VISHWAKARMA INSTITUE OF TECHNOLOGY

DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES

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| **PSAP PROJECT BATCH No:-2** | **PSAP PROJECT GROUP No:-I6** | **ACADEMIC YEAR 2022-23** | | **SEMESTER-1** |
| TITLE OF PROJECT | Avoiding neck Bending while taking on the phone while driving a vehicle | | | |
| DOMAIN | PDAD | | | |
| TOOLS | Design Thinking | | | |
| TECHNOLOGY |  | | | |
| NAME OF GUIDE | P.R.Vaidya | | Roll Numbers:-30,31,32,33,34,35 | |

* The product is a monkey cap with extra pockets on either side.
* The pockets are made up of the same material as a cap, i.e Woollen fabric.
* These pockets are designed so that the earpiece of the phone will be near the user's ear and the bottom is near the mouth.
* The pockets will be covered with Velcro straps to prevent the phone from falling off.
* Velcro is very easy to use, lightweight and reliable. Plastic fibre strips are maintained on the edge of the cap to make it more sturdy.
* A Small patch of mesh-like fabric is placed inside the cap at the points of the earpiece and mouthpiece to allow clear voice exchange.
* This cap can be made taking into consideration three different conditions.
  + The first case is the summer season in which normal caps can be converted into caps with phone holders.
  + The second case is the monsoon season in which the cap will be made with a different fabric making it waterproof and yet with audio clarity.
  + The third is the winter season in which the cap can be made using wool so that it also keeps you warm.