

GURU GHASIDAS VISHWAVIDYALAY, BILASPUR (C.G)

DEPARTMENT OF PURE AND APPLIED PHYSICS

SESSION: 2020-2021

(A Central University Established by the Central Universities Act, 2009 No.25 of 2009)

CERTIFICATE

This is to certify that the thesis entitled, "FERROELECTRIC MATERIALS AND ITS APPLICATIONS" submitted by Miss. BHUMIKA PATEL in partial fulfilments for the requirements for the award of Master of Science Degree in Physics Department at GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G) is an authentic work carried out by him under my supervision and guidance.

To the best of my knowledge and belief of the project

• Embodies the work of the candidate him/herself, and has not been submitted for the award of any degree.

• Has duly been completed.

• Full fills the requirement of the Ordinance relating to the M.Sc. degree of the University and

O Is up to the desired standard in respect of contents and is being referred to the examiners.

विभागाध्यक्ष /H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.) (Signature of the Guide) Dr. Goverdhan Reddy Turpu
