

**SYNTHESIS AND CHARACTERIZATION OF 5-SULPHOSALICYLIC ACID
COBALT(II) COMPLEX**

Dissertation

**Submitted to Bharathiar University in partial fulfillment of the requirement for the
award of the degree of**

MASTER OF SCIENCE IN CHEMISTRY

Done by

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Reg.No.172CH001

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*[An Autonomous Institution affiliated to Bharathiar University
Re-accredited by NAAC with 'A' Grade # 3.64 CGPA (3rd cycle)*

College of Excellence (UGC)]

COIMBATORE – 641 029

March – 2019

**SYNTHESIS AND CHARACTERIZATION OF 5-SULPHOSALICYLIC
ACID NICKEL(II) COMPLEX**

Dissertation

Submitted to Bharathiar University in partial fulfillment of the requirement for the award
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COIMBATORE – 641 029
March – 2019

**SYNTHESIS AND CHARACTERIZATION OF 5-AMINOSALICYLIC ACID
COBALT(II) COMPLEX**

Dissertation

**Submitted to Bharathiar University in partial fulfillment of the requirement for the
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COIMBATORE – 641 029

March – 2019

**SYNTHESIS AND CHARACTERIZATION OF 5-SULPHOSALICYLIC
ACID ZINC(II) COMPLEX**

Dissertation

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COIMBATORE – 641 029

March – 2019

**SYNTHESIS AND CHARACTERIZATION OF COPPER (II)
COMPLEX OF 5-SULPHOSALICYLIC ACID**

Dissertation

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COIMBATORE – 641 029

March – 2019

**KNOEVENAGEL CONDENSATION OF MALONONITRILE AND
ETHYL METHYL KETONE IN AQUEOUS MEDIUM AND
MICROWAVE IRRADIATION**

Dissertation

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COIMBATORE – 641 029

March – 2019

**AQUEOUS AND SOLVENT FREE KNOEVENAGEL CONDENSATION
OF MALONONITRILE WITH ACETONE**

Dissertation

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COIMBATORE – 641 029

March – 2019

**SOLVENT FREE MICROWAVE ENHANCED KNOEVENAGAL
CONDENSATION OF ETHYLCYANOACETATE WITH
CYCLOHEPTANONE**

Dissertation

**Submitted to Bharathiar University in partial fulfillment of the requirement for the
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COIMBATORE – 641 029

March – 2019

**SOLVENT FREE MICROWAVE ENHANCED KNOEVENAGEL CONDENSATION
OF MALONICACID WITH P-HYDROXY ACETOPHENONE**

Dissertation

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COIMBATORE – 641 029

March – 2019

**SYNTHESIS, CHARACTERIZATION, THERMAL AND ANTIBACTERIAL
STUDIES OF NICKEL (II) DIPICOLINATE HYDRATES BEARING
GUANIDINIUM CATION/NEUTRAL HYDRAZINE.**

Dissertation

**Submitted to Bharathiar University in partial fulfillment of the requirement for the
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COIMBATORE-641 029

MARCH-2019

**PREPARATION, CHARACTERIZATION, THERMAL AND STUDIES OF
COBALT (II) AND ZINC (II) DIPICOLINA CONTAINING
GUANIDINIUM CATION**

Dissertation

Submitted to Bharathiar University in Partial Fulfilment for the requirement for the Award

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COIMBATORE – 29

March -2019

**SYNTHESIS, CHARACTERIZATION, THERMAL AND ANTIBACTERIAL
STUDIES OF CADMIUM (II) DIPICOLINATE CONTAINING
GUANIDINIUM CATION**

Dissertation

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COIMBATORE – 29

March -2019

**Synthesis, characterization and Thermal studies of Guanidinium
Lanthanide (III) Thiodipropionate hydrates**

Dissertation

**Submitted to Bharathiar University in partial fulfillment of the requirement for the
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COIMBATORE-641 029

MARCH-2019

**PREPARATION, SPECTRAL AND THERMAL STUDIES OF
HYDRAZINIUM COBALT&ZINC (II) METAL DIPICOLINATE HYDRATE**

Dissertation

**Submitted to Bharathiyar University in partial fulfillment of the requirement for
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COIMBATORE-641 029

MARCH-2019

**PREPARATION SPECTRAL AND THERMAL STUDIES OF
GUANIDINIUM M(II)(Co/Zn) DIPICOLINATE HYDRATE**

Dissertation

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COIMBATORE-641 029

MARCH-2019

**SYNTHESIS AND CHARACTERISATION OF
PYRAZOLINO CYCLOHEPT[b] INDOLE DERIVATIVES**

Dissertation

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COIMBATORE – 29

March -2019

**SYNTHESIS AND CHARACTERISATION OF AMINO
AND HYDROXY PYRIMIDO CYCLOHEPT [b] INDOLE
DERIVATIVES**

Dissertation

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COIMBATORE – 29

March -2019

**SYNTHESIS AND CHARACTERISATION OF AMINO AND
HYDROXY PYRIMIDO CYCLOHEPT[b]INDOLE**

Dissertation

Submitted to Bharathiar University in Partial Fulfilment for the requirement

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COIMBATORE – 29

March -2019

**SYNTHESIS AND CHARACTERISATION OF
SUBSTITUTED PYRIMIDO CYCLOHEPT[b]INDOLE
DERIVATIVES**

Dissertation

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COIMBATORE – 29

MARCH 2019

**REMOVAL OF METHYL ORANGE DYE FROM AQUEOUS
SOLUTION WITH ADSORPTION TECHNIQUE USING
SAMANEA SAMAN AS LOW-COST ADSORBENT**

Dissertation

Submitted to Bharathiar University in partial fulfillment of the requirement

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COIMBATORE - 641 029

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MARCH 2019

**METHYLENE BLUE DYE REMOVAL FROM AQUEOUS SOLUTION USING
SAMANEA SAMAN AS A LOW COST ADSORBENT**

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COIMBATORE – 641 029

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**ADSORPTIVE REMOVAL OF RHODAMINE-B DYE USING
SAMANEA SAMAN AS A LOW COST ADSORBENT**

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COIMBATORE – 29

March -2019

**SYNTHESIS AND CHARACTERISATION OF
PYRAZOLINO AND MERCAPTOPYRIMIDO
CYCLOHEPT[b]INDOLE**

Dissertation

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**COIMBATORE – 29
MARCH 2019**

**SYNTHESIS AND CHARACTERISATION OF
PYRAZOLINO AND ISOXAZOLINO
CYCLOHEPT[b]INDOLE**

Dissertation

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**COIMBATORE – 29
MARCH 2019**

**SOLVENT FREE MICROWAVE ENHANCED KNOEVENAGAL
CONDENSATION OF MALONONITRILE WITH CYCLOHEPTANONE**

Dissertation

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COIMBATORE – 641 029

March – 2019

**SOLVENT FREE AND AQUEOUS KNOEVENAGAL CONDENSATION
OF O-HYDROXYACETOPHENONE WITH ETHYLCYANOACETATE**

Dissertation

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COIMBATORE – 641 029

March – 2019

**ADSORPTION OF CRYSTAL VIOLET DYE ONTO
ACTIVATED CARBON DEVELOPED FROM
AN ECO - FRIENDLY PLANT**

Dissertation

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COIMBATORE – 29

March -2019

**REMOVAL OF MALACHITE GREEN DYE FROM AQUEOUS
SOLUTION WITH ADSORPTION TECHNIQUE USING
SAMANEA SAMAN AS LOW-COST ADSORBENT**

Dissertation

Submitted to Bharathiar University in partial fulfillment of the requirement

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COIMBATORE – 641 029

TAMIL NADU

MARCH 2019

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COIMBATORE – 641 029

TAMIL NADU

MARCH 2019

**SYNTHESIS AND CHARACTERISATION OF
PYRAZOLINO AND ISOXAZOLINO
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**COIMBATORE – 29
MARCH 2019**

**SYNTHESIS AND CHARACTERIZATION OF 5-SULPHOSALICYLIC ACID
MAGNESIUM(II) COMPLEX**

Dissertation

**Submitted to Bharathiar University in partial fulfilment of the requirement for the
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