**GESTURE RECOGNITION SYSTEM FOR CONVERTING SIGN LANGUAGE TO TEXT**

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*A project report(Phase-1) submitted to*

*Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal*

*Toward partial fulfilment of*

*the degree of*

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*in*

*Computer Science & Engineering*

**Guided by:- Submitted by:-**

Dr. Urjita Thakar Aishwarya Gurjar(0801CE151010)

Professor, Divas Jain (0801CS151027)

Department of Computer Science & Engineering Mansi Agrawal(0801CS151043)

Romil Jain(0801CS151062)

Siddhant Gupta(0801CS151079)

**Department of Computer Science & Engineering**

**Shri Govindram Seksaria Institute of Technology & Science**

**Indore (M.P.)**

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# **Shri Govindram Seksaria Institute of Technology & Science, Indore (M.P.)**



**CERTIFICATE**

This is to certify that the project report(Phase-1) entitled “GESTURE RECOGNITION SYSTEM FOR CONVERTING SIGN LANGUAGE TO TEXT AND AUDIO”, submitted by Aishwarya Gurjar, Divas Jain, Mansi Agrawal, Romil Jain, Siddhant Gupta students of final year B.E. (Computer Science and Engineering) in the year 2018-2019 of this institute, is a satisfactory account of their Project work (Phase-1) based on syllabus.

**Internal Examiner External Examiner**

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Mansi Agrawal

Romil Jain

Siddhant Gupta

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**Abstract**

A real-time sign language translator is an important milestone in facilitating communication between the deaf community and the general public. Being able to recognize sign language is an interesting machine learning problem while simultaneously being extremely useful for deaf people to interact with people who don’t know how to understand American Sign Language. The Hand Gesture Recognition System is highly desired due to its ability to overcome the barrier between deaf and hearing people. At present, a robust recognition system is still unavailable in the real world due to numerous obstacles such as external hardware requirements. Additionally, as we know, Hand Gesture recognition has emerged as one of the most important research areas in the field of human computer interaction (HCI).