



**SORPTION DYNAMICS OF MODIFIED NUT SHELLS ON
Ni(II), Co(II), Cr(VI) IONS FROM AQUEOUS SOLUTIONS
AND INDUSTRIAL EFFLUENTS – EQUILIBRIUM,
ISOTHERMAL AND KINETIC STUDIES**



*Thesis submitted to Bharathiar University in partial fulfilment
of the requirements for the award of the degree of*

DOCTOR OF PHILOSOPHY IN CHEMISTRY

By

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**DEPARTMENT OF CHEMISTRY
PSGR KRISHNAMMAL COLLEGE FOR WOMEN
College with Potential for Excellence
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