A PROJECT REPORT

ON

3D RECONSTRUCTION USING STEREO IMAGES

BY

SUHANI SAXENA (13246)

SAMIKSHA AGARWAL(13232)

LIPI GUPTA (13215)

UNDER THE SUPERVISION OF

PROF. R K Singh

A DISSERTATION SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF DEGREE OF

IN

BACHELOR OF TECHNOLOGY

COMPUTER SCIENCE AND ENGINEERING



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING KAMLA NEHRU INSTITUTE OF TECHNOLOGY SULTANPUR (U.P.) – 228118

(An Autonomous State Government Institute)

AFFILIATED TO

DR A. P. J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW (U.P.) INDIA 2016-2017

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

KAMLA NEHRU INSTITUTE OF TECHNOLOGY

SULTANPUR (U.P.) – 228118



CERTIFICATE

This is to certify that Suhani Saxena(13246), Samiksha Agarwal(13232) & Lipi Gupta(13215) have carried out the project work in this report entitled "3D Reconstruction using Stereo Images" for the award of Bachelor of Technology in Computer Science and Engineering at Kamla Nehru Institute of Technology, affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow.

This report is the record of the candidates' own work carried out by them under our supervision and guidance. This project work is the part of their Bachelor of Technology in Information Technology curriculum.

Their performance was excellent and we wish them good luck for their future endeavors.

Prof. RK Singh Prof. Neelendra Badal Dr. Anil Kumar Malviya

(Project Guide)

Prof. Neelendra Bada (Project In-Charge) Dr. Anil Kumar Malviya
(Professor & Head)