



## Department of chemistry

Guru Ghasidas Vishwavidyalaya., Bilaspur (C.G) India

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### CERTIFICATE

This is to certify that the thesis entitled, "Adsorptive removal of methylene blue using the low-cost waste of Curcuma caesia" submitted by SUHANI JENA in the partial fulfillment of the requirements for the award of Master of Science Degree in Chemistry at the Department of Chemistry, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.), 495009, INDIA is an authentic work carried out by her under my supervision and guidance. To the best of my knowledge, the matter embodied in the thesis has not been submitted to any other University/ Institute for the award of Degree.

Date:

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13.9.22

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