

(54) Title of the invention : A SYSTEM FOR DISEASE DETECTION IN PLANTS USING DEEP CONVOLUTIONAL NEURAL NETWORK AND METHOD THEREOF

<p>(51) International classification :G06N0003040000, G16H0050200000, G06K0009620000, G06T0007000000, G06N0003080000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)Dr. Nabeel Ahmad</b> Address of Applicant :Associate Professor &amp; Head, School of Biotechnology, IFTM University Moradabad U.P. India 244102 -----</p> <p><b>2)Dr Arvind Kumar Shukla</b> <b>3)Dr. Preeti Bala</b> <b>4)Mr. Rajan Prasad</b> <b>5)Dr. Abhishek Kumar Mishra</b> <b>6)Dr. Rakesh Kumar Yadav</b> <b>7)Mr. Adnan Ahmad</b> <b>8)Om Prakash Singh</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Dr. Nabeel Ahmad</b> Address of Applicant :Associate Professor &amp; Head, School of Biotechnology, IFTM University Moradabad U.P. India 244102 -----</p> <p><b>2)Dr Arvind Kumar Shukla</b> Address of Applicant :Associate Professor, Department of Computer Application,IFTM University, Moradabad U.P. India 244102 -----</p> <p><b>3)Dr. Preeti Bala</b> Address of Applicant :Assistant Professor, Department of Computer Application, SRMIST, Delhi-Meerut Road, Modinagar, U.P. 201204 -----</p> <p><b>4)Mr. Rajan Prasad</b> Address of Applicant :Associate Professor, Department of Computer Science &amp; Engineering, Babu Banarasi Das University, Lucknow-206028, U.P. India -----</p> <p><b>5)Dr. Abhishek Kumar Mishra</b> Address of Applicant :Associate Professor, Department of Computer Science &amp; Engineering , SCS &amp; A, IFTM University, Moradabad UP, India 244102 -----</p> <p><b>6)Dr. Rakesh Kumar Yadav</b> Address of Applicant :Assistant Professor, Department of Computer Science &amp; Engineering, SCS &amp; A, IFTM University, Moradabad UP, India 244102 -----</p> <p><b>7)Mr. Adnan Ahmad</b> Address of Applicant :Assistant Professor, Department Of Bioengineering, Integral University, Lucknow U.P. India 226022 -----</p> <p><b>8)Om Prakash Singh</b> Address of Applicant :Department of Computer Science &amp; Engineering, Dr. K.N. Modi Institute of Engineering and Technology, Modinagr, Ghaziabad, 201204, U.P. India -----</p>
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(57) Abstract :

The present invention discloses a system for disease detection in plant leaves using deep convolutional neural network and method thereof. The present invention is comprised of, but not limited to, a processing unit communicatively coupled with a memory unit for collecting dataset containing various image set of plant leaves. Further, the dataset collected, can contain a plurality of images of plant leaves distributed proportionally among various classes—cedar rust, multiple diseases, and healthy leaves.

No. of Pages : 19 No. of Claims : 4