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| Team Members  1. 20881A04J6 – Ms. B. SATHWIKA - 8309300013  2. 20881A04K2 -Ms. ESHITA PATEL - 7780640893  3. 20881A04K8 -Mr. G. MUKHESH - 7569694664  4. 20881A04L4 – Mr. K.SAI MANISH - 9550648421  5. 20881A04M0- Mr. M HEMANTH REDDY - 7032153283  Dept. of Electronic and Communication Engineering | C:\Users\vce-cse\Desktop\logoCAZQ2TIU.JPG  VARDHAMAN COLLEGE OF ENGINEERING  (AUTONOMOUS)  Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified  Kacharam, Shamshabad, Hyderabad – 501218, Telangana, India  EPICS - PRODUCT EXPO – 2K22 | | | Faculty Mentors  Dr. B. SRIKANTH, Assistant Professor, ECE |
| AUTOMATIC SPEED CONTROL SYSTEM IN DIFFERENT ZONES | | | | |
| Objectives   * The project is about the speed limiting in vehicles. * Here, we show how to control the speed of vehicles on highway and on the country roads. * These systems offer opportunities to control vehicle speeds and movements in order to avoid the road accidents. * So, to avoid such accidents we are implementing this project. | | **Need Statement**   * To reduce number of accidents due to over speed of the vehicles by controlling the speed of the vehicle | **SDG & Sub-SDG** | |
| Details of Community Partner   * Name of Person/NGO/etc.: G.Kishore * Age/Date of Establishment: 25 * Occupation/Work culture: Automobile Engineer * Location: Shivapuri colony, Manikonda * Mobile Number:8897212370 | | **Detailed Specifications**  Arduino UNO  GPS Module  Jumper Wires  DC Motor  Battery  L293D  Bread Board  Arduino Cable | **Detailed Budget**  Arduino UNO Rs. 450/-  GPS Module Rs. 1000/-  Jumper Wires Rs. 100/-  DC Motor Rs. 30/-  Battery Rs. 75/-  L293D Rs. 30/-  Bread Board Rs. 50/-  Arduino Cable Rs. 100/-    Cost of Product/Process: Rs. 1770/- | |
| Architecture/Block Diagram/Concept Design  Diagram  Description automatically generated | | **Product Picture** | **Feedback of Community Partner**   * The community partner said that the project is very good in controlling the speed of the vehicles and said that by this way we can reduce the percentage of accidents. * He also suggested to set the limit of speed more than required so that at the time of emergencies it will not cause any problems. | |