

**CORROSION MITIGATION PERFORMANCE OF NATURAL AND
SYNTHETIC INHIBITORS ON MILD STEEL, REBAR AND
Ti ALLOY**

**Thesis submitted to the Bharathiar University in partial fulfillment
of the requirements for the award of the Degree of**

DOCTOR OF PHILOSOPHY IN CHEMISTRY

By

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PSGR Krishnammal College for Women



**DEPARTMENT OF CHEMISTRY
PSGR KRISHNAMMAL COLLEGE FOR WOMEN**

College of Excellence

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Coimbatore - 641 004

DECEMBER 2019

CHAPTER VIII

SCOPE FOR FUTURE WORK

- The performance of natural and synthetic inhibitors can be evaluated on metallic components like copper, aluminium, alloys, stainless steel etc.,
- Synergistic effect of the inhibitor can be studied.
- The corrosion inhibition performance can be evaluated in nitric and phosphoric acid as they also important in industrial chemicals.
- Epoxy-green nanoclay can be further applied to magnesium alloys as they find application in computer parts, aerospace, household equipment's etc.,
- The inhibitors can be assessed for their validity in electroplating industries.