



## Department of Chemistry

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

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### CERTIFICATE

This is to certify that the thesis entitled, **“SCHIFF BASE STABILIZED METAL NANOPARTICLES AS POTENTIAL CHEMOSENSORS FOR HAZARDOUS METAL IONS”** submitted by **KAMINI GUPTA** in the partial fulfillment for the requirements for the award of M.Sc. Chemistry Degree at 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 or Diploma.

  
Signature of guide

G.K. PATRA

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