

Form 1: Project Information Form

1. Team No: 20		
2. Project Title: Multi Modal Assistive System for People with Disabilities		
3. Team Details:		
Sl. No	Hall ticket Number	Name
1	20EG105310	CHITHANURU CHANDHANA
2	20EG105323	KANDULA SRI PAVANI
3	20EG105328	MEDOJU VAMSHI KRISHNA
4	20EG105348	SUNCHIKALA JHANSI
4. Problem Statement: Millions of individuals with disabilities face daily challenges navigating communication and accessibility barriers. Deaf communities struggle to connect with hearing individuals, those with limited speech or writing abilities lack avenues for expression, and navigating environments can be daunting for those with visual or mobility impairments. Existing assistive technologies often address these challenges in isolation, failing to provide a holistic solution.		
5. Source of Project: https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9354800		
6. Final Outcome: An application providing advanced assistive services for people with disabilities		
7. What are parameters considered for project evaluation: <ul style="list-style-type: none">• Accuracy• Integration and user experience• Speed and efficiency• Improved communication and increased independence		
8. Development Environment: Operating system: Windows Frameworks & libraries: TensorFlow, Flask, Pytorch, NumPy, pandas and NLTK Additional tools: jupyter notebook, google colab and VS code		
Signature Team Members 1 2 3 4		
Signature Supervisor		