



BMS

COLLEGE OF ENGINEERING

Affiliated to VTU | Approved by AICTE | Accredited by NBA & NAAC

DEPARTMENT OF MECHANICAL ENGINEERING

P.B. NO.: 1908, Bull Temple Road,
Bengaluru-560 019, Karnataka, India
Phone : +91-80-2662 2130-35
Fax : 080-26614357 Extn.: 119
URL : www.bmsce.ac.in

Date: 24 November 2021
Ref. No. Dr. BSK/C/2021/01

CERTIFICATE

This is to certify that **Guru Nanma P** (USN: 1BM18CS031) of Department of Computer Science and Engineering, B. M. S. College of Engineering, has worked under my supervision from 1 March 2021 to 24 November 2021 in the research field of image processing, machine learning for predictive maintenance, and soft computing. She had engaged and contributed extensively to the successful completion of following research projects under my assistance: “**Bald Eagle Search Algorithm for High Precision Inverse Kinematics of Hyper-Redundant 9-DOF Robot**” and “**Determining Principal Stresses in Open Pipes using Computer Vision, and Transfer Learning**”.

Dr. SACHIN KUMAR B. M. Tech., Ph. D.

Assistant Professor

Department of Mechanical Engineering

Bull Temple Road, Basavanagudi,

Bengaluru - 560 019, Karnataka | INDIA

Phone No.: +91 – 9964499597

email ID: sachinkumarb.mech@bmsce.ac.in