



DEPARTMENT OF INDUSTRIAL & PRODUCTION ENGINEERING
SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY,
GURU GHASIDAS VISWAVIDYALAYA, BILASPUR (C.G.)
(A Central University Established by the Central University Act 2009 No. 25 of 2009)


CERTIFICATE

We hereby submit the major project report entitled “BARRIER’S IN IMPLEMENTING FROM LEAN & GREEN TO SUSTAINABLE MANUFACTURING IN INDIAN MANUFACTURING INDUSTRY USING WEIGHTED PRODUCT MODEL (W.P.M).” in the Department of Industrial & production engineering of Guru Ghasidas Vishwavidyalaya, under the supervision of ARPITA ROYCHOUDHARY, Assistant Professor, Department of Industrial & production engineering Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)’.


ANUJ RANJAN SINGH

(Roll - 18105004)
(Enrollment No. – GGV/18/1054)

The major project report is hereby approved for submission.


ARPITA ROY CHOUDHARY
(Supervisor)
(Assistant Professor)
(Department of Industrial & production Engineering)
(I.T., GGV)


Bilaspur

EXTERNAL EXAMINER

Dr. SHARAD CHANDRA SRIVASTAVA
(Head of Department)
(Department of Industrial & Production Engineering)
(I.T., GGV)
विभागाध्यक्ष / Head
औद्योगिक एवं उत्पादन अभियंत्रिकी
Industrial & Production Engineering
प्रौद्योगिकी संस्थान / Engineering & Technology
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.).