(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141025145 A

(19) INDIA

(22) Date of filing of Application :07/06/2021

(43) Publication Date : 25/06/2021

(54) Title of the invention : SYSTEM AND METHOD OF INTELLIGENT FOOD VENDING MACHINE KIOSK

(51) International classification	:G06K0009000000, G07F0017000000, G06N0003040000, G06Q0020320000, G07F0009100000	(71)**Name of Applicant :** **1)Dr. K.Reddy Madhavi** Address of Applicant :Associate Professor, CSE, Sree Vidyanikethan Engineering College,Sree Sainath Nagar, A.Rangampet Andhra Pradesh India (72)**Name of Inventor :** **1)Dr.Y Srinivasa Kishore Babu** **2)Dr.Tripura Pidikiti** **3)Dr. Chaitanya Duggineni** **4)Dr. L.Venkateswara Reddy** **5)Dr. Vithyalakshmi. N** **6)Dr.Telagarapu Prabhakar** **7)Dr.J.Avanija**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :
The mechanism to provide food automatically based on end users preferences is not available in normal food vending machines. Artificial intelligence offers automated services to end users by examining their preferences and provides services accordingly. Moreover the devices can be implemented with artificial intelligence to perform end user services automatically based on their preferences. The present invention provides system and method of intelligent food vending machine kiosk serving food automatically based on end user preferences. The Artificial Intelligence based facial recognition module specified in the invention receives the end users images captured by image capturing unit and uses convolution neural network technology to identify end users. The present invention also supports end users by customizing their food preferences providing options for breakfast/lunch/dinner and get food automatically after successful payment through contactless payment module scanning QRcode.

No. of Pages : 17 No. of Claims : 10