



Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India



Application Details

APPLICATION NUMBER	202511085980
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/09/2025
APPLICANT NAME	1 . Dr. Uchit Kapoor 2 . Dr Joydeb Patra 3 . Dr Prodipta Barman 4 . Manisha Naskar 5 . Himan Kar
TITLE OF INVENTION	Automated Legal Impact Assessment through Model-Based Algorithms
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	arthkalpone@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--



पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 39/2025
ISSUE NO. 39/2025

शुक्रवार
FRIDAY

दिनांक: 26/09/2025
DATE: 26/09/2025

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511085980 A

(19) INDIA

(22) Date of filing of Application :10/09/2025

(43) Publication Date : 26/09/2025

(54) Title of the invention : Automated Legal Impact Assessment through Model-Based Algorithms

(51) International classification :G06Q0050180000, G06Q0030018000, G06Q0010100000, H04L0009060000, G06F0040284000		(71)Name of Applicant : 1)Dr. Uchit Kapoor Address of Applicant :1815 Civil Lines, Jagadhri ----- 2)Dr Joydeb Patra 3)Dr Prodipta Barman 4)Manisha Naskar 5)Himan Kar Name of Applicant : NA Address of Applicant : NA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. Uchit Kapoor Address of Applicant :1815 Civil Lines, Jagadhri -----
(87) International Publication No	: NA	2)Dr Joydeb Patra Address of Applicant :Assistant Professor, School of Law, Brainware University, Kolkata, West Bengal -----
(61) Patent of Addition to Application Number	:NA	3)Dr Prodipta Barman Address of Applicant :Assistant Professor , School of Law, Brainware University, Kolkata, West Bengal -----
Filing Date	:NA	4)Manisha Naskar Address of Applicant :Assistant Professor, Assistant Professor, School of Law, Brainware University, Kolkata, West Bengal -----
(62) Divisional to Application Number	:NA	5)Himan Kar Address of Applicant :Senior Doctoral Scholar, Vidyasagar University, Rangawati , Midnapur, West Bengal -----
Filing Date	:NA	

(57) Abstract :

ABSTRACT The present invention relates to a system and method for automated legal impact assessment using algorithmic models. The invention enables structured evaluation of statutory provisions, judicial precedents, and regulatory updates through computational techniques. The system comprises an input module for receiving legal documents, a preprocessing engine for normalizing and extracting features, an algorithmic model trained on historical case data, and a rules-based reasoning module for mapping outputs to relevant case laws. The invention further provides a legal impact assessment table referencing Indian and international case numbers with corresponding statutory interpretations. The method includes steps of receiving input data, preprocessing legal content, applying an algorithmic model, mapping the results to case law databases, and generating an output report in structured form. The invention improves accuracy, speed, and consistency in predicting legal impacts, thereby assisting practitioners, regulators, and compliance professionals in decision-making.

No. of Pages : 19 No. of Claims : 9