SYMMETRICAL GROUP THEORY IN THE CREATION PROCESS OF DIGITAL HOLOGRAM

A project submitted to the Bharathiar University in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

Name Reg. No.

BHARANI PRIYA S 18UMAT070

BHARATHI PRIYA N 18UMAT071

BRINDHA T 18UMAT072

CHANDROOPA G 18UMAT073

DEEPIKA J 18UMAT074

Under the Guidance and Supervision of Dr. S. NAGARAJAN, M.Sc., M.Phil., Ph.D., PGDCA.,

DEPARTMENT OF MATHEMATICS



Affiliated to Bharathiar University, Coimbatore
Approved by UGC & AICTE, New Delhi & Re-accredited by NAAC
(An ISO 9001:2015 Certified Institution)

NANJANAPURAM, ERODE - 638 107.

MARCH - 2021



CERTIFICATE

This is to certify that the project entitled, "Symmetrical group theory in the creation process of Digital Holograms" submitted to the Bharathiar University, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS is a record of work done by BHARANI PRIYA S, BHARATHI PRIYA N, BRINDHA T, CHANDROOPA G, DEEPIKA J during the period 2018-2021 of our study in the Department of Mathematics, Kongu Arts and Science College(Autonomous), Erode, under my supervision and guidance and the project has not performed the basis for the award of any Degree / Diploma / Associate ship / fellowship or similar title to any candidate of any University.

Place: Erode

Date: 29.03.2021.

Signature of the G (Dr.S. NAGARAJAN)

> Head of the Dopartment Department of Mathematics Kongu Arts and Science College (Autonomous) Erodo-33C 107

HEAD O

Department of Mathematics Kongu Arts and Science College

(Autonomous)

KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

NANJANAPURAM, ERODE - 638 10%

Submitted for the End Semester Viva-Voce Examination held on 30.03, 2021

CE COLL

RODE

INTERNAL EXAMINER

Head of the Dopartment Department of Mathematics Kongu Arts and Science College (Autonomous) Erode-338 107