

(54) Title of the invention : SYSTEM FOR FACE RECOGNITION AND VALIDATION DURING THE EXAMINATION

<p>(51) International classification :H04N0019560000, A61B0005117100, G06T0007000000, G09B0007020000, G09B0007000000</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 :</p> <p>1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)MITTAL, Teena Address of Applicant :Associate Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)KAUR, Gaganpreet Address of Applicant :Associate Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>3)KAUR, Mandeep Address of Applicant :Assistant Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>4)PRABHA, Chander Address of Applicant :Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>5)VEERAMANICKAM M.R.M Address of Applicant :Associate Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>6)N. BHARATHIRAJA Address of Applicant :Associate Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

A system for face recognition and validation during the examination. The system is configured to identify a candidate and restrict malpractice in an examination. In involves registering a candidate, at blocks 204 and 206, for the examination. The system further collects user information and saves the reference data at block 210. When, at block 212, the candidate appearing for the examination logs in and his ongoing verification is done, the session starts. The system further takes the reference image for comparison and stores it. Whenever the exam starts, any difference in the reference image can be notified to the administrator/ Procter by the system.

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