

**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE-12****(Autonomous)****(Accredited by NAAC with A Grade)****DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****(Accredited by NBA)****Academic Year: 2021-2022****LIST OF PATENTS**

| S.No. | Name of the Patent filed  | Name of the co-inventor         | Date of filing & Application Number | Status                  |
|-------|---|---------------------------------|-------------------------------------|-------------------------|
| 1     | Blockchain-based secure, reliable, and distributed voting system.   | K.Mohanapriya                   | 202111041201 & 14.09.2021           | Published on 01/10/2021 |
| 2     | Smart voice emotion identification system for affective electronic learning using Image processing technique. | Dr.M.Deepa                      | 202141046599 & 12.10.2021           | Published on 12/10/2021 |
| 3     | Deep Learning based smart attendance management system  | M.Mohanasundari                 | 202131040837 & 09.09.2021           | Published on 03/12/2021 |
| 4     | AI based smart cloud computing 8k video codec   | Dr.S.Jabeen Begum               | 202141042899 & 22.09.2021           | Published on 05/11/2021 |
| 5     | Deep Learning based fault detection electrical distribution network   | C.Kotteeswari<br>Dr.S.Kayalvili | 202141049829 & 30.10.2021           | Published on 12/11/2021 |
| 6     | Embedded systems based anti-theft ATM machine   | Dr.S.Kayalvili                  | 202141055342 & 30.11.2021           | Published on 10/12/2021 |
| 7     | Scanning and identification of public with ambulance device using AADHAR card databank                        | Dr.V.Latha Jothi                | 202141046856 & 14.10.2021           | Published on 29/10/2021 |
| 8     | Flexible ARM 3D Printer with parametric control using AI  | Dr.S.Sadesh                     | 202241014771 & 17.03.2022           | Published on 08.04.2022 |