARESAN B Address of Applicant :Assistant Professor, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 ----- 2)Mr. NITHIN KUMAR R 3)KAMAL T N 4)MUTHU RUBAN T 5)VIGNESH T 6)DRAVIDRAJAA.S 7)JOTHIPRAKASAM.W 8)THIRUNAVUKARASU.S Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Mr. SUNDARESAN B Address of Applicant :Assistant Professor, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 ----- 2)Mr. NITHIN KUMAR R Address of Applicant :Assistant Professor, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 ----- 3)KAMAL T N Address of Applicant :UG Scholar, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 ----- 4)MUTHU RUBAN T Address of Applicant :UG Scholar, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 ----- 5)VIGNESH T Address of Applicant :UG Scholar, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 ----- 6)DRAVIDRAJAA.S Address of Applicant :UG Scholar, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 ----- 7)JOTHIPRAKASAM.W Address of Applicant :UG Scholar, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 ----- 8)THIRUNAVUKARASU.S Address of Applicant :UG Scholar, Dept Of CSE, Velammal Institute of technology, Chennai- kolkotta National highway, Panchetti, ponneri, Thiruvallur (DT)-601204 -----</div>
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(57) Abstract :  
TruthAI is a groundbreaking solution developed to combat the proliferation of deceptive images, particularly those generated by AI, in the digital landscape. In response to the escalating threats posed to personal privacy and trust, TruthAI employs advanced techniques and machine learning algorithms to detect AI- generated images effectively. By scrutinizing image details, hidden information, and inconsistencies, TruthAI accurately assesses the authenticity of images, thereby safeguarding users against harmful manipulations. This innovative tool not only preserves personal privacy but also restores trust in online images, fostering a safer and more reliable digital environment. With its swift identification of AI-generated images, TruthAI catalyzes a paradigm shift in how we perceive and trust digital media, aligning seamlessly with our overarching goal of establishing a robust defense against digital deception.

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