

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202411010346 A

(19) INDIA

(22) Date of filing of Application :14/02/2024

(43) Publication Date : 23/02/2024

(54) Title of the invention : DEEP LEARNING BASED TECHNIQUES TO ANALYZE THE PROS AND CONS OF VARIOUS HYDROGEL-BASED BIOELECTRONICS COMPONENTS

(51) International classification :G06N0003080000, G06K0009620000, A61B0005145000, G06N0020000000, H04W0004029000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MJP ROHILKHAND UNIVERSITY

Address of Applicant :MJP ROHILKHAND UNIVERSITY, BAREILLY, INDIA. Bareilly -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Prof K. P. Singh

Address of Applicant :Vice-Chancellor's Secretariat, MJP Rohilkhand University, Bareilly, India Bareilly -----

2)Prof. Anil Singh

Address of Applicant :Professor, Professor, Dept. of Electronic and Instrumentation, MJPRU, Bareilly, India Bareilly -----

3)Prof. Vinay Rishiwal

Address of Applicant :Professor, Dept. of CSIT, MJPRU, Bareilly, India Bareilly -----

4)Dr. Brajesh Kumar

Address of Applicant :Associate Professor, Dept. of CSIT, MJPRU, Bareilly, India Bareilly -----

5)Prof. Naveen Kumar

Address of Applicant :Professor, Dept. of Applied Mathematics, MJPRU, Bareilly, India Bareilly -----

(57) Abstract :

Deep Learning based techniques to analyze the pros and cons of various hydrogel-based bioelectronics components is the proposed invention. The proposed invention focuses on studying the various hydrogel-based bioelectronics components. The invention focuses on analyzing the parameters of pros and cons of bioelectronics components using algorithms of Deep Learning.

No. of Pages : 12 No. of Claims : 4