Major Project Report

ON

Biomass waste-derived activated carbon electrode materials for super-capacitor applications

Submitted in partial fulfilment of the requirement for the award of

BACHELOR OF TECHNOLOGY

IN

CHEMICAL ENGINEERING

SESSION 2024-25

SUBMITTED BY-

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SCHOOL OF STUDIES OF ENGINEERING & TECHNOLOGY

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR, (C.G.), INDIA

MAY, 2025

CERTIFICATE OF APPROVAL

This is to certify that the work which is being presented in the B.Tech. Major Project Report entitled **"Biomass waste derived activated carbon electrode materials for super-capacitors applications"** in partial fulfilment of the requirements for the award of the Bachelor of Technology in Chemical Engineering and submitted to the Department of Chemical Engineering, Institute of Technology, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh, India is an authentic record of bonafide and original work carried out during a period of January 2025- May 2025 under the supervision of **Mr. Satyajit Bhattacharjee, Assistant Professor of Chemical Engineering Department.** The matter presented in this project report does not include any material that has been submitted by anyone else for the award of any other degree elsewhere.

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