

VISHWAKARMA INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES

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.