

CERTIFICATE

This is to certify that the project entitled “**Vibrational Properties and DFT Calculations**” submitted by **Sanju Suryvanshi** in the partial fulfilment for the requirements for the requirements for the award of Master of Science Degree in Physics at Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) 495009, India is an authentic work carried out by under my supervision and guidance.

To the best of my knowledge, the matter embodies in the thesis has not been submitted to any other University/Institute for the award of Degree or Diploma.

Dr. Rambabu Pachineela

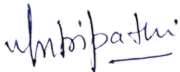
ASSISTANT PROFESSOR

Department of Pure & Applied Physics
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APPROVAL CERTIFICATE

This is to certify that the project entitled “**Vibrational Properties and DFT Calculations**” submitted by “**Sanju Suryvanshi**” is approved for the award of Master of Science in Physics.

Prof. P. K. Bajpai


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