

**ADSORPTION OF Cu(II) IONS ONTO
COMMERCIAL ACTIVATED CARBON
-A KINETIC AND EQUILIBRIUM STUDY**

A Project work submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

Affiliated to **Bharathidasan University**, Thiruchirappalli

in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN CHEMISTRY

By

A.SUNDARA PANDIAN

18CHA301

Under the guidance of

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SEPTEMBER– 2020

SYNTHESIS AND CHARACTERISATION OF TIN OXIDE NANOPARTICLES BY CO-PRECIPITATION METHOD

A Dissertation Submitted to

A.VEERIYA VANDAYAR MEMORIAL SRI PUSHPAM COLLEGE (AUTONOMOUS), POONDI

AFFILIATED BY THE BHARATHIDASAN UNIVERSITY, TIRUCHIRAPALLI

in partial fulfillment of the requirements for the award of the Degree of

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SEPTEMBER - 2020

**ADSORPTION OF Cr(VI) IONS ONTO
COMMERCIAL ACTIVATED CARBON
-A KINETIC AND EQUILIBRIUM STUDY**

A Project work submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

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SEPTEMBER– 2020

**BIO-SYNTHESIS OF MANGANESE (II) OXIDE NANOPARTICLES
USING *MOMORDICA CHARANTIA* EXTRACT**

A project submitted to
BHARATHIDASAN UNIVERSITY
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**MASTER OF SCIENCE
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M.Sc., M.Sc., M.Phil., PGDCA., Ph.D., FICS.,



**SYNTHESIS AND CHARACTERIZATION OF SILVER
NITRATE NANO PARTICLES USING
Moringa oleifera FLOWER**

A Project work submitted to

A.V.VM.Sri Pushpam College (Autonomous)

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September-2020

ROLL OF PH IN THE SYNTHESIS AND CHARACTERIZATION OF ZnO NANOPARTICLES USING ZINC SULFATE

A dissertation submitted to

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**GREEN PREPARATION OF MAGNESIUM OXIDE
NANOPARTICLES USING SOLANUM NIGRUM LEAF EX**

A project submitted to
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**REMOVAL OF Ni(II) ions FROM AQUEOUS SOLUTION USING
LOW COST ABUNDANTLY AVAILABLE ABSORBENTS**

A Project work submitted to

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SEPTEMBER-2020

SYNTHESIS, CHARACTERISATION AND PHOTOCATALYTIC DEGRADATION OF TIN OXIDE NANOPARTICLES

A Dissertation Submitted to

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DYING OF COTTON FABRIC WITH NATURAL DYE FROM CATHRANTHUS ROSEUS FLOWER EXTRACT

A Dissertation Submitted to

A.VEERIYA VANDAYAR MEMORIAL SRI PUSHPAM COLLEGE (AUTONOMOUS), POONDI
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Green protocol for the synthesis of carbonitriles from some pyrazole aldehydes

A project submitted to

A.V.V.M Sri Pushpam College (Autonomous)

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**MASTER OF SCIENCE
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September -2020

Green protocol for the synthesis of carbonitriles from some pyrazole aldehydes

A project submitted to

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September -2020

SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL
ACTIVITY OF CINNAMALDEHYDE BASED MANNICH
BASE

A Dissertation Submitted to

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SEPTEMBER 2020

**GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING
OCIMUM BASILICUM EXTRACT AND CHARACTERISATION BY UV
AND FTIR SPECTROSCOPY**

A Dissertation submitted to

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SEPTEMBER- 2020

SYNTHESIS AND CHARACTERIZATION OF SILVER NITRATE NANO
PARTICLES USING *Thespesia populnea* FLOWER

A Dissertation submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

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MASTER OF SCIENCE

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September-2020

**One pot two component synthesis of carbonitrile derivatives from
pyrazole aldehyde using hydroxylamine hydrochloride**

A project submitted to

**A.V.V.M Sri Pushpam College (Autonomous)
Affiliated to Bharathidasan University, Thiruchirappalli**

*In partial fulfillment of the requirement for the
Award of the degree of*

**MASTER OF SCIENCE
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September -2020

**ADSORPTION OF Ni(II) IONS ONTO
COMMERCIAL ACTIVATED CARBON
- A KINETIC AND EQUILIBRIUM STUDY**

A Project work submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

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in partial fulfillment of the requirement for the award of the degree of

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SEPTEMBER– 2020

ANALYSIS OF SOIL IN VILLAGES AT THANJAVUR DISTRICT

TAMIL NADU

M.Sc DISSERTATION

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SEPTEMBER- 2020

SYNTHESIS AND CHARACTERIZATION OF SILVER NITRATE
NANO PARTICLES USING *Mimosa pudica* FLOWER

A Project work submitted to

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September-2020

**EFFICIENCY IMPROVEMENT IN PRODUCTION FOR
GARMENTS USING ORGANIC COTTON OIL**

A Project work submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

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**ADSORPTION OF Cu(II) ions ONTO COMMERCIAL
ACTIVATED CARBON - A KINETIC STUDY**

A Project work submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

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MASTER OF SCIENCE IN CHEMISTRY

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SEPTEMBER-2020

**GREEN SYNTHESIS OF REDUCED GRAPHENE OXIDE USING
BRASSICA OLERACEA EXTRACT**

A project submitted to
BHARATHIDASAN UNIVERSITY
For the award of the degree of
**MASTER OF SCIENCE
IN
CHEMISTRY**

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**PG & RESEARCH DEPARTMENT OF CHEMISTRY
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POONDI – 613 503**

SEPTEMBER – 2020

**EFFICIENCY IMPROVEMENT IN PRODUCTION FOR
GARMENTS USING ORGANIC COTTON OIL**

A Project work submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

Affiliated to **Bharathidasan University, Thiruchirappalli**

in partial fulfillment of the requirement for the award of the degree of

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SEPTEMBER-2020

SYNTHESIS OF REDUCED GRAPHENE OXIDE BY *RAPHANUS SATIVUS* ROOT EXTRACT AND ITS CHARACTERIZATION

A project submitted to
BHARATHIDASAN UNIVERSITY
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SEPTEMBER – 2020

**SYNTHESIS AND CHARACTERIZATION OF NiO-SrO-ZnO
MIXED METAL OXIDE NANOCOMPOSITE**

A project submitted to
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SEPTEMBER - 2020

**GREEN PREPARATION OF SnO_2 NANOPARTICLES BY
SOLANUM TRILOBATUM LEAF EXTRACT AND ITS
CHARACTERIZATION**

A project submitted to
BHARATHIDASAN UNIVERSITY
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POONDI - 613 503**

SEPTEMBER - 2020

ANALYSIS OF WATER IN VILLAGES AT THIRUVARUR DISTRICT

TAMIL NADU

A Project work submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

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SEPTEMBER– 2020

**SYNTHESIS AND CHARACTERIZATION OF SILVER NITRATE
NANOPARTICLES USING *Cassia auriculata* FLOWER**

A Dissertation submitted to

A.V.V.M.Sri Pushpam College (Autonomous)

Affiliated to **Bharathidasan University**, Thiruchirapalli in partial fulfillment
of the requirement for the award of the degree of

MASTER OF SCIENCE

IN

CHEMISTRY

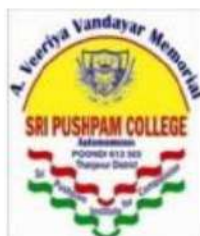
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SEPTEMBER-2020

**SYNTHESIS, CHARACTERISATION AND
ANTIBACTERIAL ACTIVITY OF CERIUM DOPED TIN
OXIDE NANOPARTICLES**

A Dissertation Submitted to

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SEPTEMBER-2020

**BIO SYNTHESIS OF REDUCED GRAPHENE OXIDE BY
BRASSICA OLERACEA EXTRACT**

A project submitted to
BHARATHIDASAN UNIVERSITY
For the award of the degree of

**MASTER OF SCIENCE
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**SYNTHESIS AND CHARACTERIZATION OF SILVER NITRATE NANO
PARTICLES USING *Celosia cristata* FLOWER**

A Dissertation submitted to

A.V.V.M. Sri Pushpam College (Autonomous)

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MASTER OF SCIENCE

IN

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September-2020

**BIO SYNTHESIS OF REDUCED GRAPHENE OXIDE USING
MOMORDICA CHARANTIA EXTRACT**

A project submitted to
BHARATHIDASAN UNIVERSITY
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SEPTEMBER - 2020

**One pot synthesis of carbonitriles from pyrazole aldehyde using
hydroxylamine hydrochloride in glycerol as green solvent**

A project submitted to

**A.V.V.M Sri Pushpam College (Autonomous)
Affiliated to Bharathidasan University, Thiruchirappalli**

*In partial fulfillment of the requirement for the
Award of the degree of*

**MASTER OF SCIENCE
IN
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September -2020

SYNTHESIS, CHARACTERIZATION AND ANTIFUNGAL
ACTIVITY OF SUCCINIMIDE BASED MANNICH BASE

A Dissertation Submitted to

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SEPTEMBER 2020

**BIO SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING
LEUCAS ASPERA EXTRACT - a study**

A Dissertation submitted to

A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)

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In partial fulfillment of the requirements for the award of the Degree of

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September - 2020

**PHYSICO CHEMICAL ANALYSIS OF GROUND WATER FROM SOME
PARTS OF PAPANASAM TALUK, THANJAVUR DISTRICT**

A Dissertation submitted to

A.V.V.M.Sri Pushpam College (Autonomous)

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SEPTEMBER-2020

**SYNTHESIS AND CHARACTERIZATION OF SILVER NITRATE
NANOPARTICLES USING *Cassia fistula* FLOWER**

A Dissertation submitted to

A.V.V.M.Sri Pushpam College (Autonomous)

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