

पेटेंट कार्यालय  
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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : ASHOKA: DIGITAL LEGAL AID AND REHABILITATION PLATFORM

<div>(51) International classification :G06Q0050180000, G06Q0030060100, G16H0010600000, G06F0009451000, G06Q0010063900</div> <div>(86) International Application No :NA Filing Date :NA</div> <div>(87) International Publication No : NA</div> <div>(61) Patent of Addition to Application Number :NA Filing Date :NA</div> <div>(62) Divisional to Application Number :NA Filing Date :NA</div>		<div>(71)Name of Applicant : <b>1)RAJALAKSHMI ENGINEERING COLLEGE</b> Address of Applicant :Thandalam, Chennai - 602105, Tamil Nadu, India Chennai ----- <b>Name of Applicant : NA</b> <b>Address of Applicant : NA</b> (72)Name of Inventor : <b>1)Mr. Aashish Kumar RA</b> Address of Applicant :UG Student, Department of ECE, Rajalakshmi Engineering College Thandalam, Chennai -602105, Tamil Nadu, India Chennai ----- ---- <b>2)Ms. Avantika G</b> Address of Applicant :UG Student, Department of ECE, Rajalakshmi Engineering College Thandalam, Chennai – 602105, Tamil Nadu, India Chennai ----- ---- <b>3)Ms. Rakshana NB</b> Address of Applicant :UG Student, Department of ECE, Rajalakshmi Engineering College Thandalam, Chennai - 602105, Tamil Nadu, India Chennai ----- ---- <b>4)Mr. Raghavan S</b> Address of Applicant :UG Student, Department of CSE, Rajalakshmi Engineering College Thandalam, Chennai - 602105, Tamil Nadu, India Chennai ----- ---- <b>5)Dr. T. Manikandan</b> Address of Applicant :Professor, Department of ECE, Rajalakshmi Engineering College Thandalam, Chennai - 602105, Tamil Nadu, India Chennai ----- ----</div>
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(57) Abstract :  
Ashoka is a secure, AI-powered digital platform designed to support undertrial prisoners by integrating legal aid, blockchain-secured data management, and IoT-enabled rehabilitation tools. It addresses the multifaceted challenges within India’s criminal justice system, focusing on reducing recidivism and enhancing accessibility to justice. Ashoka provides personalized legal guidance through an AI-driven assistant, a secure digital marketplace connecting inmates with pro bono lawyers and NGOs, and real-time dashboards for legal professionals and authorities to monitor case progress. The platform incorporates multilingual support to ensure inclusivity for users from diverse socio-economic backgrounds and offers offline functionality tailored to restricted environments such as prisons. By leveraging cutting-edge technologies like AI and blockchain, Ashoka bridges the gap between legal representation, rehabilitation, and justice, empowering inmates with timely support and fostering a fairer and more efficient system. This transformative solution aims to create a streamlined ecosystem for legal aid and reformation.

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