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(54) Title of the invention : MACHINE LEARNING BASED APPROACH TO STUDY THE POSITIVE AND NEGATIVE TRAITS OF GENOME EDITING TECHNIQUE IN CANCER PATIENTS

<p>(51) International classification :C12N0009220000, C12N0015100000, G06N0020000000, C12Q0001688600, C12N0015090000</p> <p>(86) International Application No Filing Date :PCT// :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant : 1)DR S KIRUBAKARAN Address of Applicant :ASSOCIATE PROFESSOR,DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ,CMR COLLEGE OF ENGINEERING AND TECHNOLOGY, KANDLAKOYA, HYDERABAD 501 401 Medchal ----- 2)MONIKA M 3)PRASHANT SAXENA 4)GITA SAHU 5)MR. CHHATRAPAL 6)DR HARISHCHANDER ANANDARAM 7)DR. PRAGYA SHUKLA 8)VANDANA KATE 9)DR. K. MANOHARAN 10)SUJITH RAVI 11)P.DHIVYA 12)GURUMEET WADHAWA Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)DR S KIRUBAKARAN Address of Applicant :ASSOCIATE PROFESSOR,DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ,CMR COLLEGE OF ENGINEERING AND TECHNOLOGY, KANDLAKOYA, HYDERABAD 501 401 Medchal ----- 2)MONIKA M Address of Applicant :ASSISTANT PROFESSOR / MCA, CAMBRIDGE INSTITUTE OF TECHNOLOGY, KR PURAM, BANGALORE - 36. Bangalore ----- 3)PRASHANT SAXENA Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF BIOTECHNOLOGY KS VIRA COLLEGE OF ENGINEERING & MANAGEMENT BIJNOR 246701 Bijnor ----- 4)GITA SAHU Address of Applicant :ASSISTANT PROFESSOR, COLUMBIA INSTITUTE OF PHARMACY, RAIPUR - 492001, CHHATTISGARH, INDIA Raipur ----- 5)MR. CHHATRAPAL Address of Applicant :ASSISTANT PROFESSOR, GAYATRI COLLEGE OF PHARMACY, DANTEWADA - 494449, CHHATTISGARH, INDIA Dantewada ----- 6)DR HARISHCHANDER ANANDARAM Address of Applicant :ASSISTANT PROFESSOR, CENTRE FOR EXCELLENCE IN COMPUTATIONAL ENGINEERING AND NETWORKING, AMRITA VISHWA VIDYAPEETHAM, COIMBATORE - 641112, TAMIL NADU, INDIA Coimbatore ----- 7)DR. PRAGYA SHUKLA Address of Applicant :ASSOCIATE PROFESSOR, INSTITUTE OF ENGINEERING AND TECHNOLOGY, INDORE, MADHYA PRADESH. Indore ----- 8)VANDANA KATE Address of Applicant :RESEARCH SCHOLAR, INSTITUTE OF ENGINEERING AND TECHNOLOGY, INDORE, MADHYA PRADESH. Indore ----- 9)DR. K. MANOHARAN Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF BME, SNS COLLEGE OF TECHNOLOGY, SARAVANAMPATTI, COIMBATORE, TAMILNADU-641035 Coimbatore ----- 10)SUJITH RAVI Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF MICROBIOLOGY, SRM MEDICAL COLLEGE HOSPITAL AND RESEARCH CENTRE, FACULTY OF MEDICINE AND HEALTH SCIENCES, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR - 603203 Chengalpattu ----- 11)P.DHIVYA Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS, M KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM KARUR, TAMILNADU. PINCODE - 639113 Karur ----- 12)GURUMEET WADHAWA Address of Applicant :DEPARTMENT OF CHEMISTRY KARMAVEER BHAURAO PATIL COLLEGE VASHI Thane -----</p>
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(57) Abstract :
Machine Learning based approach to study the Positive and Negative Traits of Genome Editing Technique in Cancer Patients is the proposed invention. The invention focuses on analysing the importance of genome editing techniques in the treatment of cancer patients. The invention aims at analysing both positive and negative aspects of genome-editing techniques to weigh its performance.

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